Digital Imaging and Communications in Medicine (DICOM)

Part 16: Content Mapping Resource

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FOREWORD

The American College of Radiology (ACR) and the National Electrical Manufacturers Association (NEMA) formed a joint committee to develop a standard for Digital Imaging and Communications in Medicine (DICOM). This DICOM Standard was developed according to the NEMA procedures.

This standard is developed in liaison with other standardization organizations including CEN TC251 in Europe, and JIRA and MEDIS-DC in Japan, with review also by other organizations including IEEE, HL7 and ANSI in the USA.

The DICOM Standard is structured as a multi-part document using the guidelines established in the following document:

— ISO/IEC Directives, 1989 Part 3 : Drafting and Presentation of International Standards.

This document is one part of the DICOM Standard, which consists of the following parts:

PS 3.1: Introduction and Overview

PS 3.2: Conformance

PS 3.3: Information Object Definitions

PS 3.4: Service Class Specifications

PS 3.5: Data Structures and Encoding

PS 3.6: Data Dictionary

PS 3.7: Message Exchange

PS 3.8: Network Communication Support for Message Exchange

PS 3.9: Retired

PS 3.10: Media Storage and File Format for Media Interchange

PS 3.11: Media Storage Application Profiles

PS 3.12: Formats and Physical Media

PS 3.13: Retired

PS 3.14: Grayscale Standard Display Function

PS 3.15: Security Profiles

PS 3.16: Content Mapping Resource

These parts are related but independent documents. Their development level and approval status may differ. Additional parts may be added to this multi-part standard. PS 3.1 should be used as the base reference for the current parts of this standard.

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1 Scope and field of application

This part of the DICOM Standard specifies the DICOM Content Mapping Resource (DCMR) which defines the templates and context groups used elsewhere in the standard.

2 Normative references

The following standards contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this Standard are encouraged to investigate the possibilities of applying the most recent editions of the standards indicated below.

UCUM Unified Code for Units of Measure, Regenstrief Institute for Health Care, Indianapolis 2000.

LOINC® Logical Observation Identifier Names and Codes, Regenstrief Institute for Health Care, Indianapolis 2000.

SNOMED® Systematized Nomenclature of Medicine, Version 3, College of American Pathologists

SNOMED® Systematized Nomenclature of Medicine – RT, College of American Pathologists

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BI-RADS® Terminology and Nomenclature

Terminology used within the Mammography CAD SR SOP Class is a superset of BI-RADS® Third Edition, with Addendum 3.1, a copyrighted lexicon of Mammography screening terminology and nomenclature licensed by DICOM from the American College of Radiology. BI-RADS® publications are available from the American College of Radiology (http://www.acr.org). The DICOM Standard does not require Mammography CAD SR SOP Class implementations to adhere to BI-RADS®.

MQCM 1999 Terminology and Nomenclature

References to MQCM 1999 are made in the description of the Mammography CAD SR SOP Class. In this MQCM 1999 refers to the Mammography Quality Control Manual 1999, available from the American College of Radiology. This document describes a standardized approach to mammographic acquisition standards, patient positioning, and so on. The DICOM standard does not require Mammography CAD SR SOP Class implementations to adhere to MQCM 1999.

MQSA Terminology and Nomenclature

References to MQSA are made in the description of the Mammography CAD SR SOP Class. In this MQSA refers to the Mammography Quality Standards Act final rules. While MQSA is a federal regulation of the United States government, it provides the only widely published standards for mammographic quality and is incorporated in this document for that reason. The DICOM standard does not require Mammography CAD SR SOP Class implementations to adhere to MQSA.

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ACR Position Statement

American College of Radiology. ACR Position Statement. In: Standards. Reston, Va: 2001:iv.

Fraser and Pare Terminology

References to [Fraser and Pare] are made in the description of the Chest CAD SR templates and context groups. Specifically, these references are to the "Terms Used in Chest Radiology" and "Terms For CT of the Lungs", from Fraser and Pare's Diagnosis of Diseases of the Chest, Fourth Edition, Volume I, pp. xvii-xxxi and pp. xxxiii-xxxvi, respectively.

Performance of CT for Detection of Pulmonary Embolism in Adults

American College of Radiology. ACR Standard for the Performance of Computed Tomography for the Detection of Pulmonary Embolism in Adults. In: Standards. Reston, Va: 2001:109-113.

Performance of High-Resolution CT of the Lungs in Adults

American College of Radiology. ACR Standard for the Performance of High-Resolution Computed Tomography (HRCT) of the Lungs in Adults. In: Standards. Reston, Va: 2001:115-118.

Performance of Pediatric and Adult Chest Radiography, ACR

American College of Radiology. ACR Standard for the Performance of Pediatric and Adult Chest Radiography. In: Standards. Reston, Va: 2001:95-98.

Performance of Pediatric and Adult Thoracic CT

American College of Radiology. ACR Standard for the Performance of Pediatric and Adult Thoracic Computed Tomography (CT). In: Standards. Reston, Va: 2001:103-107.

RECIST

References to the Response Evaluation Criteria In Solid Tumors are made from the Chest CAD SR templates and context groups. These references are based on the article "New Guidelines to Evaluate the Response to Treatment in Solid Tumors", by Patrick Therasse et.al., Journal of the National Cancer Institute, Vol. 92, No. 3, February 2, 2000, pp. 205-216. See also http://www.eortc.be/recist/ .

WHO

WHO Handbook for Reporting Results for Cancer Treatment, World Health Organization, Geneva, 1979, WHO Offset Publication No. 48. See also http://whqlibdoc.who.int/publications/9241700483.pdf.

3 Definitions

For the purposes of this Standard the following definitions apply.

3.1 CODES AND CONTROLLED TERMINOLOGY DEFINITIONS:

The following definitions are commonly used in this Part of the DICOM Standard:

3.1.1 Baseline Context Group Identifier (BCID): Identifier that specifies the suggested Context Group for a Code Sequence Attribute.

3.1.2 Defined Context Group Identifier (DCID): Identifier that specifies the Context Group for a Code Sequence Attribute that shall be used.

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3.1.3 Extensible Context Group: Context Group that may be extended by a particular application by inclusion of additional concepts.

3.1.4 Non-Extensible Context Group: Context Group whose defined set of concepts shall not be extended by an application.

3.1.5 Context Group: A set of coded concepts defined by a Mapping Resource forming a set appropriate to use in a particular context.

3.1.6 Context Group Version: Version of a Context Group.

3.1.7 Context ID (CID): Identifier of a Context Group.

3.1.8 Mapping Resource: A resource that defines context-dependent usage constraints (i.e. Value Set or Relationship Type restrictions) for Attributes. A resource that specifies the mapping of the content of an external controlled terminology to the components of a message standard.

3.1.9 Relationship Type: The association between two Concepts. Examples: “HAS PROPERTIES”, “CONTAINS”, “INFERRED FROM”.

3.1.10 DICOM Content Mapping Resource (DCMR): A Mapping Resource that defines Templates and Context Groups for use in DICOM IODs.

3.1.11 Template: A pattern that describes the Content Items, Value Types, Relationship Types and Value Sets that may be used in part of a Structured Report content tree, or in other coded entry items, such as Acquisition Context or Waveform Channel Description. Analogous to a Module of an Information Object Definition.

3.1.12 Template ID (TID): Identifier of a Template.

3.1.13 Value Set: The allowed values of a Code Sequence Attribute in a given context. Specified either as one or more individual values or by reference to a Context Group.

3.1.14 Baseline Template Identifier (BTID): Identifier that specifies a template suggested to be used in the creation of a set of Content Items.

3.1.15 Defined Template Identifier (DTID): Identifier that specifies a template that shall be used in the creation of a set of Content Items.

3.1.16 Extensible Template: A template that may be extended by a particular application by inclusion ofadditional Content Items beyond those specified in the template.

3.1.17 Non-Extensible Template: A template that specifies the exact set of Content Items and corresponding Value Sets that shall be used and which shall not be extended by an application.

3.1.18 Coding schemes: Dictionaries (lexicons) of concepts (terms) with assigned codes and well defined meanings.

Note: Examples of coding schemes include SNOMED and LOINC**.**

3.2 INFORMATION OBJECT DEFINITIONS:

This Part of the Standard makes use of the following terms defined in PS 3.3:

a. Code Sequence Attribute

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4 Symbols and abbreviations

The following symbols and abbreviations are used in this Part of the Standard.

Mammography CAD	Computer-Aided Detection and/or Computer-Aided Diagnosis for Mammography
Chest CAD	Computer-Aided Detection and/or Computer-Aided Diagnosis for chest radiography
ACR	American College of Radiology
CAP	College of American Pathologists
DCMR	DICOM Content Mapping Resource
NEMA	National Electrical Manufacturers Association
RECIST	Response Evaluation Criteria In Solid Tumors
SNOMED	Systematized Nomenclature of Medicine
UCUM	Unified Code for Units of Measure
WHO	World Health Organization
EV	Enumerated Value
DT	Defined Term
CNAME	Context Group Name
TNAME	Template Name
BCID	Baseline Context Group ID
DCID	Defined Context Group ID
ECID	Enumerated Context Group ID
BTID	Baseline Template ID
DTID	Defined Template ID
ETID	Enumerated Template ID

The following upper-case abbreviations represent specific Attributes:

CV	Code Value (0008,0100)
CSD	Coding Scheme Designator (0008,0102)
CM	Code Meaning (0008,0104)
CSV	Coding Scheme Version (0008,0103)

5 Conventions

Terms listed in Section 3 Definitions are capitalized throughout the document.

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6 Form of Template Specifications

Templates are patterns that specify the Concept Names, Requirements, Conditions, Value Types, Value Multiplicity, Value Set restrictions, Relationship Types and other attributes of Content Items for a particular application.

An IOD may specify that particular Standard Templates shall be used or may be used to define or constrain the content of SR Documents or Acquisition Context. Annex A of this Part defines Standard Templates.

Note: Standard Extended and Private Templates may be defined by implementors of the Standard. The rules for definition of Standard Extended and Private SR Templates are similar to the rules for definition of Standard Extended and Private SOP Classes. One row of a Template definition table corresponds to one row of a Module table.

Each Standard Template is specified by a Template table in this Part. Each Template table specifes exactly one Template, corresponding to a type of SR Document or a pattern of content within an SR Document or Acquisition Context Module.

The range of concepts and the options that are permitted in a family of SR Documents vary inversely with the level of constraint that is applied by the corresponding SR Template. The more narrow the range of concepts and the more restricted the options permitted by a Template, the more predictable the content of the SR Documents will be.

Notes: 1. A very specific Template defines a family of SR Documents that are very similar to each other. They have a narrow range of content options (e.g. high level of constraint of Content Item values; use of CODE or NUM with Enumerated Context Groups) and their content is therefore highly predictable. A very general (e.g. permissive or broad) Template defines a family of SR Documents that may differ considerably from one another. They have a broader range of content options (e.g. low level of constraint of Content Item values; use of TEXT and relatively little restriction of Content Item values) and their content is less predictable.

2. The degree of interoperability that may be achieved with a family of SR Documents generated from a Template may be determined intentionally and precisely at a desired level by appropriate Template design to achieve the necessary degree of predictability of SR Document contents.

6.1 TEMPLATE TABLE FIELD DEFINITION

SR Templates are described using tables of the following form:

TID #
Template Name

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1								
2								
3								

Acquisition Context and Waveform Channel Definition Templates are described using tables of the following form:

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TID #
Template Name

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1						
2						
3						

The semantics of the fields (columns) of Template tables are defined by subsections of this Section. A row of a Template table specifies either one Content Item or inclusion of another Template that may specify any number of Content Items (see Section 6.2.3 for definition of Included Templates). Each Template table is named by a title, identified by a TID number and further explained by a description such as explanation of Template contents, purpose and use cases.

The folllowing conventions are defined for the form of references to coded concepts, Context Groups and Templates.

Code Meanings are enclosed in quotation marks (for example “cm”). Code Values and Coding Scheme Designators are not enclosed in quotation marks unless a comma occurs in the string.

References to coded concepts take the following form:

EV or DT (CV, CSD, “CM”)

e.g. an Enumerated Value with only CV, CSD, and CM defined is represented as follows: EV (CV, CSD, “CM”), for example EV (T-04000, SNM3, “Breast”).

If reference to a specific coding scheme version is required, it takes the following form:

EV or DT (CV, CSD [CSV] , “CM”)

e.g., DT (D3-81922, SRT [V1], “Aortic fistula”).

References to Context Groups take the following form:

BCID or DCID (CID) CNAME

e.g. Defined Context Group 5000 is represented as follows: DCID (5000) Language.

References to Templates take the following form:

BTID or DTID (TID) TNAME

e.g. Baseline Template 1000 is represented as follows: BTID (1000) Quotation.

6.1.1 Row Number

Each row of a Template Table is denoted by a row number. The first row is numbered 1 and subsequent rows are numbered in ascending order with increments of 1. This number denotes a row for convenient description as well as reference in conditions. The Row Number of a Content Item in a Template may or may not be the same as the ordinal position of the corresponding Sequence Item (representing the Content Item) in a Content Sequence (0040,A730), depending on the number of times the Content Item is repeated.

The Content Item specified in the first row of a Template table may be of any Value Type. Specifically, it is not constrained to be a CONTAINER.

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6.1.2 Nesting Level (NL)

The nesting level of Content Items is denoted by ">" symbols, one per level of nesting below the initial Source Content Item (of the Template) in a manner similar to the depiction of nested Sequences of Items in Modules Tables in PS 3.3. When it is necessary to specify the Target Content Item(s) of a relationship, they are specified in the row(s) immediately following the corresponding Source Content Item. The Nesting Level of a Target Content Item is one greater than the Nesting Level of the corresponding (parent) Source Content Item. The Content Item specified in row 1 of a Template Table is at the top level (i.e. no ">" symbol is ever present in the NL field for the first Content Item in the table).

Acquisition context templates have no Nesting Level field.

6.1.3 Relationship with Source Content Item (Parent)

Relationship Type and Relationship Mode (i.e. By-value or By-reference) constraints, if defined, are specified in this field, as described in Table 6.1.3-1.

Relationship Type and Mode are specified for each row that specifies a target content item.

Relationship Type and Mode may also be specified when another Template is included, either "top-down" or "bottom-up" or both (i.e. in the "INCLUDE Template" row of the calling Template, or in all rows of the included Template, or in both places). There shall be no conflict between the Relationship Type and Mode of a row that includes another Template and the Relationship Type and Mode of the rows of the included Template.

Note: SR IODs specify Enumerated Values for Relationship Types. If a Relationship Type other than one of the Defined Terms for Relationship Type (0040,A010) is specified in a Private SOP Class, there is a significant risk to interoperability. Documentation accompanying Templates for Private SOP Classes should define any Relationship-type extensions in the manner that the Standard Relationship Types are defined in PS 3.3.

Acquisition context templates have no Relationship field.

Table 6.1.3-1
Syntax of Relationship Constraints

Expression	Definition
RTYPE	Relationship Mode is By-value and Relationship Type is RTYPE. For example, "INFERRED FROM".
R-RTYPE	Relationship Mode is By-reference and Relationship Type is RTYPE. For example, "R-INFERRED FROM".

6.1.4 Value Type (VT)

The Value Type field specifies the SR Value Type of the Content Item or conveys the word "INCLUDE" to indicate that another Template is to be included (substituted for the row). See Section 6.2.3 for further description of "Included Templates".

6.1.5 Concept Name

Any constraints on Concept Name are specified in this field as defined or enumerated coded entries, or as baseline or defined context groups. Alternatively, when the VT field is "INCLUDE", the Concept Name field specifies the template to be included.

6.1.6 Value Multiplicity (VM)

The VM field indicates the number of times that either a Content Item of the specified pattern or an included Template may appear in this position. Table 6.1.6-1 specifies the values that are permitted in this field.

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Table 6.1.6-1
Permitted Values for VM

Expression	Definition
i (where 'i' represents an integer)	Exactly i occurrences, where i>=1. E.g. when i=1 there shall be one occurrence of the Content Item in this position.
i-j	From i to j occurrences, where i and j are >=1 and j>i.
1-n	One or more occurrences

6.1.7 Requirement Type

The Requirement Type field specifies the requirements on the presence or absence of the Content Item or included Template.

Note: There is typically no need to specify Requirement Type separately for SCU and SCP of the Basic SR SOP Classes, because the SCP is required to support the entire content of any SR Document it receives. Therefore, for Basic SR SOP Classes, Requirement Type effectively only applies to the SCU.

The following symbols are used:

M – Mandatory. Shall be present.

MC – Mandatory Conditional. Shall be present if the specified condition is satisfied.

U – User Option. May or may not be present.

UC – User Option Conditional. May not be present. May be present according to the specified condition.

Note: There is an interaction between the VM and the Requirement Type with respect to the number of times that a content item (or included Template) may actually be present, as follows:

Req Type	VM	Actual number of occurences in the content tree
M	1	1
M	1-n	1 to n
U	1	0 or 1
U	1-n	0 to n

6.1.8 Condition

The Condition field specifies any conditions upon which presence or absence of the Content Item or its values depends. This field specifies any Concept Name(s) or Values upon which there are dependencies.

References in Condition statements to coded concepts or values, whether to select a content item to test or to specify a value to test against, are of the form (CV, CSD, "CM"). As is always the case for coded entries, the matching is performed against CV and CSD, irrespective of the string value of CM.

References may also be made to row numbers (e.g. to specify exclusive OR conditions that span multiple rows of a Template table).

The following abbreviations are used:

XOR = Exclusive OR. One and only one row shall be selected from mutually-exclusive options.

Note: For example, if one of rows 1, 2, 3 or 4 may be included, then for row 2, the abbreviation "XOR rows 1,3,4" is specified for the condition.

IF = Shall be present if the condition is TRUE; may be present otherwise.

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IFF = If and only if . Shall be present if the condition is TRUE; shall not be present otherwise.

6.1.9 Value Set Constraint

Value Set Constraints, if any, are specified in this field as defined or enumerated coded entries, or as baseline or defined context groups.

The Value Set Constraint column may specify a default value for the Content Item if the Content Item is not present, either as a fixed value, or by reference to another Content Item, or by reference to an Attribute from the dataset other than within the Content Sequence (0040,A730).

6.1.9.1 NUM Units Constraint

Constraints on units of measurement, if any, are specified in the Value Set Constraint field if and only if the Value Type is NUM. The constraints are specified either as defined or enumerated coded entries, or as baseline or defined context groups.

6.1.9.2 CONTAINER Continuation Flag Constraint

The value of the Continuity of Content Flag (0040,A050) may be specified in the Value Set Constraint field if and only if the Value Type is CONTAINER.

Note: The SR Document Content Module specifies “SEPARATE” and “CONTINUOUS” as the Enumerated Values for Continuity of Content Flag (0040,A050).

6.2 SPECIAL CONVENTIONS FOR TEMPLATE TABLES

6.2.1 Multiple Value Sets Depending on Different Conditions

When a Content Item may have different value sets, each depending on different conditions, the description of each different case begins in a separate row of the Template Table.

6.2.2 Target Content Items of Relationships

When it is necessary to specify the Target Content Item(s) of a relationship, they are specified in the row(s) immediately following the Source Content Item. The Nesting level of a Target Content Item (or set of Target Content Items specified indirectly via an ‘include Template’ macro) is one greater than the Nesting Level of the corresponding Source Content Item, as indicated by an increase in the number of “>” characters in the nesting level.

When a Content Item may be the Source of multiple relationships having different Relationship Types and/or different Relationship Modes and/or different patterns of Target Content Item(s), the description of each different case begins in a separate row of the Template Table.

When the Source Content Item of a relationship has VM of greater than 1, the specified pattern of Target Content Items applies to all instantiations of the Source Content Item.

Note: For example, if a Template specifies that the VM of a Source Content Item is 1-n and specifies a By-value relationship to two CODE Content Items with particular value set constraints, then each instantiation of the Source Content Item has a By-value relationship to two CODE Content Items with the specified value constraints.

When a Source Content Item that has a Requirement Type of U, UC or MC is not present (is not instantiated), no Target Content Items of that Source Content Item are present, even if one or more of the Target Content Items is designated with a Requirement Type of M or MC.

Note: In otherwords, potential children are not present when there is no parent.

6.2.3 Inclusion of Templates

A Template may specify another Template to be included by specifying “INCLUDE” in the Value Type field and the identifier of the included Template in the Concept Name field. All of the rows of the specified

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Template are in included in the invoking Template, effectively substituting the specified template for the row where the inclusion is invoked. Whether or not the inclusion is user optional, mandatory or conditional is specified in the Requirement and Condition fields. The number of times the included Template may be repeated is specified in the VM field.

6.2.3.1 Template Parameters

A Template that is included by another Template may include parameters that are replaced by values defined in the invoking Template. Parameters may be used to specify coded concepts or Context Groups in the Concept Name, Condition, or Value Set Constraint fields of a Template.

An included Template that accepts parameters shall be introduced by a table listing those parameters of the form:

Parameter Name	Parameter Usage

Parameters are indicated by a name beginning with the character "$".

The invoking Template may specify the value of the parameters in the included Template by name in the Value Set Constraint field of the INCLUDE row. The parameter in the included Template shall be replaced by the specified parameter value. Specification of a parameter value shall be of one of the following forms:

$parametername = EV or DT (CV, CSD, "CM")

$parametername = BCID or DCID (CID) CNAME

$parametername = (CV, CSD, "CM") [for parameters used in Condition field]

The specification of a parameter value is valid only for the directly included template. Therefore, it needs to be explicitly respecified in templates intermediate between the originally specifying Template and the target Template. The intermediate Template may use the same parameter name as used by the Template it invokes; in such a case, the intermediate Template would invoke the subsidiary Template with a specification in the Value Set Constraint field such as:

$parametername = $parametername

Note: In this case, the left hand instance of $parametername is the name in the subsidiary template, and the right hand instance is the (parameterized) value passed into the current template.

The invoking template is not required to specify all parameters of included templates. If not specified, the value set (term or context group) for that parameter is unconstrained. An unconstrained value in a Condition will cause the condition to fail.

6.2.4 Post-coordinated Codes and Has Concept Modifier Relationship

Though it may not be explicitly shown in a particular Template, the use of any coded Concept Name in any Content Item may be defined in a post-coordinated rather than pre-coordinated manner, unless explicitly forbidden by the IOD or the Template.

Accordingly, any such Content Item may have any number of Target Content Items via a “HAS CONCEPT MOD” relationship, even if not explicitly specifed in a Template. Each Target Content Item of such a relationship may be more complicated than a single Content Item if the IOD permits (i.e. the post-coordinated concept may potentially be defined by a complex sub-tree).

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6.2.5 Extension of Templates

An Extensible Template may be extended in an Application generating SOP Instances to include additional Content Items in its definition. Such Content Items shall not duplicate concepts for which an encoding is defined in the Template. I.e., if a method is provided for the encoding of a concept in the Template, that concept shall not be encoded using a different Content Item in an extension to the Template.

A Non-extensible Template shall not be modified in an Application by the addition of Content Items to its definition.

Notes: The set of Content Items in either an Extensible or a Non-extensible Template may be changed in subsequent editions of the Standard, in accordance with the procedures of the DICOM Standards Committee.

A Non-Extensible Template may include a Template that is Extensible. In invoking such a Template, the content structure of SOP Instances created from the Non-Extensible Template may vary according to the varying content structure allowed by the extension of the included Template.

Note: Specification of such extensible content in a Non-Extensible Template may be desirable if the Template defines, e.g., a fixed top level structure into which a variety of lower level structures may be "plugged".

7 DCMR Context Group Specifications

Context Groups specify Value Set restrictions for Code Value (0008,0100) and Code Meaning (0008,0104) of Code Sequence Attributes for given functional or operational contexts. This Section specifies the semantics of DCMR Context Group Tables.

7.1 CONTEXT GROUP TABLE FIELD DEFINITION

A row of a Context Group table specifies one coded concept. The semantics of the fields (i.e. Columns) of Context Group tables are defined by subsections of this Section. Each Context Group table is named by a title and identified by a CID number.

The columns of the tables consist of:

- Coding Scheme Designator (0008,0102)
- Code Value (0008,0100)
- Code Meaning (0008,0104)

In those cases where it is necessary, Coding Scheme Version (0008,0103) may also be specified.

The value specified in the Code Meaning field is an acceptable value for the specified code value, but does not preclude the use of other synonymous text in the same or other language.

Note: Some coding schemes such as LOINC do not specify the equivalent of a Code Meaning.

If further description of the concept represented by the code is required in the DCMR (rather than referring to an external coding scheme), it is included in a separate table.

7.2 SPECIAL CONVENTIONS FOR CONTEXT GROUP TABLES

7.2.1 Include Context Group

The ‘Include Context Group’ macro is a concise mechanism for including (by-reference) all of the rows of a specified Context Group in the invoking Context Group, effectively substituting the specified Context Group for the row where the macro is invoked. If an ‘Include Context Group’ is specified, it shall be

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specified in the Concept Name column of a Context Group Table. Table 7.2.1-1 specifies the syntax of the ‘Include Context Group macro.

Table 7.2.1-1
Include Context Group Macro

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
…	…	…
Include CID nnn		
…	…	…

7.2.2 Units Of Measurement

Context Group 82 is defined to include all units of measurement relevant to DICOM IODs. In the past it was envisaged that an extensible list of pre-coordinated codes would be included in the mapping resource.

DICOM has now adopted the Unified Codes for Units of Measurement (UCUM) standard for all units of measurement. This coding scheme allows for the “construction” of pre-coordinated codes from atomic components.

The specialization of the UCUM standard as it is used in DICOM involves the following rules:

- the Coding Scheme Designator is specified as “UCUM”
- the version of UCUM from which a code is constructed is specified in Coding Scheme Version
- the Code Value will be constructed from UCUM and make use of the “case-sensitive” form of UCUM code (e.g. “ml/s”)
- the Code Meaning may be one of three classes of synonyms:
    - the same string as sent in the Code Value when an abbreviation is required (e.g. “ml/s”)
    - constructed from the “names” of individual components using the Americanized form of name (e.g. “milliliters/second”)
    - constructed from the “names” of individual components using the European form of name (e.g. “millilitres/second”)

7.2.3 Extension of Context Groups

An Application may extend an Extensible Context Group by adding terms for new concepts. Applications may not substitute other terms of the same concept in the Context Group. Such extension may be made without a change in Context Group Identifier, but with the specification of Code Set Extension (see PS3.3).

Non-extensible Context Groups that are used anywhere as defined context groups may be modified to use additional, but not different terms.

Those Context Groups shall not be modified in an Application.

Note: The set of concepts in either an Extensible or a Non-extensible Context Group may be changed in subsequent editions of the Standard, in accordance with the procedures of the DICOM Standards Committee.

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8 Coding Schemes

Table 8-1 list the coding schemes (and their designators) that have been used in HL7, ASTM and DICOM. An earlier version of this table was formerly contained in Annex D of PS 3.3.

Table 8-1 Coding Schemes

Coding Scheme Designator	Coding Scheme UID	Description
ACR		ACR Index for Radiological Diagnosis Revised, 3rd Edition 1986
AS4		American Society for Testing & Materials and CPT4 (see Appendix A of ASTM E1238 and its codes revisions).
ART		WHO Adverse Reaction terms
ATC		American Type Culture Collection
BARI		Bypass Angiography Revascularization Investigation, Alderman, EL and Stadius, M, Coronary Artery Disease 1992,3:1189-1207; endorsed by ACC/AHA Guidelines for Coronary Angiography, J Am Coll Cardiol 1999,33:1791
BI		ACR Breast Imaging Reporting and Data System (BI-RADS®BI-RADS®), Coding Scheme Version (0008,0103) is required; code values are section and paragraph identifiers within the publication where the code meaning is defined (e.g., “I.D.1”, where I = Breast Imaging Lexicon, D = Special Cases, 1 = Tubular Density, as the code value for “Tubular Density”).
C4		CPT-4
C5		CPT-5
CD2		ADA Current Dental Terminology (CDT-2)
CDCA		CDC Analyte Codes
CDCM		CDC Methods/Instruments Codes
CDS		CDC Surveillance Codes
CST		COSTART coding system for adverse drug reactions
CVX		CDC Vaccine Codes
CAS		Chemical abstract codes – United States Pharmacopeial Convention
CE		CEN PT007 ECG Diagnostic Codes.
DCL		DICOM – never used
DCM	1.2.840.10008.2.16.4	DICOM Controlled Terminology; PS 3.16 Content Mapping Resource, Annex D
DQL		DICOM – never used
E		Euclides AFP Codes
E5		Euclides kind of quantity codes
E6		Euclides Lab method codes
E7		Euclides Lab equipment codes
ENZC		Enzyme Codes
FDDC		First DataBank Drug Codes
FDDX		First DataBank Diagnostic Codes

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FDK		FDA K10 (device & analyte process codes).
HB		Health Industry Business Communications Council (HIBCC)
HHC		Home Health Care Classification System
HI		Health Outcomes Institute codes for outcome variables
HPC		HCFA Procedure Codes (HCPCS)
I10		ICD-10
I10P		ICD-10 Procedure Codes
I9		ICD-9
I9C		ICD-9-CM
IBT		International Society of Blood Transfusion (ISBT). Blood Group Terminology “1990”
IC2		International Classification of Health Problems in Primary Care (ICHPPC-2)
ICS		ICCS
IUPC		IUPAC component (analyte) codes
IUPP		IUPAC property codes
ISO639_1		Two-letter language codes
ISO639_2		Three-letter language codes
ISO3166_1		Countries
ISO5218_1		Representation of Human Sexes
IUC		IUPAC/IFCC Recommendations of Quantities and Units in Clinical Chemistry
JC8		Japanese Chemistry Clinical examination classification code. Japan Association of Clinical Pathology. Version 8, 1990.
LN		Logical Observation Identifier Names and Codes, Version 1.01 (Laboratory LOINC)
MCD		Medicaid billing codes/names.
MCR		Medicare billing codes/names.
MDDX		Medispan diagnostic codes (drug-diagnosis interaction)
MDNS		Universal Medical Device (UMD) Nomenclature System
MEDC		Medical Economics Drug Codes
MEDR		Medical Dictionary for Drug Regulatory Affairs (MEDDRA)
MEDX		Medical Economics Diagnostic Codes
MGPI		Medispan GPI – hierarchical drug codes
MVX		CDC Vaccine Codes
NDC		National drug codes, FDA
NIC		Nursing Interventions – Iowa Intervention Project
NPI		HCFA National Provider Identifier
OHA		Omaha System – Omaha Visiting Nurse Association
POS		HCFA Place of Service (POS) Codes for Professional Claims
RC		Read Clinical Classification of Medicine
99SDM		SNOMED Version 3 (Retired)

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S3		SNOMED Version 3 (never used in DICOM)
SCPECG		Standard Communications Protocol for Computer-Assisted Electrocardiography, Draft proposal for ISO Standard, AAMI, Revision 1.3
SNM		SNOMED (never used in DICOM)
SNM3		SNOMED Version 3
SNT		SNOMED topology codes (never used in DICOM)
SRT		SNOMED-RT
UC		UCDS Uniform Clinical Data Systems
UCUM		Unified Code for Units of Measure
UMD		Universal Medical Device Nomenclature System (MDNS).
UML		Unified Medical Language
UPC		Universal Product Code - Universal Code Council
UPIN		HCFA Universal Physician Identification Numbers
W1		World Health organization record number drug codes - six digit code
W2		World Health organization record number drug codes - eight digit code
W4		World Health organization record number drug codes with ASTM extensions (see appendix A of ASTM 1238-91)
WC		WHO's ATC codes provide a hierarchical classification of drugs by therapeutic class.

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Annex A Structured Reporting Templates (Normative)

This Annex specifies the content of Standard Templates that may be used by DICOM SR IODs.

TID 1000 QUOTATION

Unless otherwise specified, content in an SR tree is “directly” observed. When material is quoted (from a source that is either a document or something spoken), then it is necessary to specify:

- the fact that one is quoting
- who is doing the quoting
- the source of the quote
- who is being quoted, and who and what the quote is about

This template establishes a mechanism for quoting by specifying:

- the fact that one is quoting, by the presence of the contents of the template in the tree
- that the “observer context” above the invocation of this template establishes who is doing the quoting
- the source of the quote, by the values of the content items in this template
- who is being quoted, and who and what the quote is about, by the observation context that is established at the start of the quoted material

This template may be invoked recursively, to nest quotes within quotes. In essence, the chain of who is quoting whom can be established by maintaining a “stack” of observer context.

If a dimension of observation context is the same in the quoted material as in the enclosing tree, then the observation context does not need to be respecified (e.g. the quote may be about the same subject or procedure). Typically, the observer context would change (unless one were quoting oneself).

In the case of quoting something that was spoken, the “observer” is the person speaking.

TID 1000 is attached using HAS OBS CONTEXT relationships to the top node of the material that is being quoted. The presence of the Quoted Source concept signals the fact that the material is quoted rather than directly observed.

TID 1000
QUOTATION
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS OBS CONTEXT	CODE	EV (121001, DCM, “Quotation Mode”)	1	M		EV (121003, DCM, “Document”) EV (121004, DCM, “Verbal”)
2		HAS OBS CONTEXT	COMPOSITE	EV(121002,DCM,”Quoted Source”)	1	MC	Required if quoted material source is a DICOM composite object	
3		HAS OBS CONTEXT	INCLUDE	DTID (1001) "Observation Context"	1	M		

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TID 1001 OBSERVATION CONTEXT

Specifies attributes of observation context that may be defined, extended or replaced at any location in the SR tree.

This includes attributes that specify:

- who or what the observation is about ("subject context")
- what procedure the observation is about ("procedure context")
- who or what is making the observation ("observer context")

Establishing context includes two aspects of each dimension: identification and description (e.g. patient name and ID vs. patient's age, height or weight).

Whenever one dimension of context is changed or an attribute is added, all attributes of that dimension of context are "flushed", that is they need to be repeated in their entirety. For example, when the subject is changed from patient (name, id) to fetus (number), then the parameters of the patient are discarded. E.g. the patient's ID does not apply to the fetus.

"Extending" the same class and dimension of observation context isn't feasible, since one cannot "null out" or remove a previously set attribute. Any time a dimension of observation context is "replaced", any attributes that are unspecified remain unspecified (i.e. they are not inherited).

TID 1001
OBSERVATION CONTEXT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS OBS CONTEXT	INCLUDE	DTID (1002) "Observer Context"	1	MC	Required if all aspects of observer context are not inherited.	
2		HAS OBS CONTEXT	INCLUDE	DTID (1005) "Procedure Context"	1	MC	Required if all aspects of procedure context are not inherited.	
3		HAS OBS CONTEXT	INCLUDE	DTID (1006) "Subject Context"	1	MC	Required if all aspects of observation subject context are not inherited.	

TID 1002 OBSERVER CONTEXT

The observer (person or device) that created the Content Items to which this context applies.

Whenever this template is invoked, all previously inherited attributes of Observer Context are discarded and replaced.

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There may be more than one observer, and both person and device observers. In such a case, the Content Items of TID 1003 and 1004 shall be included in the order in which the values of Observer Type are specified. Since TID 1003 and 1004 both include a single mandatory Content Item as their first Content Item, which observer is being described can be determined

TID 1002
OBSERVER CONTEXT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS OBS CONTEXT	CODE	EV (121005,DCM, "Observer Type")	1-n	U		EV (121006,DCM, "Person") EV (121007,DCM, "Device") Defaults to Person
2		HAS OBS CONTEXT	INCLUDE	DTID (1003) "Person observer identifying attributes"	1-n	MC	IFF (121005,DCM, "Observer Type") = (121006,DCM, "Person")	
3		HAS OBS CONTEXT	INCLUDE	DTID (1004) "Device observer identifying attributes"	1-n	MC	IFF (121005,DCM, "Observer Type") = (121007,DCM, "Device")	

TID 1003 PERSON OBSERVER IDENTIFYING ATTRIBUTES

This template contains identifying (and optionally descriptive) attributes of persons that are observers.

TID 1003
PERSON OBSERVER IDENTIFYING ATTRIBUTES
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			PNAME	EV (121008,DCM, "Person Observer Name")	1	M		
2			TEXT	EV (121009,DCM, " Person Observer's Organization Name")	1	U		Defaults to Institution Name (0008,0080) of the General Equipment Module
3			CODE	EV (121010,DCM, " Person Observer's Role in the Organization")	1	U		BCID(7452) Organizational Roles
4			CODE	EV (121011,DCM, " Person Observer's Role in this Procedure")	1	U		BCID(7453) Performing Roles

TID 1004 DEVICE OBSERVER IDENTIFYING ATTRIBUTES

This template (derived from the DICOM General Equipment Module of PS3.3) contains identifying (and optionally descriptive) attributes of devices that are observers.

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TID 1004
DEVICE OBSERVER IDENTIFYING ATTRIBUTES
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			UIDREF	EV (121012,DCM, "Device Observer UID")	1	M		
2			TEXT	EV (121013,DCM, "Device Observer Name")	1	U		Defaults to value of Station Name (0008,1010) in General Equipment Module
3			TEXT	EV (121014,DCM, "Device Observer Manufacturer")	1	U		Defaults to value of Manufacturer (0008,0070) in General Equipment Module
4			TEXT	EV (121015,DCM, "Device Observer Model Name")	1	U		Defaults to value of Manufacturer's Model Name (0008,1090) in General Equipment Module
5			TEXT	EV (121016,DCM, "Device Observer Serial Number")	1	U		Defaults to value of Device Serial Number (0018,1000) in General Equipment Module
6			TEXT	EV (121017,DCM, "Device Observer Physical Location during observation")	1	U		

TID 1005 PROCEDURE CONTEXT

This template contains identifying (and optionally descriptive) attributes of the procedure that is the source of evidence being interpreted.

Whenever this template is invoked, all previously inherited attributes of Procedure Context are discarded and replaced.

Note: If an observed digital image is identified by other than a DICOM UID, a Study Instance UID must be generated for the non-DICOM evidence. The same must be done to document interpretation of hard-copy radiographs generated outside of the scope of the DICOM system.

TID 1005
PROCEDURE CONTEXT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			UIDREF	EV (121018,DCM, "Procedure Study Instance UID")	1	U		Defaults to Study Instance UID (0020,000D) of General Study Module
2			UIDREF	EV (121019,DCM, "Procedure Study Component UID")	1-n	U		Defaults to Referenced SOP Instance UID (0008,1155) in Referenced Performed Procedure Step Sequence (0008,1111) of General Series Module
3			TEXT	EV (121020,DCM, "Procedure HL7 Placer Number of Evidence")	1	U		Defaults to (0040,2016)

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4			TEXT	EV (121021,DCM, “Procedure HL7 Filler Number of Evidence”)	1	U		Defaults to (0040,2017)
5			TEXT	EV(121022,DCM,”Procedure Accession Number”)	1	U		Defaults to (0008,0050)
6			CODE	EV(121023,DCM,”Procedure Code”)	1	U		Defaults to Procedure Code Sequence (0008,1032) of General Study Module

TID 1006 SUBJECT CONTEXT

This template contains identifying (and optionally descriptive) attributes of the subject of the interpretation.

Subject context identifies (and optionally) describes the subject of the interpretation, whether it be a patient (human or animal), a fetus (human or animal), or a specimen.

TID 1006
SUBJECT CONTEXT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (121024, DCM, "Subject Class”)	1	U		EV (121025, DCM, "Patient") EV (121026, DCM, "Fetus") EV (121027, DCM, "Specimen") Defaults to Patient
2			INCLUDE	DTID (1007) "Subject Context, Patient"	1	UC	IFF (121024, DCM, "Subject Class") = (121025,DCM, "Patient")	May be used for human or animal patients
3			INCLUDE	DTID (1008) "Subject Context, Fetus"	1	UC	IFF (121024, DCM, "Subject Class") = (121026,DCM, "Fetus")	May be used for human or animal fetuses
4			INCLUDE	DTID (1009) “Subject Context, Specimen”	1	UC	IFF (121024, DCM, “Subject Class”) = (121026, DCM, “Specimen”)	

TID 1007 SUBJECT CONTEXT, PATIENT

Identifies (and optionally describes) a patient who is the subject.

TID 1007
SUBJECT CONTEXT, PATIENT
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			UIDREF	EV (121028,DCM, "Subject UID”)	1	U		E.g. SOP Instance UID of Detached Patient Instance

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2			PNAME	EV (121029,DCM, "Subject Name")	1	MC	Required if not inherited.	Defaults to value of Patient's Name (0010,0010) in Patient Module
3			CODE	EV (121030,DCM, "Subject ID")	1	MC	Required if not inherited.	Defaults to value of Patient ID (0010,0020) in Patient Module
4			DATE	EV (121031,DCM, "Subject Birth Date")	1	U		Defaults to value of Patient's Birth Date (0010,0030) in Patient Module
5			CODE	EV (121032,DCM, "Subject Sex")	1	U		Defaults to value of Patient's Sex (0010,0040) in Patient Module DCID 7455 Sex
6			NUM	EV (121033,DCM, "Subject Age")	1	U		Defaults to value ofPatient's Age (0010,1010) in Patient Study Module Units DCID 7456 Units of Measure for Age
7			CODE	EV (121034,DCM, "Subject Species")	1	MC	Required if not inherited.	DCID 7454Species to define various animals or plants, e.g. veterinary or research. Defaults to (L-85B00, SNM3,"homo sapiens").

TID 1008 SUBJECT CONTEXT, FETUS

Identifies (and optionally describes) a fetus who is the subject.

TID 1008
SUBJECT CONTEXT, FETUS
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			PNAME	EV (121036,DCM, "Mother of fetus")	1	U		Defaults to an observation subject that is a patient prior to replacing the Observation Subject Class with Fetus.
2			UIDREF	EV (121028,DCM, "Subject UID")	1	U		For longitudinal tracking of individual fetuses
3			TEXT	EV (121030,DCM, "Subject ID")	1	MC	IF row 4 is absent	For longitudinal tracking of individual fetuses (human readable value e.g. "A" or "1")
4			TEXT	EV (11951-1,LN, "Fetus ID")	1	MC	IF row 3 is absent	For separation of multiple fetuses during this procedure e.g. fetus '1" of '2" … not for longitudinal comparisons.; ie. the "m" of fetus "m" of "n" Units EV (1,UCUM,"1")
5			NUM	EV (11878-6,LN, "Number of Fetuses")	1	U		i.e. the "n" of fetus "m" of "n" Units EV (1,UCUM,"1")

TID 1009 SUBJECT CONTEXT, SPECIMEN

Identifies (and optionally describes) a specimen that is the subject.

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TID 1009
SUBJECT CONTEXT, SPECIMEN
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			UIDREF	EV (121039,DCM, "Specimen UID")	1	U		
2			TEXT	EV (121040,DCM, "Specimen Accession Number")	1	U		Defaults to value of Specimen Accession Number (0040,050A) in Specimen Identification Module
3			INCLUDE	DTID (1007) "patient subject context"	1	UC	IFF the source of the specimen is a human or animal patient	
4			TEXT	EV (121041,DCM, "Specimen Identifier")	1	U		Defaults to value of Specimen Identifier (0040,0551) if a single item of Specimen Sequence (0040,0550) is present in Specimen Identification Module
5			CODE	EV (121042,DCM, "Specimen Type")	1	U		Defaults to value of Specimen Type Code Sequence (0040,059A) if a single item of Specimen Sequence (0040,0550) is present in Specimen Identification Module
6			TEXT	EV (121043,DCM, "Slide Identifier")	1	U		Defaults to value of Slide Identifier (0040,06FA) if a single item of Specimen Sequence (0040,0550) is present in Specimen Identification Module
7			UIDREF	EV (121044,DCM, "Slide UID")	1	U		

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TID 1200 LANGUAGE DESIGNATION

Defines a mechanism for specifying a language, optionally with designation of the country in which that language applies.

Note: For example, the French language could be specified unmodified, or French as written in France or Canada could be distinguished.

TID 1200
LANGUAGE DESIGNATION
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(121045,DCM,"Language")	1	M		DCID(5000)
2	>	HAS CONCEPT MOD	CODE	(121046,DCM,"Country of Language")	1	U		DCID(5001)

TID 1201 LANGUAGE OF VALUE

Defines a mechanism for specifying the language in which the value of the parent content item (only) is written. Does not specify the language of the Concept Name of the parent content item, nor of any other descendants of the parent content item.

TID 1201
LANGUAGE OF VALUE
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	CODE	(121047,DCM,"Language of Value")	1	M		DCID(5000)
2	>	HAS CONCEPT MOD	CODE	(121046,DCM,"Country of Language")	1	U		DCID(5001)

TID 1202 LANGUAGE OF NAME AND VALUE

Defines a mechanism for specifying the language in which the value and the Concept Name of the parent content item (only) is written. Does not specify the language of any other descendants of the parent content item.

TID 1202
LANGUAGE OF NAME AND VALUE
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	CODE	(121048,DCM,"Language of Name and Value")	1	M		DCID(5000)

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2	>	HAS CONCEPT MOD	CODE	(121046,DCM,"Country of Language")	1	U		DCID(5001)

TID 1204 LANGUAGE OF CONTENT ITEM AND DESCENDANTS

Defines a mechanism for specifying the language in which the value and the Concept Name of the parent content item and any other descendants of the parent content item is written.

TID 1204
LANGUAGE OF CONTENT ITEM AND DESCENDANTS
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	CODE	(121049,DCM,"Language of Content Item and Descendants")	1	M		DCID(5000)
2	>	HAS CONCEPT MOD	CODE	(121046,DCM,"Country of Language")	1	U		DCID(5001)

TID 1210 EQUIVALENT MEANING(S) OF CONCEPT NAME

Defines a mechanism for specifying one or more equivalent meanings for the Concept Name of the parent content item.

TID 1210
EQUIVALENT MEANING(S) OF CONCEPT NAME
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	TEXT	(121050,DCM,"Equivalent Meaning of Concept Name")	1-n	MC	XOR Row 3	Plain text equivalent of code meaning of the concept name of the content item being modified, in the specified language from the specified country, using the default character set or a character set selected from Specified Character Set
2	>		INCLUDE	DTID(1201) Language of Value	1	U		
3		HAS CONCEPT MOD	CODE	(121050,DCM,"Equivalent Meaning of Concept Name")	1-n	MC	XOR Row 1	
4	>		INCLUDE	DTID(1201) Language of Value	1	U		

TID 1211 EQUIVALENT MEANING(S) OF VALUE

Defines a mechanism for specifying one or more equivalent meanings for the Value of the parent content item.

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TID 1211
EQUIVALENT MEANING(S) OF VALUE
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	TEXT	(121051,DCM,"Equivalent Meaning of Value")	1-n	MC	XOR Row 3	Plain text equivalent of code meaning of the value of the content item being modified, in the specified language from the specified country, using the default character set or a character set selected from Specified Character Set
2	>		INCLUDE	DTID(1201) Language of Value	1	U		
3		HAS CONCEPT MOD	CODE	(121051,DCM,"Equivalent Meaning of Value")	1-n	MC	XOR Row 1	
4	>		INCLUDE	DTID(1201) Language of Value	1	U		

Notes. 1. For example, to describe a longer, more meaningful equivalent (in the same language) for a procedure code than is defined in a coding scheme:

CODE:(121023,DCM,"Procedure Code")=
(50291CC,ICD10PCS,"IMAGING:CNS:CT:SELLA:LOWOSMOLAR:IT,U,E:2PLANE3D")

> *Has Concept Mod* TEXT:(121051,DCM,"Equivalent meaning of value")="imaging study central nervous system of the sella turcica/pituitary gland with low osmolar contrast intrathecal, unenhanced and enhanced, in two planes with 3D reconstructions"

2. For example, to specify a concept name and value in both French and English in Canada:

CODE:(cv,csd,"Anatomy")=(T-04000,SNM3,"Breast")

> *Has Concept Mod* CODE:(121048,DCM,"Language of name and value")=(eng,ISO639_2,"English")

>> *Has Concept Mod* CODE:(121046,DCM,"Country of language")=(CA,ISO3166_1,"Canada")

> *Has Concept Mod* CODE: (121050,DCM,"Equivalent meaning of concept name")=(cv,csd,"Anatomie")

>> *Has Concept Mod* CODE: (121047,DCM,"Langue de la valeur")=(fra,ISO639_2,"Français")

>>> *Has Concept Mod* CODE: (121046,DCM,"Pays de la langue")=(CA,ISO3166_1,"Canada")

> *Has Concept Mod* CODE: (121051,DCM,"Equivalent meaning of value")=(T-04000,SNM3,"Sein")

>> *Has Concept Mod* CODE: (121047,DCM,"Langue de la valeur")=(fra,ISO639_2,"Français")

>>> *Has Concept Mod* CODE: (121046,DCM,"Pays de la langue")=(CA,ISO3166_1,"Canada")

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TID 1350 NEGATION MODIFIER, PRESENCE OF FINDING

Concept Name Modifier for negation of the presence of a finding represented by a post-coordinated concept.

Notes. 1. For example, negation modifier applied to "sclera" in the post-coordinated structure:

CODE: anatomic location = "bile duct"

> HAS PROPERTY -- CODE: morphology = "distention"

>> HAS CONCEPT MOD -- CODE – “presence of property” = "absent"

means: “bile duct distention not present”

2. The presence-negation modifier modifies the entire post-coordinated concept, not just the source content item of the HAS CONCEPT MOD relationship. The entire branch of the tree from the content item is included in the post-coordinated structure that is negated.

TID 1350
NEGATION MODIFIER, PRESENCE OF FINDING
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS CONCEPT MOD	CODE	EV(121052,DCM,”Presence of property”)	1	M		EV (121053,DCM, "Present") or EV (121054,DCM, "Absent")

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TID 1400 LINEAR MEASUREMENT TEMPLATE

TID 1400
LINEAR MEASUREMENT
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	DCID (7470) “Linear Measurements”	1	M		UNITS = DCID(7460) “Units of Linear Measurement”
2	>	INFERRED FROM	SCOORD	EV (121055,DCM, “Path”)	1	UC	XOR Row 5	
3	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 4	
4	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 3	
5	>	INFERRED FROM	SCOORD	EV (121230, DCM, “Path Vertex”)	2-n	UC	XOR Row 2	
6	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 7	
7	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 6	

Content Item Descriptions

Row 2 “Path” Path shall represent the measured path or a projection of the measured path in the image. The Graphic Type (0070,0023) of the Path SCOORD shall be:

- an open POLYLINE with two different points (to measure length, diameter, distance, proximity, etc),
- a CIRCLE or ELLIPSE (to measure circumference) or
- an open or closed POLYLINE (closed polygon) to measure path length (open) or perimeter (closed).

Row 5 "Path Vertex" A measured path that traverses two or more images (e.g., the ends of the path are in different cross-sectional plane images) shall be identified by vertices along the path. The Path Vertices shall be ordered by the order of their SCOORD Content Items to identify the measured path. The Graphic Type (0070,0023) of each SCOORD shall be POINT

TID 1401 AREA MEASUREMENT TEMPLATE

TID 1401
AREA MEASUREMENT
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	DCID(7471) “Area Measurements”	1	M		Value shall be > 0 UNITS = DCID(7461) “Units of Area Measurement”

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
2	>	INFERRED FROM	SCOORD	EV (121056,DCM, “Area Outline”)	1	MC	Shall be present if concept name of Row 1 is (121202,DCM, “Area of Defined Region”). May be present otherwise.	Graphic Type shall not be MULTIPOINT
3	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 4	
4	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 3	

Content Item Descriptions

Row 2 “Area Outline” A Graphic Type of POINT implies that the object is a single pixel and the object’s area is the area of the pixel. Otherwise the type shall be a closed POLYLINE (start and end point the same) or a CIRCLE or an ELLIPSE.

TID 1402 VOLUME MEASUREMENT TEMPLATE

TID 1402
VOLUME MEASUREMENT
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	DCID(7472) “Volume Measurements”	1	M		Value shall be > 0 UNITS = DCID(7462) “Units of Volume Measurement”
2	>	INFERRED FROM	SCOORD	EV (121057,DCM, “Perimeter Outline”)	1-n	U		Graphic Type shall not be MULTIPOINT
3	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 4	
4	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 3	

Content Item Descriptions

Row 2 “Perimeter Outline” The two dimensional perimeter of the volume’s intersection with or projection into the image. A Graphic Data Type of POINT implies that the volume’s intersection or projection in a plane is a single pixel. A single pixel projection perimeter cannot cause a volume calculation to become 0.

Otherwise the type shall be a closed POLYLINE (start and end point the same) or a CIRCLE or an ELLIPSE.

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TID 1404 NUMERIC MEASUREMENT TEMPLATE

TID 1404
NUMERIC MEASUREMENT
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	No baseline CID	1	M		Units = DCID (82) Units of Measurement
2	>	INFERRED FROM	SCOORD	No baseline CID	1-n	UC	XOR Row 5, 6	
3	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 4	
4	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 3	
5	>	R-INFERRED FROM	IMAGE	BCID (7003) Diagnostic Imaging Report Purposes of Reference	1-n	UC	XOR Row 2,6	
6	>	INFERRED FROM	IMAGE	BCID (7003) Diagnostic Imaging Report Purposes of Reference	1-n	U	XOR Row 2,5	

Content Item Descriptions

Row 2 The SCOORD may indicate the points or area where the measurement was taken (e.g., a POINT showing the pixel location of a density measurement, or an open POLYLINE of three points showing the calculation of an angle).

Rows 3,5 Valid only in IODs that permit relationships by-reference.

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TID 2000 BASIC DIAGNOSTIC IMAGING REPORT

Basic report template for general diagnostic imaging interpretation reports.

Can only be instantiated at the root node and cannot be included in other templates.

TID 2000
BASIC DIAGNOSTIC IMAGING REPORT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	BCID(7000) Diagnostic Imaging Report Document Titles	1	M		Root node
2	>	HAS CONCEPT MOD	CODE	EV (121058,DCM,"Procedure reported")	1-n	U		
3	>	HAS CONCEPT MOD	INCLUDE	DTID(1204) Language of Content Item and Descendants	1	M		
4	>	HAS CONCEPT MOD	INCLUDE	DTID (1210) Equivalent Meaning of Concept Name	1-n	U		
5	>	HAS OBS CONTEXT	INCLUDE	DTID(1001) Observation Context	1	M		
6	>	CONTAINS	CONTAINER	BCID(7001) Diagnostic Imaging Report Headings	1-n	U		
7	>>	HAS OBS CONTEXT	INCLUDE	DTID(1001) Observation Context	1	U		
8	>>	CONTAINS	CODE	BCID(7002) Diagnostic Imaging Report Elements	1-n	U		
9	>>>	INFERRED FROM	INCLUDE	DTID(2001)Basic Diagnostic Imaging Report Observations	1-n	U		
10	>>	CONTAINS	TEXT	BCID(7002) Diagnostic Imaging Report Elements	1-n	U		
11	>>>	INFERRED FROM	INCLUDE	DTID(2001)Basic Diagnostic Imaging Report Observations	1-n	U		
12	>>	CONTAINS	INCLUDE	DTID(2001)Basic Diagnostic Imaging Report Observations	1-n	U		

No content items other than those defined in Observation Context TID 1001 may be the target of a HAS OBS CONTEXT relationship when TID 2000 is invoked.

TID 2001 BASIC DIAGNOSTIC IMAGING REPORT OBSERVATIONS

Individual numeric or image observations that may be useful for inclusion as individual findings or as the source of inferences in a report.

TID 2001
BASIC DIAGNOSTIC IMAGING REPORT OBSERVATIONS
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint

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1			IMAGE	BCID(7003) Diagnostic Imaging Report Purposes of Reference	1	MC	XOR Rows 2,3,4,5.	
2			INCLUDE	TID(1400) Linear Measurements	1	MC	XOR Rows 1,3,4,5. Shall not be present if the NUM value type is not supported by the IOD.	
3			INCLUDE	TID(1401) Area Measurements	1	MC	XOR Rows 1,2,4,5. Shall not be present if the NUM value type is not supported by the IOD.	
4			INCLUDE	TID(1402) Volume Measurements	1	MC	XOR Rows 1,2,3,5. Shall not be present if the NUM value type is not supported by the IOD.	
5			INCLUDE	TID (1404) Numeric Measurements	1	MC	XOR Rows 1,2,3,4. Shall not be present if the NUM value type is not supported by the IOD.	

TID 2010 KEY OBJECT SELECTION

The Key Object Selection template is intended for flagging one or more significant images, waveforms, or other composite SOP Instances. Key Object Selection contains:

- coded document title stating the reason for significance of the referenced objects in the Key Object Selection,
- optional free form text comment in an explicitly identified language, and
- optional identification of the observer (device or person) which created the Key Object Selection.

Notes: 1. For instance, when this template is used to identify images rejected for quality reasons, the device or person performing the quality assessment is identified in observation context items (invoked through TID 1002). The reason for rejection can be included both as a code used as a concept modifier for the document title, and as text description.

2. The order of object references may be significant, e.g., when the title concept is "For Conference".

The Template can only be instantiated at the root node and cannot be included in other templates. The Template is not extensible; that is, no other content items may be added to this template, or the templates that are included, recursively.

TID 2010
KEY OBJECT SELECTION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	DCID(7010) Key Object Selection Document Titles	1	M		Root node
2	>	HAS CONCEPT MOD	CODE	EV (113011, DCM, "Document Title Modifier")	1-n	U		

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3	>	HAS CONCEPT MOD	CODE	EV (113011, DCM, "Document Title Modifier")	1	UC	IF Row 1 Concept Name = (113001, DCM, "Rejected for Quality Reasons") or (113010, DCM," Quality Issue")	DCID (7011)
4	>	HAS CONCEPT MOD	CODE	EV (113011, DCM, "Document Title Modifier")	1	MC	IF Row 1 Concept Name = (113013, DCM, "Best In Set")	DCID (7012)
5	>	HAS CONCEPT MOD	INCLUDE	DTID(1204) Language of Content Item and Descendants	1	U		
6	>	HAS OBS CONTEXT	INCLUDE	DTID(1002) Observer Context	1	U		
7	>	CONTAINS	TEXT	EV(113012, DCM, ”Key Object Description”)	1	U		
8	>	CONTAINS	IMAGE	Purpose of Reference shall not be present	1-n	MC	At least one of Rows 7, 8, and 9 shall be present	
9	>	CONTAINS	WAVEFORM	Purpose of Reference shall not be present	1-n	MC	At least one of Rows 7, 8, and 9 shall be present	
10	>	CONTAINS	COMPOSITE	Purpose of Reference shall not be present	1-n	MC	At least one of Rows 7, 8, and 9 shall be present	Shall not reference another Key Object Selection Document

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MAMMOGRAPHY CAD SR IOD TEMPLATES

The templates that comprise the Mammography CAD SR IOD are interconnected as in Figure A-1:

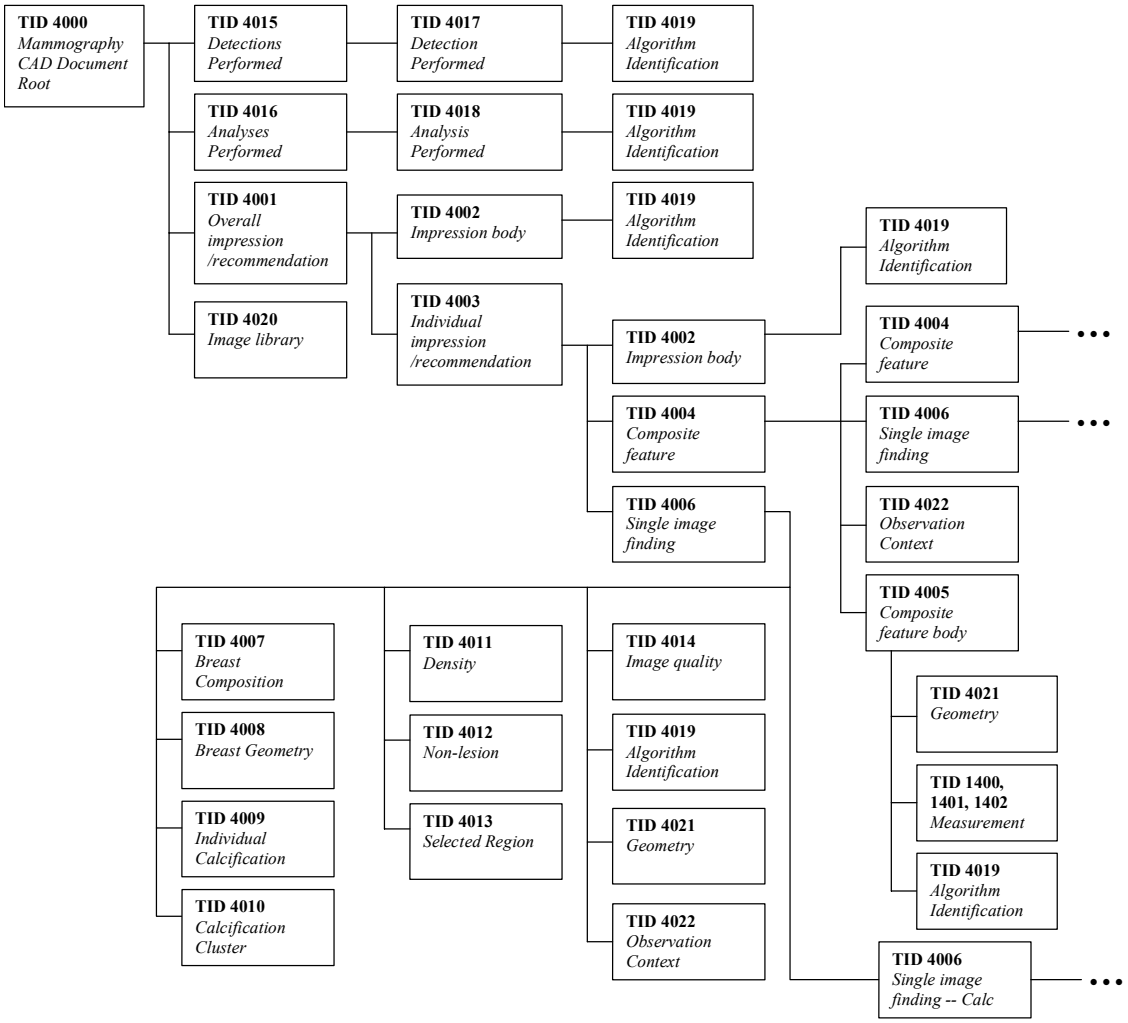

Figure A-1: Mammography CAD SR IOD Template Structure

In Figure A-1, '• • •' indicates possible recursive application of subordinate templates.

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TID 4000 Mammography CAD Document Root Template

This template forms the top of a content tree that allows a mammography CAD device to describe the results of detection and analysis of Mammographic evidence. This template, together with its subordinate templates, describes both the results for presentation to radiologists and partial product results for consumption by mammography CAD devices in subsequent mammography CAD reports.

This template defines a Container which contains an Image Library, the mammography CAD results, and summaries of the detection and analysis algorithms performed. The Image Library contains the Image SOP Class and Instance UIDs, and selected attributes for each image referenced in either the algorithm summaries or mammography CAD results.

The Summary of Detections and Summary of Analyses sub-trees gather lists of algorithms attempted, grouped by success/failure status. Algorithms not attempted are not mentioned in these sub-trees. This information forms the basis for understanding why a mammography CAD report may produce no (or fewer than anticipated) results. Mammography CAD results are constructed bottom-up, starting from Single Image Findings (see Template 4006), associated as Composite Features (see Template 4004), and from which Individual and Overall Impressions are formed.

See the figure entitled “Top Levels of Mammography CAD SR Content Tree” in the “Mammography CAD SR Content Tree Structure” Annex of PS 3.3.

TID 4000
MAMMOGRAPHY CAD DOCUMENT ROOT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV(111036, DCM, “Mammography CAD Report”)	1	M		
2	>	HAS CONCEPT MOD	INCLUDE	DTID (1204) “Language of Content Item and Descendants”	1	M		
3	>	CONTAINS	CONTAINER	EV(111028, DCM, “Image Library”)	1	M		
4	>>	CONTAINS	INCLUDE	DTID (4020) “CAD Image Library Entry”	1-n	M		$ImageLaterality = DCID (6022) “Side”, $ImageView = DCID (4014) “View for Mammography”, $ImageViewMod = DCID (4015) “View Modifier for Mammography”
5	>	CONTAINS	INCLUDE	DTID (4001) “Mammography CAD Overall Impression / Recommendation”	1	M		
6	>	CONTAINS	CODE	EV(111064, DCM, “Summary of Detections”)	1	M		DCID (6042) “Status of Results”
7	>>	INFERRED FROM	INCLUDE	DTID (4015) “CAD Detections Performed”	1	MC	Shall be present unless the value of (111064, DCM, “Summary of Detections”) is (111225, DCM, “Not Attempted”)	$DetectionCode = DCID (6014) “Mammography Single Image Finding”
8	>	CONTAINS	CODE	EV(111065, DCM, “Summary of Analyses”)	1	M		DCID (6042) “Status of Results”
9	>>	INFERRED FROM	INCLUDE	DTID (4016) “CAD Analyses Performed”	1	MC	Shall be present unless the value of (111065, DCM, “Summary of Analyses”) is (111225, DCM, “Not Attempted”)	$AnalysisCode = DCID (6043) “Types of Mammography CAD Analysis”

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Content Item Descriptions

Image Library	The "Image Library" section of the Content Tree (TID 4000, row 3) shall include all Image SOP Instances from the Current Requested Procedure Evidence Sequence (0040,A375) attribute of the SR Document General module. If a portion of another instance of a Mammography CAD SR IOD is duplicated in the "Overall Impression/ Recommendation" section of the Content Tree, the "Image Library" shall also include all Image Library Entries referenced from the duplicated portions of the Mammography CAD SR.
Detections Performed	The "Detections Performed" and "Analyses Performed" sections of the Content Tree (TID 4000, rows 6 and 8) together shall reference all Image SOP Instances included in the Current Requested Procedure Evidence Sequence (0040,A375) attribute of the SR Document General module.
Analyses Performed	

TID 4001 Mammography CAD Overall Impression/Recommendation Template

This template forms the top of the mammography CAD results sub-tree. The contents of this template describe the overall impression the mammography CAD device had for the mammographic evidence presented and any recommendations that the mammography CAD device made. The details of the overall impression and recommendation are expressed in this instance of the Mammography CAD Impression/Recommendation Body (see TID 4002). The data from which the details are inferred, are expressed in the Mammography CAD Individual Impression/Recommendations (see TID 4003), of which there may be several.

TID 4001
MAMMOGRAPHY CAD OVERALL IMPRESSION/RECOMMENDATION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111017, DCM, "CAD Processing and Findings Summary")	1	M		DCID (6047) "CAD Processing and Findings Summary"
2	>	HAS PROPERTIES	INCLUDE	DTID (4002) "Mammography CAD Impression/Recommendation Body"	1	U		
3	>	INFERRED FROM	INCLUDE	DTID (4003) "Mammography CAD Individual Impression/Recommendation"	1-n	MC	Shall be present if 1 or more (111059, DCM, "Single Image Finding") or (111015, DCM, "Composite Feature") content items are reported.	

Content Item Descriptions

CAD Processing and Findings Summary	This code value is used to express if and why the Overall Impression/Recommendation sub-tree is empty. The Summary of Detections and Summary of Analyses sub-trees of the Document Root node contain detail about which (if any) algorithms succeeded or failed. If the code value indicates that there were no findings, then the code value can be used to determine whether mammography CAD processing occurred successfully, without parsing the Summary of Detections and Summary of Analyses sub-trees.

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TID 4002 Mammography CAD Impression/Recommendation Body Template

The details of an impression and recommendation are expressed in this template. It is applied to both Mammography CAD Overall Impression/Recommendation (TID 4001) and Mammography CAD Individual Impression/Recommendation (TID 4003).

TID 4002
MAMMOGRAPHY CAD IMPRESSION/RECOMMENDATION BODY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111005, DCM, "Assessment Category")	1	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present.	DCID (6026) "Mammography Assessment"
2			CODE	(111023, DCM, "Differential Diagnosis/ Impression")	1-n	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present.	DCID (6002) "Change Since Last Mammogram or Prior Surgery"
3			TEXT	(111033, DCM, "Impression Description")	1	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present.	
4			CODE	(111053, DCM, "Recommended Follow-up")	1-n	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present.	DCID (6028) "Mammography Recommended Follow-up"
5			NUM	(111055, DCM, "Recommended Follow-up Interval")	1	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present. May be present only if (111054, DCM, "Recommended Follow-up Date") is not present.	UNITS = DCID (6046) "Units of Follow-up Interval"; Values = Integer $\geq$ 0, where 0 = immediate follow-up
6			DATE	(111054, DCM, "Recommended Follow-up Date")	1	MC	At least one of rows 1, 2, 3, 4, 5, 6 shall be present. May be present only if (111055, DCM, "Recommended Follow-up Interval") is not present.	Shall be later than date of exam
7			NUM	(111013, DCM, "Certainty of impression")	1	UC	May be present only if (111005, DCM, "Assessment Category"), (111023, DCM, "Differential Diagnosis/Impression") or (111033, DCM, "Impression Description") is present.	UNITS = (%, UCUM, "Percent") Values = 0 – 100
8			INCLUDE	DTID (4019) "CAD Algorithm Identification"	1-n	M		

Content Item Descriptions

Certainty of Impression	The certainty that the device populating the Mammography CAD SR report places on this impression, where 0 equals no certainty and 100 equals certainty.
Impression Description	Free-form text describing the overall or an individual impression

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TID 4003 Mammography CAD Individual Impression/Recommendation Template

This template collects an individual impression the mammography CAD device had for a lesion, non-lesion object, or correlation of related objects. The details of the impression and recommendation are expressed in the Mammography CAD Impression/Recommendation Body (see TID 4002). The data from which the details are inferred are expressed in the Composite Features (see TID 4004) and/or Single Image Findings (see TID 4006) of which there may be several.

The sub-tree headed by this template is illustrated in PS 3.3 in the Annex on Mammography CAD SR Content Tree Structure.

TID 4003
MAMMOGRAPHY CAD INDIVIDUAL IMPRESSION/RECOMMENDATION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	(111034, DCM, "Individual Impression/ Recommendation")	1	M		
2	>	HAS CONCEPT MOD	CODE	(111056, DCM, "Rendering Intent")	1	M		DCID (6034) "Intended Use of CAD Output"
3	>	CONTAINS	INCLUDE	DTID (4002) "Mammography CAD Impression / Recommendation Body"	1	U		
4	>	CONTAINS	INCLUDE	DTID (4004) "Mammography CAD Composite Feature"	1-n	MC	At least one of rows 4, 5 shall be present.	
5	>	CONTAINS	INCLUDE	DTID (4006) "Mammography CAD Single Image Finding"	1-n	MC	At least one of rows 4, 5 shall be present.	

Content Item Descriptions

Rendering Intent	This content item constrains the SCP receiving the Mammography CAD SR IOD in its use of the contents of this template and its target content items. Mammography CAD devices may opt to use data marked "Not for Presentation" or "Presentation Optional" as input to subsequent mammography CAD processing steps. Refer to PS 3.4, Annex O Structured Reporting Standard SOP Classes for SCU and SCP Behavior.

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TID 4004 Mammography CAD Composite Feature Template

This template collects a composite feature for a lesion, non-lesion object, or correlation of related objects. The details of the composition are expressed in the Mammography CAD Composite Feature Body (see TID 4005). The data from which the details are inferred, are expressed in the Composite Features (see TID 4004) and/or Single Image Findings (see TID 4006), of which there may be several.

A Composite Feature shall be INFERRED FROM any combination of two or more Composite Features or Single Image Findings or mixture thereof.

TID 4004
MAMMOGRAPHY CAD COMPOSITE FEATURE
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111015, DCM, "Composite Feature")	1	M		DCID (6016) "Mammography Composite Feature"
2	>	HAS CONCEPT MOD	CODE	(111056, DCM, "Rendering Intent")	1	M		DCID (6034) "Intended Use of CAD Output"
3	>	HAS PROPERTIES	INCLUDE	DTID (4005) "Mammography CAD Composite Feature Body"	1	M		
4	>	INFERRED FROM	INCLUDE	DTID (4004) "Mammography CAD Composite Feature"	1-n	MC	At least two items shall be present: two of row 4, two of row 5, or one of each.	
5	>	INFERRED FROM	INCLUDE	DTID (4006) "Mammography CAD Single Image Finding"	1-n	MC	At least two items shall be present: two of row 4, two of row 5, or one of each.	
6	>	HAS OBS CONTEXT	INCLUDE	DTID (4022) "CAD Observation Context"	1	MC	Shall be present only if this feature is incorporated from a different report than its parent.	

Content Item Descriptions

Rendering Intent	This content item constrains the SCP receiving the Mammography CAD SR IOD in its use of the contents of this template and its target content items. Mammography CAD devices may opt to use data marked "Not for Presentation" or "Presentation Optional" as input to subsequent mammography CAD processing steps. Refer to PS 3.4, Annex O Structured Reporting Standard SOP Classes for SCU and SCP Behavior.

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TID 4005 Mammography CAD Composite Feature Body Template

The details of a composite feature are expressed in this template. It is applied to Mammography CAD Composite Feature (TID 4004).

TID 4005
MAMMOGRAPHY CAD COMPOSITE FEATURE BODY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111016, DCM, "Composite type")	1	M		DCID (6035) "Composite Feature Relations ". The value shall be (111155, DCM, "Target content items are related contra-laterally") if the parent content item has code value (F-01792, SRT, "Focal asymmetric breast tissue") or (F-01793, SRT, "Asymmetric breast tissue").
2			CODE	(111057, DCM, "Scope of Feature")	1	M		DCID (6036) "Scope of Feature"
3			INCLUDE	DTID (4019) "CAD Algorithm Identification"	1	M		
4			NUM	(111011, DCM, "Certainty of Feature")	1	U		UNITS = (%, UCUM, "Percent") Value = 0 – 100
5			NUM	(111047, DCM, "Probability of cancer")	1	UC	May be present only if value of parent is not (111102, DCM, "Non-lesion")	UNITS = (%, UCUM, "Percent") Value = 0 – 100
6			CODE	(111042, DCM, "Pathology")	1-n	U		BCID (6030) "Mammography Pathology Codes"
7			INCLUDE	DTID (1400) "Linear Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1400) "Linear Measurement" shall be used.
8			INCLUDE	DTID (1401) "Area Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1401) "Area Measurement" shall be used.
9			INCLUDE	DTID (1402) "Volume Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1402) "Volume Measurement" shall be used.
10			INCLUDE	DTID (4021) "Mammography CAD Geometry"	1-n	U		
11			NUM	DCID (6037) "Mammography Quantitative Temporal Difference Type"	1-n	UC	May be present only if the value of (111016, DCM, "Composite type") is (111153, DCM, "Target content items are related temporally")	UNITS = DCID (7460) "Units of Linear Measurement", DCID (7461) "Units of Area Measurement", DCID (7462) "Units of Volume Measurement" or (1, UCUM, "Unity")
12	>	R-INFERRED FROM	NUM		2	U		The referenced numeric values shall have the same Concept Name. Their UNITS shall be the same as row 11
13			CODE	(111049, DCM, "Qualitative Difference")	1-n	UC	May be present only if the value of (111016, DCM, "Composite type") is (111153, DCM, "Target content items are related temporally")	DCID (6038) "Mammography Qualitative Temporal Difference Type"

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
14	>	HAS PROPERTIES	TEXT	(111021, DCM, "Description of Change")	1	U		
15	>	R-INFERRED FROM	CODE		2	M		The referenced code values shall have the same Concept Name and be from the same context group.
16			CODE	(111048, DCM, "Quadrant location")	1	U		DCID (6020) "Quadrant Location"
17			CODE	(111014, DCM, "Clockface or region")	1	U		DCID (6018) "Clockface Location"
18			CODE	(111020, DCM, "Depth")	1	U		DCID (6024) "Depth"
19			CODE	(111035, DCM, "Lesion Density")	1	UC	May be present only if value of parent is (F-01791, SRT, "Mammographic breast mass") or (F-01796,SRT,"Mammography breast density")	DCID (6008) "Density Modifier"
20			CODE	(M-020F9, SNM3, "Shape")	1	UC	May be present only if value of parent is (F-01791, SRT, "Mammographic breast mass") or (F-01796,SRT,"Mammography breast density")	DCID (6004) "Mammography Characteristics of Shape"
21			CODE	(111037, DCM, "Margins")	1-n	UC	May be present only if value of parent is (F-01791, SRT, "Mammographic breast mass") or (F-01796,SRT,"Mammography breast density")	DCID (6006) "Mammography Characteristics of Margin"
22			CODE	(111009, DCM, "Calcification Type")	1-n	UC	May be present only if value of parent is (F-01775,SRT, "Calcification Cluster") or (F-01776,SRT, "Individual Calcification")	DCID (6010) "Mammography Calcification Types"
23			CODE	(111008, DCM, "Calcification Distribution")	1	UC	May be present only if value of parent is (F-01775,SRT, "Calcification Cluster")	DCID (6012) "Calcification Distribution Modifier"
24			NUM	(111038, DCM, "Number of calcifications")	1	UC	May be present only if value of parent is (F-01775,SRT, "Calcification Cluster")	UNITS = (1, UCUM, "Unity") Value = Integer 1 – n

Content Item Descriptions

Certainty of Feature	The likelihood that the feature analyzed, and classified by the CODE specified in the Composite Feature parent template, is in fact that type of feature.
Volume Measurement	If dimensions for a volume are to be stated in terms of length, width, and depth, then one shall use 3 instances of TID (1400) Linear Measurement.
Row 11	Values ≤ 0 are allowed. The two referenced numeric values are target content items of the first generation Composite Feature or Single Image Finding children of this composite feature. Given the equation, A – B, the value representing A shall be referenced first.
Qualitative Difference	The two referenced code values are target content items of the first generation Composite Feature or Single Image Finding children of this composite feature.

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TID 4006 Mammography CAD Single Image Finding Template

This template describes a single image finding for a lesion or other object. The details of the finding are expressed in this template and/or more specific templates. The details from which a single image Calcification Cluster is inferred may be expressed in a number of Single Image Findings (see TID 4006) of type Individual Calcification.

A Single Image Finding of type Breast Composition may be INFERRED FROM by-reference to a Single Image Finding of type Breast Geometry.

TID 4006
MAMMOGRAPHY CAD SINGLE IMAGE FINDING
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV(111059, DCM, “Single Image Finding”)	1	M		DCID (6014) “Mammography Single Image Finding”
2	>	HAS CONCEPT MOD	CODE	EV(111056, DCM, “Rendering Intent”)	1	M		DCID (6034) “Intended Use of CAD Output”
3	>	HAS PROPERTIES	INCLUDE	DTID (4019) “CAD Algorithm Identification”	1	M		
4	>	HAS PROPERTIES	NUM	EV(111012, DCM, “Certainty of Finding”)	1	U		UNITS = EV(%, UCUM, “Percent”) Value = 0 – 100
5	>	HAS PROPERTIES	NUM	EV(111047, DCM, “Probability of cancer”)	1	UC	May be present unless value of parent is (F-01710,SRT, “Breast composition”), (111100, DCM, “Breast geometry”), (T-04100, SNM3, “Nipple”), (111099, DCM, “Selected region”), (111101, DCM, “Image quality”) or (111102, DCM, “Non-lesion”)	UNITS = EV(%, UCUM, “Percent”) Value = 0 – 100
6	>	HAS PROPERTIES	INCLUDE	DTID (4021) “Mammography CAD Geometry”	1	MC	Shall be present unless value of parent is (F-01710,SRT, “Breast composition”), (111100, DCM, “Breast geometry”) or (111101, DCM, “Image quality”)	
7	>	HAS PROPERTIES	INCLUDE	DTID (4007) “Mammography CAD Breast Composition”	1	MC	Shall be present only if value of parent is (F-01710,SRT, “Breast composition”)	
8	>	R-INFERRED FROM	CODE		1-n	UC	May be present only if value of parent is (F-01710,SRT, “Breast composition”)	Shall reference a (111059, DCM, “Single Image Finding”) of value: EV (111100, DCM, “Breast geometry”)
9	>	HAS PROPERTIES	INCLUDE	DTID (4008) “Mammography CAD Breast Geometry”	1	MC	Shall be present only if value of parent is (111100, DCM, “Breast geometry”)	
10	>	HAS PROPERTIES	INCLUDE	DTID (4009) “Mammography CAD Individual Calcification”	1	UC	May be present only if value of parent is (F-01776,SRT, “Individual Calcification”)	
11	>	HAS PROPERTIES	INCLUDE	DTID (4010) “Mammography CAD Calcification Cluster”	1	UC	May be present only if value of parent is (F-01775,SRT, “Calcification Cluster”)	
12	>	HAS PROPERTIES	INCLUDE	DTID (4011) “Mammography CAD Density”	1	UC	May be present only if value of parent is (F-01796,SRT,”Mammography breast density”)	

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
13	>	HAS PROPERTIES	CODE	EV(111297,DCM, “Nipple Characteristic”)	1	UC	May be present only if value of parent is (T-04100, SNM3, “Nipple”)	DCID (6039) “Nipple Characteristic”
14	>	HAS PROPERTIES	INCLUDE	DTID (4012) “Mammography CAD Non-Lesion”	1	MC	Shall be present only if value of parent is (111102, DCM, “Non-lesion”)	
15	>	HAS PROPERTIES	INCLUDE	DTID (4013) “Mammography CAD Selected Region”	1	MC	Shall be present only if value of parent is (111099, DCM, “Selected Region”)	
16	>	R-INFERRED FROM	IMAGE		1	MC	Shall be present only if value of parent is (111101, DCM, “Image quality”) and row 17 is not present	Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)
17	>	HAS PROPERTIES	SCOORD	EV(111030, DCM, “Image Region”)	1-n	MC	Shall be present only if value of parent is (111101, DCM, “Image quality”) and row 16 is not present	
18	>>	R-SELECTED FROM	IMAGE		1	M		All the (111030, DCM, “Image Region”) content items in a single invocation of this template shall reference the same IMAGE content item in the (111028, DCM, “Image Library”)
19	>	HAS PROPERTIES	INCLUDE	DTID (4014) “CAD Image Quality”	1-n	MC	Shall be present only if value of parent is (111101, DCM, “Image quality”)	$QualityFinding = DCID (6041) “Mammography Image Quality Finding”, $QualityStandard = DCID (6045) “Mammography Types of Quality Control Standard”
20	>	INFERRED FROM	INCLUDE	DTID (4006) “Mammography CAD Single Image Finding”	1-n	UC	May be present only if value of parent is (F-01775,SRT, “Calcification Cluster”)	EV (F-01776,SRT, “Individual Calcification”)
21	>	HAS OBS CONTEXT	INCLUDE	DTID (4022) “CAD Observation Context”	1	MC	Shall be present only if this finding is incorporated from a different report than its parent.	

Content Item Descriptions

Rendering Intent	This content item constrains the SCP receiving the Mammography CAD SR IOD in its use of the contents of this template and its target content items. Mammography CAD devices may opt to use data marked “Not for Presentation” or “Presentation Optional” as input to subsequent mammography CAD processing steps. Refer to PS 3.4, Annex O Structured Reporting Storage SOP Classes for SCU and SCP Behavior.
Single Image Finding	A Single Image Finding (whose parent is a Single Image Finding of type Calcification Cluster) allows one level of nesting for the definition of individual calcifications within the cluster. To use this template recursively, this Single Image Finding code value shall be “Individual Calcification”.
Certainty of Finding	The likelihood that the finding detected, and classified by the CODE specified in the Single Image Finding parent template, is in fact that type of finding.

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TID 4007 Mammography CAD Breast Composition Template

TID 4007
MAMMOGRAPHY CAD BREAST COMPOSITION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(F-01710,SRT, “Breast composition”)	1	MC	At least one of row 1 or 2 shall be present	DCID (6000) “Overall Breast Composition”
2			NUM	(111046, DCM, “Percent Glandular Tissue”)	1	MC	At least one of row 1 or 2 shall be present	UNITS = (%, UCUM, “Percent”) Value = 0 – 100

Content Item Descriptions

Percent Glandular Tissue	Percent of breast area that is mammographically dense.

TID 4008 Mammography CAD Breast Geometry Template

TID 4008
MAMMOGRAPHY CAD BREAST GEOMETRY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			SCOORD	(111007, DCM, “Breast Outline Including Pectoral Muscle Tissue”)	1	M		Graphic Data Type = POLYLINE
2	>	R-SELECTED FROM	IMAGE		1	M		Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)
3			SCOORD	(111045, DCM, “Pectoral Muscle Outline”)	1	U		Graphic Data Type = POLYLINE
4	>	R-SELECTED FROM	IMAGE		1	M		Shall reference the same node as row 2

Content Item Descriptions

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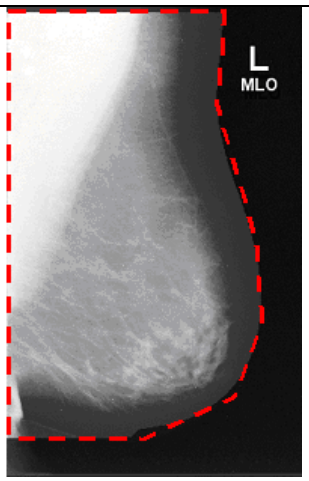
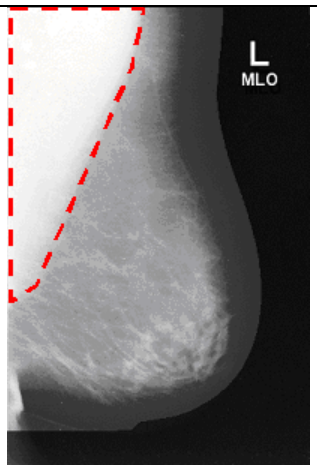
Breast Outline Including Pectoral Muscle Tissue	 Example	Pectoral Muscle Outline	 Example

TID 4009 Mammography CAD Individual Calcification Template

This template provides the detail specific to an individual calcification.

TID 4009
MAMMOGRAPHY CAD INDIVIDUAL CALCIFICATION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111009, DCM, “Calcification Type”)	1-n	MC	At least one of rows 1, 2, 3 shall be present	DCID (6010) “Mammography Calcification Types”
2			INCLUDE	DTID (1400) “Linear Measurement”	1-n	MC	At least one of rows 1, 2, 3 shall be present	The by-reference relationship to the IMAGE in TID (1400) “Linear Measurement” shall be used.
3			INCLUDE	DTID (1401) “Area Measurement”	1-n	MC	At least one of rows 1, 2, 3 shall be present	The by-reference relationship to the IMAGE in TID (1401) “Area Measurement” shall be used.

TID 4010 Mammography CAD Calcification Cluster Template

This template provides the detail specific to a calcification cluster.

TID 4010
MAMMOGRAPHY CAD CALCIFICATION CLUSTER
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111009, DCM, “Calcification Type”)	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	DCID (6010) “Mammography Calcification Types”
2			CODE	(111008, DCM, “Calcification Distribution”)	1	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	DCID (6012) “Calcification Distribution Modifier”
3			NUM	(111038, DCM, “Number of calcifications”)	1	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	UNITS = (1, UCUM, “Unity”) Value = Integer >= 1

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
4			INCLUDE	DTID (1400) “Linear Measurement”	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	The by-reference relationship to the IMAGE in TID (1400) “Linear Measurement” shall be used.
5			INCLUDE	DTID (1401) “Area Measurement”	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	The by-reference relationship to the IMAGE in TID (1401) “Area Measurement” shall be used.

TID 4011 Mammography CAD Density Template

This template provides the detail specific to a density.

TID 4011
MAMMOGRAPHY CAD DENSITY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111035, DCM, “Lesion Density”)	1	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	DCID (6008) “Density Modifier”
2			CODE	(M-020F9, SNM3, “Shape”)	1	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	DCID (6004) “Mammography Characteristics of Shape”
3			CODE	(111037, DCM, “Margins”)	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	DCID (6006) “Mammography Characteristics of Margin”
4			INCLUDE	DTID (1400) “Linear Measurement”	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	The by-reference relationship to the IMAGE in TID (1400) “Linear Measurement” shall be used.
5			INCLUDE	DTID (1401) “Area Measurement”	1-n	MC	At least one of rows 1, 2, 3, 4, 5 shall be present	The by-reference relationship to the IMAGE in TID (1401) “Area Measurement” shall be used.

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TID 4012 Mammography CAD Non-Lesion Template

This template provides the detail specific to a finding other than a lesion (see CID 6040).

TID 4012
MAMMOGRAPHY CAD NON-LESION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111039, DCM, "Object type")	1	M		DCID (6040) "Non-Lesion Object Type"
2			INCLUDE	DTID (1400) "Linear Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1400) "Linear Measurement" shall be used.
3			INCLUDE	DTID (1401) "Area Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1401) "Area Measurement" shall be used.

TID 4013 Mammography CAD Selected Region Template

This template provides the detail specific to a selected region. A selected region is any mammography CAD derived arbitrary region of the image, whether within the breast outline or not. This can be use to delineate regions such as the intramammary fold.

TID 4013
MAMMOGRAPHY CAD SELECTED REGION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			TEXT	(111058, DCM, "Selected Region Description")	1	M		
2			INCLUDE	DTID (1400) "Linear Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1400) "Linear Measurement" shall be used.
3			INCLUDE	DTID (1401) "Area Measurement"	1-n	U		The by-reference relationship to the IMAGE in TID (1401) "Area Measurement" shall be used.

TID 4014 CAD Image Quality Template

This template provides the detail specific to image quality. It allows the encoding of descriptors of image quality (e.g., CID 6041) for a given image or region of an image. For instance, images with partial motion blur can be identified with the region noted.

Parameter Name	Parameter Usage
$QualityFinding	Coded term or Context Group for Quality Finding
$QualityStandard	Coded term or Context Group for Quality Control Standard

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TID 4014
CAD IMAGE QUALITY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV(111052, DCM, “Quality Finding”)	1	M		$QualityFinding
2	>	HAS PROPERTIES	CODE	EV(111050, DCM, “Quality Assessment”)	1	U		DCID (6044) “Types of Image Quality Assessment”
3	>	HAS PROPERTIES	CODE	EV(111051, DCM, “Quality Control Standard”)	1	UC	Shall be present if row 2 is present.	$QualityStandard
4	>	HAS PROPERTIES	NUM	EV(111029, DCM, “Image Quality Rating”)	1	U		UNITS = EV({0-100}, UCUM, “Range 0:100”) Value = 0 – 100

Content Item Descriptions

Image Quality Rating	A numeric value in the range 0 to 100, inclusive, where 0 is worst quality and 100 is best quality.

TID 4015 CAD Detections Performed Template

This template gathers two lists of detection algorithms attempted, grouped by success/failure status. Algorithms not attempted are not mentioned in this sub-tree of the Document Root (e.g., TID 4000). This information forms the basis for understanding why a CAD report may produce no (or fewer than anticipated) detection results.

The sub-tree formed by this template is illustrated in PS 3.3 in the Annex on Mammography CAD SR Content Tree Structure.

Parameter Name	Parameter Usage
$DetectionCode	Coded term or Context Group for Detection Performed

TID 4015
CAD DETECTIONS PERFORMED
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV(111063, DCM, “Successful Detections”)	1	MC	Shall be present only if value of parent is (111222, DCM, “Succeeded”) or (111223, DCM, “Partially Succeeded”)	
2	>	CONTAINS	INCLUDE	DTID (4017) “CAD Detection Performed”	1-n	M		$DetectionCode = $DetectionCode
3			CONTAINER	EV(111025, DCM, “Failed Detections”)	1	MC	Shall be present only if value of parent is (111224, DCM, “Failed”) or (111223, DCM, “Partially Succeeded”)	
4	>	CONTAINS	INCLUDE	DTID (4017) “CAD Detection Performed”	1-n	M		$DetectionCode = $DetectionCode

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TID 4016 CAD Analyses Performed Template

This template gathers two lists of analysis algorithms attempted, grouped by success/failure status. Algorithms not attempted are not mentioned in this sub-tree of the Document Root (e.g., TID 4000). This information forms the basis for understanding why a CAD report may produce no (or fewer than anticipated) analysis results.

The sub-tree formed by this template is illustrated in PS 3.3 in the Annex on Mammography CAD SR Content Tree Structure.

Parameter Name	Parameter Usage
$AnalysisCode	Coded term or Context Group for Analysis Performed

TID 4016
CAD ANALYSES PERFORMED
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV(111062, DCM, “Successful Analyses”)	1	MC	Shall be present only if value of parent is (111222, DCM, “Succeeded”) or (111223, DCM, “Partially Succeeded”)	
2	>	CONTAINS	INCLUDE	DTID (4018) “CAD Analysis Performed”	1-n	M		$AnalysisCode=$AnalysisCode
3			CONTAINER	EV(111024, DCM, “Failed Analyses”)	1	MC	Shall be present only if value of parent is (111224, DCM, “Failed”) or (111223, DCM, “Partially Succeeded”)	
4	>	CONTAINS	INCLUDE	DTID (4018) “CAD Analysis Performed”	1-n	M		$AnalysisCode=$AnalysisCode

TID 4017 CAD Detection Performed Template

This template fully identifies a detection algorithm and the images and/or image regions on which it operated (see TID 4015).

Parameter Name	Parameter Usage
$DetectionCode	Coded term or Context Group for Detection Performed

TID 4017
CAD DETECTION PERFORMED
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV(111022, DCM, “Detection Performed”)	1	M		$DetectionCode
2	>	HAS PROPERTIES	INCLUDE	DTID (4019) “CAD Algorithm Identification”	1	M		

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3	>	HAS PROPERTIES	IMAGE		1-n	MC	At least one of row 3, 4, 5 or 6 shall be present	
4	>	R-HAS PROPERTIES	IMAGE		1-n	MC	At least one of row 3,5 or 6 shall be present	Shall reference IMAGE content item(s) in the (111028, DCM, “Image Library”)
5	>	HAS PROPERTIES	UIDREF	EV(112002,DCM,”Series Instance UID”)	1-n	MC	At least one of row 3,5 or 6 shall be present	
6	>	HAS PROPERTIES	SCOORD	EV(111030, DCM, “Image Region”)	1-n	MC	At least one of row 3,5 or 6 shall be present	
7		SELECTED FROM	IMAGE		1	MC	XOR row 8	
8	>>	R-SELECTED FROM	IMAGE		1	MC	XOR row 7	Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)

Content Item Descriptions

CAD Algorithm Identification	If more than one detection algorithm has the same “Detection Performed” code value (e.g., CID 6014) then the “CAD Algorithm Identification” shall unambiguously distinguish between algorithms.
Rows 3 - 6	When this template is invoked for the Mammography CAD SR, the Image Library is mandatory, thus only row 4 and/or row 6 shall be present. When this template is invoked for the Chest CAD SR, the Image Library is optional, thus any combination of rows 3, 4, 5 and 6 may be present.
Rows 7 - 8	When this template is invoked for the Mammography CAD SR, the Image Library is mandatory, thus only row 8 shall be present. When this template is invoked for the Chest CAD SR, the Image Library is optional, thus row 7 or 8 may be present.

TID 4018 CAD Analysis Performed Template

This template fully identifies an analysis algorithm and the images and/or image regions on which it operated (see TID 4016).

Parameter Name	Parameter Usage
$AnalysisCode	Coded term or Context Group for Analysis Performed

TID 4018
CAD ANALYSIS PERFORMED
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV(111004, DCM, “Analysis Performed”)	1	M		$AnalysisCode

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
2	>	HAS PROPERTIES	INCLUDE	DTID (4019) "CAD Algorithm Identification"	1	M		
3	>	HAS PROPERTIES	IMAGE		1-n	MC	At least one of row 3, 4, 5 or 6 shall be present	
4	>	R-HAS PROPERTIES	IMAGE		1-n	MC	At least one of row 3, 4, 5 or 6 shall be present	Shall reference IMAGE content item(s) in the (111028, DCM, "Image Library")
5		HAS PROPERTIES	UIDREF	EV(112002,DCM,"Series Instance UID")	1-n	MC	At least one of row 3, 4, 5 or 6 shall be present	
6	>	HAS PROPERTIES	SCOORD	EV(111030, DCM, "Image Region")	1-n	MC	At least one of row 3, 4, 5 or 6 shall be present	
7		SELECTED FROM	IMAGE		1	MC	XOR Row 8	
8	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 7	Shall reference an IMAGE content item in the (111028, DCM, "Image Library")

Content Item Descriptions

CAD Algorithm Identification	If more than one analysis algorithm has the same "Analysis Performed" code value (e.g., CID 6043) then the "CAD Algorithm Identification" shall unambiguously distinguish between algorithms.
Rows 3 - 6	When this template is invoked for the Mammography CAD SR, the Image Library is mandatory, and a total of at least two instances of row 4 or row 6 shall be present. When this template is invoked for the Chest CAD SR, the Image Library is optional, thus any combination of rows 3, 4, 5 and 6 may be present.
Rows 7 - 8	When this template is invoked for the Mammography CAD SR, the Image Library is mandatory, thus only row 8 shall be present. When this template is invoked for the Chest CAD SR, the Image Library is optional, thus row 7 or 8 may be present.

TID 4019 CAD Algorithm Identification Template

This template details the algorithm unambiguously. Re-state the software identification from the General Equipment Module of the SR IOD if all algorithms are unambiguously defined by that module.

TID 4019
CAD ALGORITHM IDENTIFICATION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			TEXT	EV(111001, DCM, "Algorithm Name")	1	M		
2			TEXT	EV (111003, DCM, "Algorithm Version")	1	M		

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
3			TEXT	EV (111002, DCM, “Algorithm Parameters”)	1-n	U		

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TID 4020 CAD Image Library Entry Template

Each instance of the Image Library Entry template contains the Image SOP Class and Instance UIDs, and selected attributes for an image. If values for the attributes are not present in the Image SOP Instance, then as many of the attributes as possible should be derived.

Parameter Name	Parameter Usage
$ImageLaterality	Coded term or Context Group for Image Laterality
$ImageView	Coded term or Context Group for Image View
$ImageViewMod	Coded term or Context Group for Image View Modifier

TID 4020
CAD IMAGE LIBRARY ENTRY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			IMAGE		1	M		
2	>	HAS ACQ CONTEXT	CODE	EV(111027, DCM, “Image Laterality”)	1	MC	Shall be present if (0020,0062) is in the Image Instance	$ImageLaterality
3	>	HAS ACQ CONTEXT	CODE	EV (111031, DCM, “Image View”)	1	MC	Shall be present if (0054,0220) is in the Image Instance	$ImageView
4	>>	HAS CONCEPT MOD	CODE	EV (111032, DCM, “Image View Modifier”)	1	MC	Shall be present if (0054,0222) is in the Image Instance	$ImageViewMod
5	>	HAS ACQ CONTEXT	TEXT	EV (111044, DCM, “Patient Orientation Row”)	1	MC	Shall be present if (0020,0020) is in the Image Instance	
6	>	HAS ACQ CONTEXT	TEXT	EV (111043, DCM, “Patient Orientation Column”)	1	MC	Shall be present if (0020,0020) is in the Image Instance	
7	>	HAS ACQ CONTEXT	DATE	EV (111060, DCM, “Study Date”)	1	MC	Shall be present if (0008,0020) is in the Image Instance	
8	>	HAS ACQ CONTEXT	TIME	EV (111061, DCM, “Study Time”)	1	MC	Shall be present if (0008,0030) is in the Image Instance	
9	>	HAS ACQ CONTEXT	DATE	EV (111018, DCM, “Content Date”)	1	MC	Shall be present if (0008,0023) is in the Image Instance	
10	>	HAS ACQ CONTEXT	TIME	EV (111019, DCM, “Content Time”)	1	MC	Shall be present if (0008,0033) is in the Image Instance	
11	>	HAS ACQ CONTEXT	NUM	EV (111026, DCM, “Horizontal Imager Pixel Spacing”)	1	MC	Shall be present if (0018,1164) is in the Image Instance	UNITS = EV (um, UCUM, “micrometer”)
12	>	HAS ACQ CONTEXT	NUM	EV (111066, DCM, “Vertical Imager Pixel Spacing”)	1	MC	Shall be present if (0018,1164) is in the Image Instance	UNITS = EV (um, UCUM, “micrometer”)
13	>	HAS ACQ CONTEXT	NUM	EV (112011, DCM, “Positioner Primary Angle”)	1	UC	May be present if (0018,1510) is in the Image Instance	
14	>	HAS ACQ CONTEXT	NUM	EV (112011, DCM, “Positioner Secondary Angle”)	1	UC	May be present if (0018,1511) is in the Image Instance	

Content Item Descriptions

Patient Orientation Row	First (row) and Second (column) components of Patient Orientation

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Patient Orientation Column	(0020,0020) in the Image IOD. See PS 3, C.7.6.1.1.1.
Horizontal Imager Pixel Spacing	The row (first) component of Imager Pixel Spacing (0018,1164) in the Image IOD. See PS 3, C.8.11.4. Convert the source spacing to micrometers.
Vertical Imager Pixel Spacing	The column (second) component of Imager Pixel Spacing (0018,1164) in the Image IOD. See PS 3, C.8.11.4. Convert the source spacing to micrometers.

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TID 4021 Mammography CAD Geometry Template

All geometry template invocations require specification of the location of the center of the object. Outline is optional.

TID 4021
MAMMOGRAPHY CAD GEOMETRY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			SCOORD	EV(111010, DCM, “Center”)	1	M		Graphic Data Type = POINT
2	>	R-SELECTED FROM	IMAGE		1	M		Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)
3			SCOORD	EV(111041, DCM, “Outline”)	1	U		
4	>	R-SELECTED FROM	IMAGE		1	M		Shall reference the same content item as row 2

TID 4022 CAD Observation Context Template

This template is invoked when a content item, which may be the “root” of a sub-tree, is paraphrased from a prior SR document.

TID 4022
CAD OBSERVATION CONTEXT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			COMPOSITE	EV(111040, DCM, “Original Source”)	1	MC	Shall be present if the original source is a DICOM object.	
2	>	HAS CONCEPT MOD	INCLUDE	DTID (1204) “Language of Content Item and Descendants”	1	M		
3			INCLUDE	DTID (1001) “Observation Context”	1	M		

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CHEST CAD SR IOD TEMPLATES

The templates that comprise the Chest CAD SR IOD are interconnected as in Figure A-2. In Figure A-2, '• • •' indicates possible recursive application of subordinate templates.

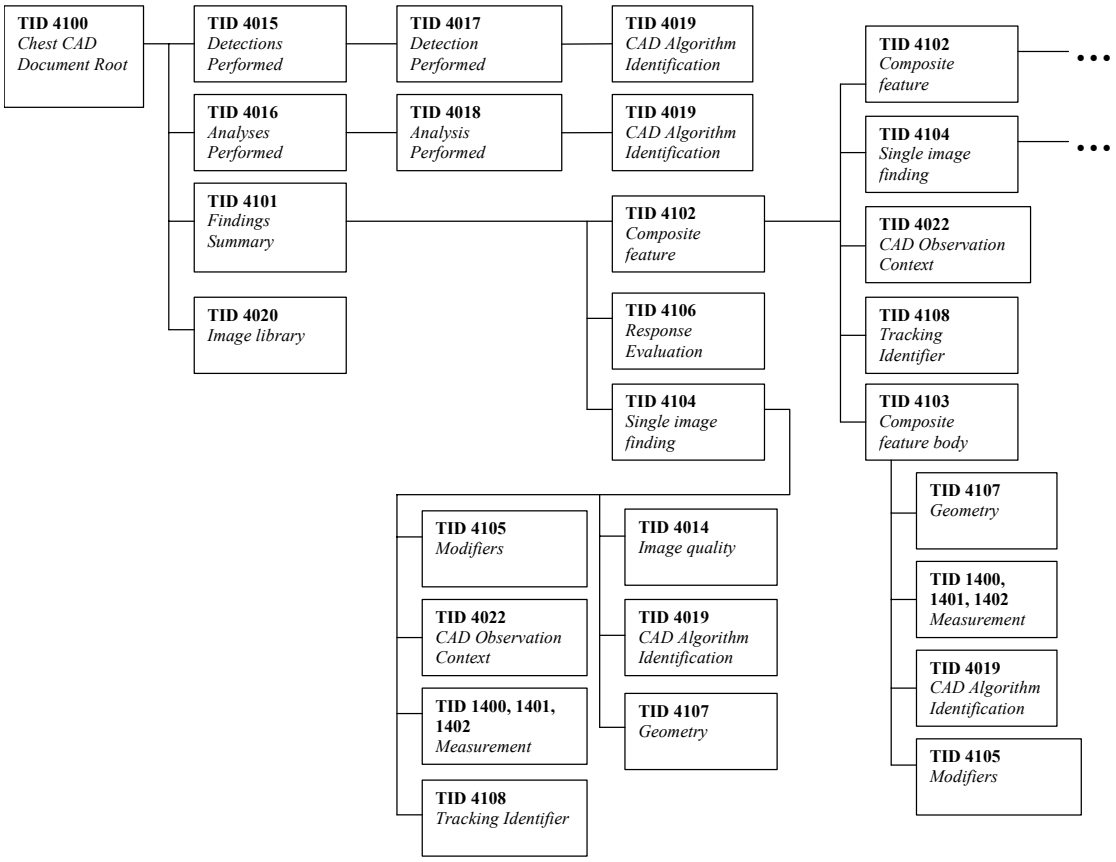

Figure A-2: Chest CAD SR IOD Template Structure

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TID 4100 Chest CAD Document Root Template

This template forms the top of a content tree that allows a chest CAD device to describe the results of detection and analysis of chest evidence. This template, together with its subordinate templates, describes both the results for presentation to radiologists and partial product results for consumption by chest CAD devices in subsequent chest CAD reports.

This template defines a Container that contains an Image Library, the CAD results, and summaries of the detection and analysis algorithms performed. The Image Library contains the Image SOP Class and Instance UIDs, and selected attributes for each image referenced in either the algorithm summaries or chest CAD results.

The atomic CAD results of Single Image Findings and Composite Features are described in the Chest CAD Findings Summary sub-tree.

The Summary of Detections and Summary of Analyses sub-trees gather lists of algorithms attempted, grouped by success/failure status. Algorithms not attempted are not mentioned in these sub-trees. This information forms the basis for understanding why a chest CAD report may produce no (or fewer than anticipated) results. Chest CAD results are constructed bottom-up, starting from Single Image Findings (see TID 4104), associated as Composite Features (see TID 4102).

See the figure entitled “Top Levels of Chest CAD SR Content Tree” in the “Chest CAD” Annex of PS 3.3.

TID 4100
CHEST CAD DOCUMENT ROOT
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (112000, DCM, “Chest CAD Report”)	1	M		
2	>	HAS CONCEPT MOD	INCLUDE	DTID (1204) Language of Content Item and Descendants	1	M		
3	>	CONTAINS	CONTAINER	EV (111028, DCM, “Image Library”)	1	U		
4	>>	CONTAINS	INCLUDE	DTID (4020) CAD Image Library Entry	1-n	M		$ImageLaterality = DCID (244) Laterality $ImageView = DCID (4010) DX View $ImageViewMod = DCID (4011) DX View Modifier
5	>	CONTAINS	INCLUDE	DTID (4101) Chest CAD Findings Summary	1	M		
6	>	CONTAINS	CODE	EV (111064, DCM, “Summary of Detections”)	1	M		DCID (6042) Status of Results
7	>>	INFERRED FROM	INCLUDE	DTID (4015) CAD Detections Performed	1	MC	Shall be present unless the value of row 6 is (111225, DCM, “Not Attempted”)	$DetectionCode = DCID (6101) Chest Finding or Feature, DCID (6102) Chest Finding or Feature Modifier
8	>	CONTAINS	CODE	EV (111065, DCM, “Summary of Analyses”)	1	M		DCID (6042) Status of Results
9	>>	INFERRED FROM	INCLUDE	DTID (4016) CAD Analyses Performed	1	MC	Shall be present unless the value of row 8 is (111225, DCM, “Not Attempted”)	$AnalysisCode = DCID (6137) Types of Chest CAD Analysis

Content Item Descriptions

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Image Library	The “Image Library” section of the Content Tree (TID 4100, row 3) may include all Image SOP Instances from the Current Requested Procedure Evidence Sequence (0040,A375) attribute of the SR Document General module. If a portion of another instance of a Chest CAD SR IOD is duplicated in the “Chest CAD Findings Summary” section of the Content Tree, the “Image Library” may also include all Image Library Entries referenced from the duplicated portions of the Chest CAD SR. The Image Library is intended to be used in cases where the acquisition context content items differ from image to image, such as different views and/or laterality in projection X-ray.
Detections Performed Analyses Performed	The “Detections Performed” and “Analyses Performed” sections of the Content Tree (TID 4100, rows 7 and 9) together shall reference all Image SOP Instances included in the Current Requested Procedure Evidence Sequence (0040,A375) attribute of the SR Document General module.

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TID 4101 Chest CAD Findings Summary Template

The contents of this template describe the findings and aggregate features that the chest CAD device detected for the chest evidence presented. This template forms the chest CAD results sub-tree of the Chest CAD Document Root (TID 4100). The data from which the details are inferred are expressed in the Composite Features (see TID 4102) and/or Single Image Findings (see TID 4104), of which there may be several.

The sub-tree headed by this template is illustrated in the figure entitled “Example of CAD Processing and Findings Summary sub-tree of Chest CAD SR Content Tree” in the “Chest CAD” Annex of PS 3.3.

TID 4101
CHEST CAD FINDINGS SUMMARY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (111017, DCM, “CAD Processing and Findings Summary”)	1	M		DCID (6047) CAD Processing and Findings Summary
2	>	INFERRED FROM	INCLUDE	DTID (4102) Chest CAD Composite Feature	1-n	U		
3	>	INFERRED FROM	INCLUDE	DTID (4104) Chest CAD Single Image Finding	1-n	U		
4	>	HAS PROPERTIES	INCLUDE	DTID (4106) Response Evaluation	1-n	U		

Content Item Descriptions

CAD Processing and Findings Summary	This code value is used to express if and why the Chest CAD Findings Summary sub-tree is empty. The Summary of Detections and Summary of Analyses sub-trees of the Document Root node contain detail about which (if any) algorithms succeeded or failed. If the code value indicates that there were no findings, then the code value can be used to determine whether chest CAD processing occurred successfully, without parsing the Summary of Detections and Summary of Analyses sub-trees.

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TID 4102 Chest CAD Composite Feature Template

This template collects a composite feature for a lesion, anatomy, non-lesion object, or correlation of related objects (see TID 4101). The details of the composition are expressed in the Chest CAD Composite Feature Body (see TID 4103). The data from which the details are inferred, are expressed in the Composite Features (see TID 4102) and/or Single Image Findings (see TID 4104), of which there may be several.

A Composite Feature shall be INFERRED FROM any combination of two or more Composite Features or Single Image Findings or mixture thereof.

TID 4102
CHEST CAD COMPOSITE FEATURE
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (111015, DCM, "Composite Feature")	1	M		DCID (6101) Chest Finding or Feature
2	>	HAS CONCEPT MOD	CODE	EV (112023, DCM, "Composite Feature Modifier")	1	U		DCID (6102) Chest Finding or Feature Modifier
3	>	HAS CONCEPT MOD	TEXT	EV (112050, DCM, "Anatomic Identifier")	1	U		
4	>	HAS CONCEPT MOD	CODE	EV (112003, DCM, "Associated Chest Component")	1	MC	Shall be present IFF value of row 1 is (112005, DCM, "Radiographic anatomy")	DCID (6100) Chest Component Categories
5	>	HAS CONCEPT MOD	CODE	EV (112037, DCM, "Non-lesion Modifier")	1	UC	May be present IFF value of row 1 is (111102, DCM, "Non-lesion")	DCID (6139) Non-lesion Modifiers
6	>	HAS CONCEPT MOD	CODE	EV (112038, DCM, "Osseous Modifier")	1	UC	May be present IFF value of row 2 is from DCID (6114) Osseous Anatomy Finding or Feature	DCID (6115) Osseous Anatomy Modifiers
7	>	HAS CONCEPT MOD	CODE	EV (111056, DCM, "Rendering Intent")	1	M		DCID (6034) Intended Use of CAD Output
8	>	HAS OBS CONTEXT	INCLUDE	DTID (4108) Tracking Identifier	1	U		
9	>	HAS OBS CONTEXT	CODE	EV (112016, DCM, "Baseline Category")	1	U		DCID (6145) Baseline Category
10	>	HAS OBS CONTEXT	INCLUDE	DTID (4022) CAD Observation Context	1	MC	Shall be present IFF this feature is duplicated from a different report than its parent.	
11	>	HAS OBS CONTEXT	INCLUDE	DTID (4019) CAD Algorithm Identification	1	M		
12	>	HAS PROPERTIES	INCLUDE	DTID (4103) Chest CAD Composite Feature Body	1	M		
13	>	INFERRED FROM	INCLUDE	DTID (4102) Chest CAD Composite Feature	1-n	MC	At least two items shall be present: two of row 13, two of row 14, or one of each.	
14	>	INFERRED FROM	INCLUDE	DTID (4104) Chest CAD Single Image Finding	1-n	MC	At least two items shall be present: two of row 13, two of row 14, or one of each.	

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Content Item Descriptions

Anatomic Identifier	An identifier of an anatomic feature when a multiplicity of features of that type may be present, such as “Rib 1”, “Rib 2” or thoracic vertebrae “T1” or “T2”.
Rendering Intent	This content item constrains the SCP receiving the Chest CAD SR IOD in its use of the contents of this template and its target content items. Chest CAD devices may opt to use data marked “Not for Presentation” or “Presentation Optional” as input to subsequent chest CAD processing steps. Refer to PS 3.4, Annex O Structured Reporting Standard SOP Classes for SCU and SCP Behavior.

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TID 4103 Chest CAD Composite Feature Body Template

The details of a composite feature are expressed in this template. It is applied to Chest CAD Composite Feature (TID 4102).

TID 4103
CHEST CAD COMPOSITE FEATURE BODY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (111016, DCM, "Composite type")	1	M		DCID (6035) Composite Feature Relations
2			CODE	EV (111057, DCM, "Scope of Feature")	1	M		DCID (6036) Scope of Feature
3			NUM	EV (111011, DCM, "Certainty of feature")	1	U		UNITS = EV (%, UCUM, "Percent") Value = 0 – 100
4			INCLUDE	DTID (4107) Chest CAD Geometry	1	U		
5			INCLUDE	DTID (1400) Linear Measurement	1-n	U		
6			INCLUDE	DTID (1401) Area Measurement	1-n	U		
7			INCLUDE	DTID (1402) Volume Measurement	1-n	U		
8			INCLUDE	DTID (4105) Chest CAD Descriptors	1	U		
9			NUM	DCID (6133) Chest Quantitative Temporal Difference Type	1-n	UC	May be present IFF the value of row 1 is (111153, DCM, "Target content items are related temporally")	
10	>	R-INFERRED FROM	NUM		2	U		The referenced numeric values shall have the same Concept Name. Their UNITS shall be the same as row 9
11			CODE	EV (111049, DCM, "Qualitative Difference")	1-n	UC	May be present only if the value of row 1 is (111153, DCM, "Target content items are related temporally")	DCID (6134) Chest Qualitative Temporal Difference Type
12	>	HAS PROPERTIES	TEXT	EV (111021, DCM, "Description of Change")	1	U		
13	>	R-INFERRED FROM	CODE		2	M		The referenced content items shall have the same Concept Name and their code values shall be from the same context group.

Content Item Descriptions

Certainty of Feature	The certainty of the CAD device that the feature analyzed and classified by the CODE, as specified in the Composite Feature parent template, is in fact that type of feature.
Volume Measurement	If dimensions for a volume are to be stated in terms of length, width, and depth, then one shall use 3 instances of TID (1400) Linear Measurement.

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Row 9	Values ≤ 0 are allowed. The two referenced numeric values are target content items of the first generation Composite Feature or Single Image Finding children of this composite feature. Given the equation, A – B, the value representing A shall be referenced first.
Qualitative Difference	The two referenced code values are target content items of the first generation Composite Feature or Single Image Finding children of this composite feature.

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TID 4104 Chest CAD Single Image Finding Template

This template describes a single image finding for a lesion or other object. The details of the finding are expressed in this template and/or more specific templates.

TID 4104
CHEST CAD SINGLE IMAGE FINDING
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (111059, DCM, “Single Image Finding”)	1	M		DCID (6101) Chest Finding or Feature
2	>	HAS CONCEPT MOD	CODE	EV (112024, DCM, “Single Image Finding Modifier”)	1	U		DCID (6102) Chest Finding or Feature Modifier
3	>	HAS CONCEPT MOD	TEXT	EV (112050, DCM, “Anatomic Identifier”)	1	U		
4	>	HAS CONCEPT MOD	CODE	EV (112003, DCM, “Associated Chest Component”)	1	MC	Shall be present IFF value of row 1 is (112005, DCM, “Radiographic anatomy”)	DCID (6100) Chest Component Categories
5	>	HAS CONCEPT MOD	CODE	EV (112037, DCM, “Non-lesion Modifier”)	1	UC	May be present IFF value of row 1 is (111102, DCM, ”Non-lesion”)	DCID (6139) Non-lesion Modifiers
6	>	HAS CONCEPT MOD	CODE	EV (111056, DCM, “Rendering Intent”)	1	M		DCID (6034) Intended Use of CAD Output
7	>	HAS OBS CONTEXT	INCLUDE	DTID (4108) Tracking Identifier	1	U		
8	>	HAS OBS CONTEXT	CODE	EV (112016, DCM, “Baseline Category”)	1	U		DCID (6145) Baseline Category
9	>	HAS OBS CONTEXT	INCLUDE	DTID (4022) CAD Observation Context	1	MC	Shall be present IFF this finding is duplicated from a different report than its parent.	
10	>	HAS OBS CONTEXT	INCLUDE	DTID (4019) CAD Algorithm Identification	1	M		
11	>	HAS PROPERTIES	NUM	EV (111012, DCM, “Certainty of Finding”)	1	U		UNITS = EV (%, UCUM, “Percent”) Value = 0 – 100
12	>	HAS PROPERTIES	TEXT	EV (111058, DCM, “Selected Region Description”)	1	MC	Shall be present IFF value of row 1 is (111099, DCM, “Selected region”)	
13	>	HAS PROPERTIES	INCLUDE	DTID (4107) Chest CAD Geometry	1	MC	Shall be present unless value of row 1 is (111101, DCM, “Image quality”)	
14	>	HAS PROPERTIES	INCLUDE	DTID (1400) Linear Measurement	1-n	U		
15	>	HAS PROPERTIES	INCLUDE	DTID (1401) Area Measurement	1-n	U		
16	>	HAS PROPERTIES	INCLUDE	DTID (1402) Volume Measurement	1-n	U		
17	>	HAS PROPERTIES	INCLUDE	DTID (4105) Chest CAD Descriptors	1	U		
18	>	INFERRED FROM	IMAGE		1	MC	Shall be present IFF value of row 1 is (111101, DCM, “Image quality”) and rows 19 and 20 are not present	

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	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
19	>	R-INFERRED FROM	IMAGE		1	MC	Shall be present IFF value of row 1 is (111101, DCM, “Image quality”) and rows 18 and 20 are not present	Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)
20	>	INFERRED FROM	SCOORD	EV (111030, DCM, “Image Region”)	1-n	MC	Shall be present IFF value of row 1 is (111101, DCM, “Image quality”) and rows 18 and 19 are not present	
21	>>	SELECTED FROM	IMAGE		1	MC	XOR row 22	All the row 20 content items in a single invocation of this template shall reference the same IMAGE
22	>>	R-SELECTED FROM	IMAGE		1	MC	XOR row 21	All the row 20 content items in a single invocation of this template shall reference the same IMAGE content item in the (111028, DCM, “Image Library”)
23	>	HAS PROPERTIES	INCLUDE	DTID (4014) CAD Image Quality	1	MC	Shall be present IFF value of row 1 is (111101, DCM, “Image quality”)	$QualityFinding = DCID (6135) Chest Image Quality Finding $QualityStandard = DCID (6136) Chest Types of Quality Control Standard

Content Item Descriptions

Anatomic Identifier	An identifier of an anatomic feature when a multiplicity of features of that type may be present, such as “Rib 1”, “Rib 2” or thoracic vertibrae “T1” or “T2”.
Rendering Intent	This content item constrains the SCP receiving the Chest CAD SR IOD in its use of the contents of this template and its target content items. Chest CAD devices may opt to use data marked “Not for Presentation” or “Presentation Optional” as input to subsequent chest CAD processing steps. Refer to PS 3.4, Annex O Structured Reporting Storage SOP Classes for SCU and SCP Behavior.
Certainty of Finding	The certainty of the CAD device that the finding detected and classified by the Single Image Finding CODE specified is in fact that type of finding.

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TID 4105 Chest CAD Descriptors

This template provides qualitative detail for a Single Image Finding or Composite Feature. It is applied to Chest CAD Composite Feature (TID 4102) and Chest CAD Single Image Finding (TID 4104).

TID 4105
CHEST CAD DESCRIPTORS
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (112025, DCM, "Size Descriptor")	1	U		DCID (6118) Size Descriptor
2			CODE	EV (112026, DCM, "Width Descriptor")	1	U		DCID (6107) Width Descriptor
3			CODE	EV (112015, DCM, "Border shape")	1	U		DCID (6119) Chest Border Shape
4			CODE	EV (112007, DCM, "Border definition")	1	U		DCID (6120) Chest Border Definition
5			CODE	EV (112014, DCM, "Orientation Descriptor")	1	U		DCID (6121) Chest Orientation Descriptor
6			CODE	EV (112009, DCM, "Type of Content")	1-n	U		DCID (6122) Chest Content Descriptor
7			CODE	EV (112027, DCM, "Opacity Descriptor")	1	U		DCID (6123) Chest Opacity Descriptor
8			CODE	EV (112013, DCM, "Location in Chest")	1	U		DCID (6124) Location in Chest
9			CODE	EV (G-C171, SRT, "Laterality")	1	U		DCID (244) Laterality
10			CODE	EV (112006, DCM, "Distribution Descriptor")	1-n	U		DCID (6128) Chest Distribution Descriptor
11			CODE	EV (112028, DCM, "Abnormal Distribution of Anatomic Structure")	1	U		DCID (6108) Chest Anatomic Structure Abnormal Distribution
12			CODE	EV (112008, DCM, "Site involvement")	1-n	U		DCID (6129) Chest Site Involvement
13			CODE	EV (G-C197, SRT, "Severity")	1	U		DCID (6130) Severity Descriptor
14			CODE	EV (112010, DCM, "Texture Descriptor")	1	U		DCID (6131) Chest Texture Descriptor
15			CODE	EV (112030, DCM, "Calcification Descriptor")	1	U		DCID (6132) Chest Calcification Descriptor
16			NUM	DCID (6142) Calculated Value	1-n	U		
17	>	HAS CONCEPT MOD	CODE	EV (121401, DCM, "Derivation")	1	M		DCID (6140) Calculation Methods
18	>	INFERRED FROM	NUM	EV (112032, DCM, "Threshold Attenuation Coefficient")	1	U		UNITS = EV ([hnsf'U], UCUM, "Hounsfield unit")
19	>	INFERRED FROM	TEXT	EV (112034, DCM, "Calculation Description")	1	U		
20			NUM	DCID (6141) Attenuation Coefficient Measurements	1-n	U		UNITS = EV ([hnsf'U], UCUM, "Hounsfield unit")

TID 4106 Response Evaluation

This template provides a means to report response evaluation to cancer treatment, based on a method such as RECIST or WHO.

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TID 4106
RESPONSE EVALUATION
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (112020, DCM, “Response Evaluation”)	1	M		
2	>	HAS OBS CONTEXT	CODE	EV (112021, DCM, “Response Evaluation Method”)	1	M		DT (112022, DCM “RECIST”) or DT (112029, DCM, “WHO”)
3	>	CONTAINS	CODE	EV (112048, DCM, “Current Response”)	1	U		DCID (6143) Response Criteria
4	>	CONTAINS	CODE	EV (112049, DCM, “Best Overall Response”)	1	U		DCID (6143) Response Criteria
5	>	CONTAINS	NUM	EV (112051, DCM, “Measurement of Response”)	1	U		UNITS not specified

TID 4107 Chest CAD Geometry Template

All geometry template invocations require specification of either the location of the center of the object, the outline, or both. Geometry is a property of single image findings (see TID 4104) and composite features (see TID 4103).

TID 4107
CHEST CAD GEOMETRY
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			SCOORD	EV (111010, DCM, “Center”)	1	MC	At least one of rows 1,4 shall be present.	Graphic Data Type = POINT
2	>	SELECTED FROM	IMAGE		1	MC	XOR row 3	
3	>	R-SELECTED FROM	IMAGE		1	MC	XOR row 2	Shall reference an IMAGE content item in the (111028, DCM, “Image Library”)
4			SCOORD	EV (111041, DCM, “Outline”)	1	MC	At least one of rows 1,4 shall be present.	
5	>	SELECTED FROM	IMAGE		1	MC	XOR row 6	Shall reference the same content item as row 2
6	>	R-SELECTED FROM	IMAGE		1	MC	XOR row 5	Shall reference the same content item as row 3

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TID 4108 Tracking Identifier

This template provides a means to identify an object for longitudinal tracking, potentially across multiple Structured Reports, over time.

TID 4108
TRACKING IDENTIFIER
Type: Non-Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			TEXT	EV (112039, DCM, "Tracking Identifier")	1	MC	At least one of row 1 or 2 shall be present.	A string of characters with case being non-significant. Leading and trailing spaces and control characters are forbidden.
2			UIDREF	EV (112040, DCM, "Tracking Unique Identifier")	1	MC	At least one of row 1 or 2 shall be present.	

Content Item Descriptions

Tracking Identifier	A human readable identifier for longitudinal tracking, e.g., "Watchlist Nodule 1".

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Annex B DCMR Context Groups (Normative)

This Annex specifies the content of Context Groups required by DICOM IODs.

Note: Section 2.1 of this Part defines the fields of Context Group tables.

CID 2 Anatomic Modifier

Context ID 2

Anatomic Modifier

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A100	Right
SNM3	G-A101	Left
SNM3	G-A102	Bilateral
SNM3	G-A103	Unilateral
SNM3	G-A104	Lateral
SNM3	G-A105	Anterior
SNM3	G-A106	Posterior
SNM3	G-A107	Cephalic
SNM3	G-A108	Caudal
SNM3	G-A109	Medial
SNM3	G-A110	Central
SNM3	G-A111	Peripheral
SNM3	G-A112	External
SNM3	G-A113	Internal
SNM3	G-A114	Intermediate
SNM3	G-A115	Inferior

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SNM3	G-A116	Superior
SNM3	G-A117	Transverse
SNM3	G-A118	Proximal
SNM3	G-A119	Distal
SNM3	G-A120	Postaxial
SNM3	G-A121	Preaxial
SNM3	G-A122	Apical
SNM3	G-A123	Basal
SNM3	G-A127	Afferent
SNM3	G-A128	Efferent
SNM3	G-A138	Coronal
SNM3	G-A139	Superficial
SNM3	G-A140	Deep
SNM3	G-A142	Horizontal
SNM3	G-A143	Longitudinal
SNM3	G-A144	Vertical
SNM3	G-A145	Sagittal
SNM3	G-A147	Axial
SNM3	G-A151	Extra-articular
SNM3	G-A168	Surface
SNM3	G-A169	Gutter
SNM3	G-A170	Hilar
SNM3	G-A171	Capsular
SNM3	G-A172	Subcapsular
SNM3	G-A174	Edge
SNM3	G-A180	Anterolateral
SNM3	G-A182	Posterolateral
SNM3	G-A15A	Intra-articular
SNM3	G-A428	Marginal

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CID 4 Anatomic Region

Context ID 4

Anatomic Region

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	T-04000	Breast, NOS
SNM3	T-04002	Upper inner quadrant of breast, NOS
SNM3	T-04003	Lower inner quadrant of breast, NOS
SNM3	T-04004	Upper outer quadrant of breast, NOS
SNM3	T-04005	Lower outer quadrant of breast, NOS
SNM3	T-11218	Suprasternal notch
SNM3	T-15200	Fontanel of skull, NOS
SNM3	T-15460	Wrist joint, NOS
SNM3	T-15750	Ankle joint, NOS
SNM3	T-21000	Nose, NOS
SNM3	T-23000	Nasopharynx, NOS
SNM3	T-24100	Larynx, NOS
SNM3	T-25000	Trachea, NOS
SNM3	T-26000	Bronchus, NOS
SNM3	T-28000	Lung, NOS
SNM3	T-32000	Heart, NOS
SNM3	T-32100	Atrium, NOS
SNM3	T-32400	Ventricle, NOS
SNM3	T-51000	Mouth, NOS
SNM3	T-53000	Tongue, NOS
SNM3	T-55000	Pharynx, NOS
SNM3	T-55300	Hypopharynx, NOS
SNM3	T-56000	Esophagus, NOS
SNM3	T-57000	Stomach, NOS
SNM3	T-58200	Duodenum, NOS
SNM3	T-58400	Jejunum, NOS
SNM3	T-58600	Ileum, NOS
SNM3	T-59300	Colon, NOS
SNM3	T-59600	Rectum, NOS
SNM3	T-60610	Bile duct, NOS
SNM3	T-62000	Liver, NOS
SNM3	T-63000	Gallbladder, NOS
SNM3	T-65000	Pancreas, NOS
SNM3	T-65010	Pancreatic duct, NOS
SNM3	T-71000	Kidney, NOS

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SNM3	T-72000	Renal pelvis, NOS
SNM3	T-72100	Calyx, NOS
SNM3	T-73000	Ureter, NOS
SNM3	T-74000	Bladder, NOS
SNM3	T-75000	Urethra, NOS
SNM3	T-81000	Vulva, NOS
SNM3	T-82000	Vagina, NOS
SNM3	T-83000	Uterus, NOS
SNM3	T-87000	Ovary, NOS
SNM3	T-91000	Penis, NOS
SNM3	T-94000	Testis, NOS
SNM3	T-98000	Scrotum, NOS
SNM3	T-A0100	Brain, NOS
SNM3	T-A7010	Spinal cord, NOS
SNM3	T-AA110	Sclera, NOS
SNM3	T-AA200	Cornea, NOS
SNM3	T-AA810	Eyelid, NOS
SNM3	T-AB000	Ear, NOS
SNM3	T-AB200	External auditory canal, NOS
SNM3	T-B3000	Adrenal gland, NOS
SNM3	T-B6000	Thyroid, NOS
SNM3	T-B7000	Parathyroid, NOS
SNM3	T-C3000	Spleen, NOS
SNM3	T-D1100	Head, NOS
SNM3	T-D1160	Scalp, NOS
SNM3	T-D1200	Face, NOS
SNM3	T-D1206	Buccal region of face
SNM3	T-D1206	Cheek, NOS
SNM3	T-D1212	Hypoglossal
SNM3	T-D1600	Neck, NOS
SNM3	T-D1603	Submandibular area
SNM3	T-D1620	Supraclavicular region of neck
SNM3	T-D2100	Back, NOS
SNM3	T-D2220	Shoulder, NOS
SNM3	T-D2310	Flank, NOS
SNM3	T-D2500	Hip, NOS
SNM3	T-D2600	Buttock, NOS
SNM3	T-D2600	Gluteal region
SNM3	T-D2700	Perineum, NOS
SNM3	T-D3000	Thorax, NOS
SNM3	T-D3300	Mediastinum, NOS
SNM3	T-D4000	Abdomen, NOS

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SNM3	T-D4110	Right upper quadrant of abdomen
SNM3	T-D4120	Right lower quadrant of abdomen
SNM3	T-D4130	Left upper quadrant of abdomen
SNM3	T-D4140	Left lower quadrant of abdomen
SNM3	T-D4200	Epigastric region
SNM3	T-D4240	Hypogastric region
SNM3	T-D4240	Suprapubic region
SNM3	T-D4450	Omental bursa
SNM3	T-D4600	Omentum, NOS
SNM3	T-D4900	Retroperitoneum, NOS
SNM3	T-D6000	Pelvis, NOS
SNM3	T-D6500	Broad ligament, NOS
SNM3	T-D8100	Axilla, NOS
SNM3	T-D8200	Arm, NOS
SNM3	T-D8300	Elbow, NOS
SNM3	T-D8700	Hand, NOS
SNM3	T-D9100	Thigh, NOS
SNM3	T-D9200	Knee, NOS
SNM3	T-D9310	Popliteal fossa
SNM3	T-D9400	Leg, NOS
SNM3	T-D9700	Foot, NOS
SNM3	A-04140	Vascular graft
SNM3	G-A15A	Intra-articular
SNM3	T-21300	Endo-nasal
SNM3	T-23050	Endo-nasopharyngeal
SNM3	T-32000	Endo-cardiac
SNM3	T-40000	Endo-vascular
SNM3	T-41000	Endo-arterial
SNM3	T-48000	Endo-venous
SNM3	T-56000	Endo-esophageal
SNM3	T-56000	Intra-esophageal
SNM3	T-59600	Endo-rectal
SNM3	T-71000	Endo-renal
SNM3	T-73000	Endo-ureteric
SNM3	T-74250	Endo-vesical
SNM3	T-75000	Endo-urethral
SNM3	T-82000	Endo-vaginal
SNM3	T-D14000	Intracranial
SNM3	T-D3000	Intra-thoracic

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SNM3	T-D3136	Parasternal
SNM3	T-D3213	Subxiphoid
SNM3	T-D4010	Intra-abdominal
SNM3	T-D4210	Subcostal
SNM3	T-D6221	Intra-pelvic
SNM3	T-D4212	Right hypochondriac region
SNM3	T-D4211	Left hypochondriac region
SNM3	T-D2300	Lumbar region
SNM3	T-D2342	Right lumbar region
SNM3	T-D2340	Left lumbar region
SNM3	T-D7000	Inguinal region
SNM3	T-D7010	Right inguinal region
SNM3	T-D7020	Left inguinal region
SNM3	T-D4230	Umbilical region

CID 5 Transducer Approach

Context ID 5

Transducer Approach

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A100	Right
SNM3	G-A101	Left
SNM3	G-A104	Lateral
SNM3	G-A105	Anterior
SNM3	G-A106	Posterior
SNM3	G-A108	Caudal
SNM3	G-A109	Medial
SNM3	G-A110	Central
SNM3	G-A111	Peripheral
SNM3	G-A112	External
SNM3	G-A113	Internal
SNM3	G-A115	Inferior
SNM3	G-A116	Superior
SNM3	G-A117	Transverse
SNM3	G-A118	Proximal
SNM3	G-A119	Distal

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SNM3	G-A122	Apical
SNM3	G-A168	Surface
SNM3	G-A599	Ascending
SNM3	G-A600	Descending
SNM3	T-03000	Subcutaneous tissue, NOS
SNM3	T-A1120	Dura mater
SNM3	T-A1280	Pia mater
SNM3	A-2C600	External prosthesis for sonographic procedure [Stand-off]
SNM3	A-2C602	Water bag prosthesis for imaging procedure
SNM3	A-2C604	Saline bag prosthesis for imaging procedure
SNM3	A-2C606	Gel prosthesis for imaging procedure
SNM3	G-A10A	Cranial
SNM3	G-A11A	Mid-longitudinal
SNM3	G-A11B	Parasagittal
SNM3	G-A12A	Intraluminal
SNM3	G-A16A	Capsule
SNM3	G-A16B	Lumen
SNM3	G-A16C	Contact
SNM3	G-A16D	Parenchyma

CID 6 Transducer Orientation

Context ID 6

Transducer Orientation

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A138	Coronal
SNM3	G-A143	Longitudinal
SNM3	G-A145	Sagittal
SNM3	G-A11B	Parasagittal
SNM3	G-A472	Oblique
SNM3	G-A185	Long axis
SNM3	G-A13B	Off axis
SNM3	G-A186	Short axis
SNM3	G-A191	Five chamber
SNM3	G-A19B	Two chamber
SNM3	G-A19C	Four chamber

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SNM3	R-11300	Transverse

CID 7 Ultrasound Beam Path

Context ID 7

Ultrasound Beam Path

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A1A9	Trans-hepatic
SNM3	G-A1B2	Trans-gastric
SNM3	G-A1A5	Trans-pleural
SNM3	G-A1B3	Trans-mural
SNM3	G-A1A8	Trans-orbital
SNM3	G-A1A6	Trans-pancreatic
SNM3	G-A1A4	Trans-renal
SNM3	G-D032	Trans-temporal
SNM3	G-A1A2	Trans-thecal
SNM3	G-A1A1	Trans-vesical
SNM3	G-A1A3	Trans-splenic
SNM3	G-D033	Trans-esophageal
SNM3	G-D001	Trans-abdominal
SNM3	G-D002	Trans-vaginal (endovaginal)

CID 8 Angiographic Interventional Devices

Context ID 8

Angiographic Interventional Devices

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	A-25500	Stent, NOS
SNM3	A-26800	Catheter, NOS
SNM3	A-81080	Laser
SNM3	C-20005	Glue
SNM3	A-25600	Atherectomy device
SNM3	A-25614	Embolization ball
SNM3	A-26912	Percutaneous transluminal angioplasty balloon
SNM3	A-25612	Embolization coil
SNM3	A-25612	Gianturco coil
SNM3	A-27322	Detachable balloon

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SNM3	A-26A06	Fixed object
SNM3	A-26A08	Grid
SNM3	A-26802	Guiding catheter
SNM3	A-25616	Embolization particulate
SNM3	A-25610	Rotational atherectomy device
SNM3	A-10141	Measuring ruler

CID 9 Image Guided Therapeutic Procedures

Context ID 9

Image Guided Therapeutic Procedures

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		F-39780	Vasoconstriction, NOS
SNM3		F-39800	Vasodilatation
SNM3		P1-03100	Biopsy, NOS
SNM3		P1-03176	Removal of foreign body, NOS
SNM3		P1-05035	Intra-arterial infusion of thrombolytic agent
SNM3		P1-05052	Irrigation following insertion of catheter
SNM3		P1-05535	Catheterization
SNM3		P1-30350	Atherectomy, NOS
SNM3		P1-30351	Atherectomy by rotary cutter
SNM3		P1-30352	Atherectomy by laser
SNM3		P1-30530	Selective embolization of artery
SNM3		P5-31500	Percutaneous transluminal balloon angioplasty, NOS
SNM3		P5-39010	Transcatheter therapy for embolization, NOS
SNM3		P5-39050	Percutaneous retrieval of intravascular foreign body, NOS
SNM3		P1-00018	Failed attempted procedure
SNM3		P1-05550	Stent placement
SNM3		P1-05536	Catheter manipulation
SNM3		P1-05537	Catheter replacement
SNM3		P1-05538	Occlusion of catheter
SNM3		P1-05539	Removal of catheter
SNM3		P5-39015	Transcatheter deployment of detachable balloon
SNM3		P5-39191	Percutaneous insertion of intravascular filter
SNM3		P1-86100	Amniocentesis
SNM3		P5-B8310	Ultrasonic guidance for amniocentesis

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SNM3		P1-86520	Amnioinfusion [injection of amnion]
SNM3		P1-86180	Intrauterine cordocentesis
SNM3		P1-28160	Thoracentesis
SNM3		P1-86E70	Breech Version [Obstetrical Version]
SRT	1.1	P1-86101	Decompression amniocentesis [decompression of amnion]
SNM3		P2-68060	Intrauterine transfusion
SRT	1.1	P1-86C50	Fetocide (selective reduction)
SRT	1.1	P1-93506	Prostaglandin injection

CID 10 Interventional Drug

Context ID 10

Interventional Drug

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-21005	Ethanol
SNM3	C-22947	Methylene blue
SNM3	C-51000	Antihistamine, NOS
SNM3	C-67770	Atropine
SNM3	C-72000	Diuretic, NOS
SNM3	C-80110	Antiarrhythmic drug, NOS
SNM3	C-80120	Inotropic agent, NOS
SNM3	C-80123	Cardiotonic drug, NOS
SNM3	C-80125	Cardiac depressant drug, NOS
SNM3	C-80130	Cardiac adrenergic blocking agent, NOS
SNM3	C-80131	Alpha-adrenergic blocking agent, NOS
SNM3	C-80135	beta-Adrenergic blocking agent, NOS
SNM3	C-80330	Digoxin
SNM3	C-80400	Lidocaine
SNM3	C-80401	Lidocaine hydrochloride
SNM3	C-80430	Nifedipine
SNM3	C-80450	Propranolol
SNM3	C-80460	Quinidine
SNM3	C-80490	Verapamil
SNM3	C-81100	Hypotensive agent, NOS
SNM3	C-81120	Centrally acting hypotensive agent, NOS
SNM3	C-81560	Nitroglycerin

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SNM3	C-A2010	Glucagon preparation
SNM3	C-A6500	Anticoagulant, NOS
SNM3	C-A6530	Warfarin
SNM3	C-A6540	Heparin
SNM3	C-A6700	Anti-heparin agent, NOS
SNM3	C-A6710	Protamine sulfate
SNM3	C-A6900	Coagulant, NOS
SNM3	C-A6920	Injectable fibrinogen
SNM3	C-A7000	Hemostatic agent, NOS
SNM3	C-A7001	Astringent drug, NOS
SNM3	C-A7021	Antihemophilic factor preparation
SNM3	C-A7040	Thrombin preparation
SNM3	C-A7042	Thromboplastin preparation
SNM3	C-A7220	Dextran
SNM3	C-A7400	Thrombolytic agent, NOS
SNM3	C-A7420	Streptokinase preparation
SNM3	C-A7430	Urokinase preparation
SNM3	C-A7440	Injectable fibrinolysin
SNM3	C-C2318	Priscoline hydrocholoride ampuls
SNM3	F-B2110	Epinephrine

CID 11 Route of Administration

Context ID 11

Route of Administration

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-D101	Intravenous route
SNM3	G-D102	Intra-arterial route
SNM3	G-D103	Intramuscular route
SNM3	G-D104	Subcutaneous route
SNM3	G-D105	Intracutaneous route
SNM3	G-D106	Intraperitoneal route
SNM3	G-D107	Intramedullary route
SNM3	G-D108	Intrathecal route
SNM3	G-D109	Intra-articular route
SNM3	G-D111	Intraepithelial route
SNM3	G-D112	Topical route

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SNM3	G-D140	Oral route
SNM3	G-D142	Transluminal route
SNM3	G-D144	Intraluminal route
SNM3	G-D146	Extraluminal route
SNM3	G-D150	By inhalation
SNM3	G-D160	Per rectum
SNM3	G-D164	Vaginal route

CID 12 Radiographic Contrast Agent

Context ID 12

Radiographic Contrast Agent

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	A-80230	Air, NOS
SNM3	C-10110	Oxygen, NOS
SNM3	C-10120	Water
SNM3	C-10520	Carbon dioxide, NOS
SNM3	C-12217	Barium Sulfate
SNM3	C-17800	Gadolinium, NOS
SNM3	C-B0300	Contrast agent, NOS
SNM3	C-B0310	Radiopaque medium, NOS
SNM3	C-B0312	Non radiopaque medium, NOS
SNM3	C-B0315	Bunamiodyl
SNM3	C-B0316	Chloriodized oil
SNM3	C-B0317	Diatrizoate
SNM3	C-B0318	Iodipamide
SNM3	C-B0319	Iodized oil
SNM3	C-B0323	Iodoalphionic acid
SNM3	C-B0324	Meglumine iodipamide
SNM3	C-B0325	Sodium iodipamide
SNM3	C-B0326	Iodamide meglumine
SNM3	C-B0327	Iodopyracet
SNM3	C-B0328	Iopanoic acid
SNM3	C-B0331	Iophendylate
SNM3	C-B0333	Iophenoxic acid
SNM3	C-B0335	Ipodate

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SNM3	C-B0337	Propyliodone
SNM3	C-B0338	Sodium acetrizoate
SNM3	C-B0341	Iodophthalein
SNM3	C-B0342	Sodium diprotrizoate
SNM3	C-B0344	Sodium iodomethamate
SNM3	C-B0345	Meglumine diatrizoate
SNM3	C-B0347	Sodium diatrizoate
SNM3	C-B0348	Metrizamide
SNM3	C-B0349	Sodium tyropanate
SNM3	C-B0301	Ionic iodinated contrast agent
SNM3	C-B0302	Non-ionic iodinated contrast agent

CID 18 Isotopes in Radiopharmaceuticals

Context ID 18

Isotopes in Radiopharmaceuticals

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-111A1	^18^Fluorine
SNM3	C-114A4	^123^Iodine
SNM3	C-114A6	^125^Iodine
SNM3	C-114B1	^131^Iodine
SNM3	C-122A5	^133^Barium
SNM3	C-131A2	^67^Gallium
SNM3	C-138A9	^201^Thallium
SNM3	C-144A3	^57^Cobalt
SNM3	C-145A4	^111^Indium
SNM3	C-163A8	^99m^Technetium
SNM3	C-172A8	^133^Xenon
SNM3	C-173A7	^85^Krypton
SNM3	C-178A8	^153^Gadolinium

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CID 19 Patient Orientation

Context ID 19

Patient Orientation

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	F-10440	erect
SNM3	F-10450	recumbent
SNM3	F-10460	semi-erect

CID 20 Patient Orientation Modifier

Context ID 20

Patient Orientation Modifier

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	F-10310	prone
SNM3	F-10316	semi-prone
SNM3	F-10318	lateral decubitus
SNM3	F-10320	standing
SNM3	F-10326	anatomical
SNM3	F-10330	kneeling
SNM3	F-10336	knee-chest
SNM3	F-10340	supine
SNM3	F-10346	lithotomy
SNM3	F-10348	Trendelenburg
SNM3	F-10349	inverse Trendelenburg
SNM3	F-10380	frog
SNM3	F-10390	stooped-over
SNM3	F-103A0	sitting
SNM3	F-10410	curled-up
SNM3	F-10317	right lateral decubitus
SNM3	F-10319	left lateral decubitus

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CID 21 Patient Gantry Relationship

Context ID 21

Patient Gantry Relationship

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	R-10516	oblique
SNM3	F-10470	headfirst
99SDM	G-5190	headfirst
SNM3	F-10480	feet-first
99SDM	G-5191	feet-first
SNM3	R-10515	transverse

Note: The NM IOD uses the G-5190 and G-5191 codes which are retired (and are not actually in SNOMED).

CID 23 Cranio-caudad Angulation

Context ID 23

Cranio-caudad Angulation

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A107	Cephalic
SNM3	G-A108	Caudal

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CID 25 Radiopharmaceuticals

Context ID 25

Radiopharmaceuticals

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-B1302	Carbon^14^ D-xylose
SNM3	C-B1300	Carbon^14^ triolein
SNM3	C-B1304	Cholyl-carbon^14^ glycine
SNM3	C-B1140	Chromic phosphate P^32^
SNM3	C-B1012	Chromium^51^ albumin
SNM3	C-B1013	Chromium^51^ chloride
SNM3	C-B1051	Colloidal gold Au^198^
SNM3	C-B1063	Colloidal Indium^111^
SNM3	C-B1017	Copper^64^ acetate
SNM3	C-B1016	Copper^64^ versenate
SNM3	C-B1018	Copper^67^ ceruloplasmin
SNM3	C-B1021	Cyanocobalamin Co^57^
SNM3	C-B1022	Cyanocobalamin Co^58^
SNM3	C-B1023	Cyanocobalamin Co^60^
SNM3	C-B1000	Diagnostic radioisotope, NOS
SNM3	C-B1092	Diiodofluorecein I^131^
SNM3	C-B1062	Disodium indium^111^
SNM3	C-B1122	Ferrous chloride Fe^59^
SNM3	C-B1121	Ferrous citrate Fe^59^
SNM3	C-B1123	Ferrous sulfate Fe^59^
SNM3	C-B1082	Fibrinogen I^123^
SNM3	C-B1031	Fluorodeoxyglucose F^18^
SNM3	C-B1041	Gallium^67^ citrate
SNM3	C-B1061	Indium^111^ pentetate
SNM3	C-B1066	Indium^111^ red cell label
SNM3	C-B1067	Indium^111^ transferrin
SNM3	C-B1065	Indium^111^-Fe(OH)>3<
SNM3	C-B1068	Indium^113^ bleomycin
SNM3	C-B1069	Indium^113^ chloride
SNM3	C-B1072	Indium^113^ oxoquinoline platelet label
SNM3	C-B1073	Indium^113^ oxoquinoline RBC label
SNM3	C-B1071	Indium^113^ oxoquinoline WBC label
SNM3	C-B1070	Indium^113^ pentetate
SNM3	C-B1084	Iodinated I^125^ albumin
SNM3	C-B1100	Iodinated I^125^ human serum albumin
SNM3	C-B1094	Iodinated I^125^ levothyroxine

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SNM3	C-B1093	Iodinated I^125^ oleic acid and triolein
SNM3	C-B1096	Iodinated I^125^ povidone
SNM3	C-B1097	Iodinated I^125^ Rose Bengal
SNM3	C-B1098	Iodinated I^125^ sealed source
SNM3	C-B1099	Iodinated I^125^ sodium iodine
SNM3	C-B1090	Iodinated I^131^ aggregated albumin
SNM3	C-B1089	Iodinated I^131^ albumin
SNM3	C-B1111	Iodinated I^131^ gamma globulin
SNM3	C-B1109	Iodine^131^ polyvinylpyrrolidone
SNM3	C-B1087	Iodocholesterol I^131^
SNM3	C-B1095	Iodohippurate I^123^ sodium
SNM3	C-B1105	Iodohippurate I^125^ sodium
SNM3	C-B1091	Iodohippurate I^131^ sodium
SNM3	C-B1108	Iofetamine I^123^ hydrochloride
SNM3	C-B1088	Iothalamate sodium I^125^
SNM3	C-B1124	Iron Fe^59^ labeled dextran
SNM3	C-B1083	Oleic acid I^125^
SNM3	C-B1251	Pentetate calcium trisodium Yb^169^
SNM3	C-B1151	Potassium carbonate K^42^
SNM3	C-B1152	Potassium chloride K^42^
SNM3	C-B1150	Potassium chloride K^43^
SNM3	C-B1085	Rose Bengal sodium I^131^
SNM3	C-B1172	Selenium^75^ HCAT
SNM3	C-B1171	Selenomethionione Se^75^
SNM3	C-B1176	Sodium chloride Na^22^
SNM3	C-B1175	Sodium chloride Na^24^
SNM3	C-B1011	Sodium chromate Cr^51^
SNM3	C-B1032	Sodium fluoride F^18^
SNM3	C-B1081	Sodium iodide I^123^
SNM3	C-B1086	Sodium iodide I^131^
SNM3	C-B1206	Sodium pertechnetate Tc^99m^
SNM3	C-B1142	Sodium phosphate P^32^
SNM3	C-B1180	Strontium chloride Sr^85^
SNM3	C-B1181	Strontium chloride Sr^87^
SNM3	C-B1182	Strontium nitrate Sr^85^
SNM3	C-B1183	Strontium nitrate Sr^87^
SNM3	C-B1225	Technetium Tc^99^ N-substituted iminodiacetate
SNM3	C-B1224	Technetium Tc^99^ tagged red cells

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SNM3	C-B1205	Technetium Tc^99c^ albumin microspheres
SNM3	C-B1207	Technetium Tc^99c^ disofenin
SNM3	C-B1223	Technetium Tc^99c^ exametazine
SNM3	C-B1210	Technetium Tc^99c^ iron ascorbate
SNM3	C-B1209	Technetium Tc^99c^ lidofenin
SNM3	C-B1208	Technetium Tc^99c^ mebrofenin
SNM3	C-B1212	Technetium Tc^99c^ medronate
SNM3	C-B1213	Technetium Tc^99c^ oxidronate
SNM3	C-B1214	Technetium Tc^99c^ pentetate
SNM3	C-B1215	Technetium Tc^99c^ pyro and polyphosphates
SNM3	C-B1216	Technetium Tc^99c^ serum albumin
SNM3	C-B1220	Technetium Tc^99c^ sodium glucoheptonate
SNM3	C-B1211	Technetium Tc^99c^ stannous etidronate
SNM3	C-B1221	Technetium Tc^99c^ succimer
SNM3	C-B1222	Technetium Tc^99c^ sulfur colloid
SNM3	C-B1200	Technetium Tc^99m^ aggregated albumin
SNM3	C-B1204	Technetium Tc^99m^ albumin colloid
SNM3	C-B1203	Technetium Tc^99m^ microaggregated albumin
SNM3	C-B1231	Thallous chloride Tl^201^
SNM3	C-B1010	Therapeutic radioisotope, NOS
SNM3	C-B1251	Yb^169^-DTPA - pentetate

CID 26 Nuclear Medicine Projections

Context ID 26

Nuclear Medicine Projections

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A138	Coronal
SNM3	G-A145	Sagittal
SNM3	G-A147	Axial
SNM3	G-5200	Antero-posterior
SNM3	G-5201	Postero-anterior
SNM3	G-5203	Frontal oblique
SNM3	G-5204	Antero-posterior oblique
SNM3	G-5205	Postero-anterior oblique
SNM3	G-5206	Right anterior oblique

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SNM3	G-5207	Left anterior oblique
SNM3	G-5208	Right posterior oblique
SNM3	G-5209	Left posterior oblique
SNM3	G-5210	Oblique axial
SNM3	G-5211	Frontal-oblique axial
SNM3	G-5212	Sagittal-oblique axial
SNM3	G-5213	Submento-vertex
SNM3	G-5214	Oblique submento-vertex
SNM3	G-5220	Medial-lateral
SNM3	G-5221	Lateral-medial
SNM3	G-5222	Right lateral projection
SNM3	G-5223	Left lateral projection
SNM3	G-5224	Medio-lateral oblique
SNM3	G-5225	Latero-medial oblique
SNM3	G-5226	Right to left oblique
SNM3	G-5227	Left to right oblique
SNM3	G-A117	Transaxial
SNM3	R-11300	Transverse
SNM3	G-A104	Lateral
SNM3	G-A186	Short Axis
SNM3	G-A18A	Vertical Long Axis
SNM3	G-A18B	Horizontal Long Axis

CID 29 Acquisition Modality

This Context Group includes codes that may be used to identify an image or waveform acquisition modality, as used in Attribute Modality (0008,0060) of a Composite SOP Instance Series Module (see PS3.3). It generally corresponds to a class of diagnostic equipment, or to a specific acquisition function or technique in a device.

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Context ID 29
Acquisition Modality
Type: Extensible Version: 20030108

Coding Scheme Designator	Code Value	Code Meaning
DCM	EPS	Cardiac Electrophysiology
DCM	CR	Computed Radiography
DCM	CT	Computed Tomography
DCM	DX	Digital Radiography
DCM	ECG	Electrocardiography
DCM	ES	Endoscopy
DCM	XC	External-camera Photography
DCM	GM	General Microscopy
DCM	HD	Hemodynamic Waveform
DCM	IO	Intra-oral Radiography
DCM	IVUS	Intravascular Ultrasound
DCM	MR	Magnetic Resonance
DCM	MG	Mammography
DCM	NM	Nuclear Medicine
DCM	PX	Panoramic X-Ray
DCM	PT	Positron emission tomography
DCM	RF	Radiofluoroscopy
DCM	RG	Radiographic imaging
DCM	RTIMAGE	Radiotherapy Image
DCM	SM	Slide Microscopy
DCM	US	Ultrasound
DCM	XA	X-Ray Angiography

CID 30 DICOM Devices

This Context Group includes codes that may be used to identify a class of equipment that uses DICOM.

Context ID 30
DICOM Devices
Type: Extensible Version: 20030108

Coding Scheme Designator	Code Value	Code Meaning
INCLUDE CID 29 Acquisition Modality		
DCM	ARCHIVE	Archive

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DCM	COMP	Computation Server
DCM	CAD	Computer Assisted Detection/Diagnosis
DCM	DSS	Department System Scheduler
DCM	FILMD	Film Digitizer
DCM	PRINT	Hard Copy Print Server
DCM	CAPTURE	Image Capture
DCM	LOG	Procedure Logging
DCM	RT	Radiation Therapy Device
DCM	WSD	Workstation

CID 42 Numeric Value Qualifier

CID 42
Numeric Value Qualifier

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	114000	Not a number
DCM	114001	Negative Infinity
DCM	114002	Positive Infinity
DCM	114003	Divide by zero
DCM	114004	Underflow
DCM	114005	Overflow
DCM	114006	Measurement failure
DCM	114007	Measurement not attempted
DCM	114008	Calculation failure
DCM	114009	Value out of range
DCM	114010	Value unknown
DCM	114011	Value indeterminate

CID 82 Units of Measurement

Context ID 82 – Units of Measurement

Not defined as a table of codes per se, but rather constructed from UCUM. See section 7.2.2.

CID 244 Laterality

Context ID 244
Laterality
Type: Non-Extensible Version: 20030108

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		G-A100	Right
SRT		G-A101	Left
SRT		G-A102	Right and left
SRT		G-A103	Unilateral

CID 3001 ECG Leads

Context ID 3001
ECG Leads

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SCPECG	1.3	5.6.3-9-73	Defibrillator lead: anterior-lateral
SCPECG	1.3	5.6.3-9-74	External pacing lead: anterior-posterior
SCPECG	1.3	5.6.3-9-27	Lead A
SCPECG	1.3	5.6.3-9-71	Lead A (Nehb – Anterior)
SCPECG	1.3	5.6.3-9-75	Lead A1 (Auxiliary unipolar lead 1)
SCPECG	1.3	5.6.3-9-76	Lead A2 (Auxiliary unipolar lead 2)
SCPECG	1.3	5.6.3-9-77	Lead A3 (Auxiliary unipolar lead 3)
SCPECG	1.3	5.6.3-9-78	Lead A4 (Auxiliary unipolar lead 4)
SCPECG	1.3	5.6.3-9-57	Lead A-cal
SCPECG	1.3	5.6.3-9-84	Lead A-cal (cal for Nehb – Anterior)
SCPECG	1.3	5.6.3-9-64	Lead aVF
SCPECG	1.3	5.6.3-9-63	Lead aVL
SCPECG	1.3	5.6.3-9-62	Lead aVR
SCPECG	1.3	5.6.3-9-65	Lead -aVR
SCPECG	1.3	5.6.3-9-26	Lead C
SCPECG	1.3	5.6.3-9-19	Lead CC5
SCPECG	1.3	5.6.3-9-49	Lead CC5-cal
SCPECG	1.3	5.6.3-9-56	Lead C-cal
SCPECG	1.3	5.6.3-9-20	Lead CM5
SCPECG	1.3	5.6.3-9-50	Lead CM5-cal
SCPECG	1.3	5.6.3-9-70	Lead D (Nehb – Dorsal)
SCPECG	1.3	5.6.3-9-83	Lead D-cal (cal for Nehb – Dorsal)
SCPECG	1.3	5.6.3-9-25	Lead E
SCPECG	1.3	5.6.3-9-55	Lead E-cal
SCPECG	1.3	5.6.3-9-29	Lead F
SCPECG	1.3	5.6.3-9-59	Lead F-cal

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SCPECG	1.3	5.6.3-9-30	Lead H
SCPECG	1.3	5.6.3-9-60	Lead H-cal
SCPECG	1.3	5.6.3-9-1	Lead I (Einthoven)
SCPECG	1.3	5.6.3-9-24	Lead I (Frank)
SCPECG	1.3	5.6.3-9-31	Lead I-cal (Einthoven)
SCPECG	1.3	5.6.3-9-54	Lead I-cal (Frank)
SCPECG	1.3	5.6.3-9-2	Lead II
SCPECG	1.3	5.6.3-9-32	Lead II-cal
SCPECG	1.3	5.6.3-9-61	Lead III
SCPECG	1.3	5.6.3-9-72	Lead J (Nehb – Inferior)
SCPECG	1.3	5.6.3-9-85	Lead J-cal (cal for Nehb – Inferior)
SCPECG	1.3	5.6.3-9-21	Lead Left Arm
SCPECG	1.3	5.6.3-9-51	Lead Left Arm-cal
SCPECG	1.3	5.6.3-9-23	Lead Left Leg
SCPECG	1.3	5.6.3-9-53	Lead Left Leg-cal
SCPECG	1.3	5.6.3-9-28	Lead M
SCPECG	1.3	5.6.3-9-58	Lead M-cal
SCPECG	1.3	5.6.3-9-22	Lead Right Arm
SCPECG	1.3	5.6.3-9-52	Lead Right Arm-cal
SCPECG	1.3	5.6.3-9-3	Lead V1
SCPECG	1.3	5.6.3-9-33	Lead V1-cal
SCPECG	1.3	5.6.3-9-4	Lead V2
SCPECG	1.3	5.6.3-9-34	Lead V2-cal
SCPECG	1.3	5.6.3-9-10	Lead V2R
SCPECG	1.3	5.6.3-9-40	Lead V2R-cal
SCPECG	1.3	5.6.3-9-5	Lead V3
SCPECG	1.3	5.6.3-9-35	Lead V3-cal
SCPECG	1.3	5.6.3-9-11	Lead V3R
SCPECG	1.3	5.6.3-9-41	Lead V3R-cal
SCPECG	1.3	5.6.3-9-6	Lead V4
SCPECG	1.3	5.6.3-9-36	Lead V4-cal
SCPECG	1.3	5.6.3-9-12	Lead V4R
SCPECG	1.3	5.6.3-9-42	Lead V4R-cal
SCPECG	1.3	5.6.3-9-7	Lead V5
SCPECG	1.3	5.6.3-9-37	Lead V5-cal
SCPECG	1.3	5.6.3-9-13	Lead V5R
SCPECG	1.3	5.6.3-9-43	Lead V5R-cal
SCPECG	1.3	5.6.3-9-8	Lead V6
SCPECG	1.3	5.6.3-9-38	Lead V6-cal
SCPECG	1.3	5.6.3-9-14	Lead V6R
SCPECG	1.3	5.6.3-9-44	Lead V6R-cal

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SCPECG	1.3	5.6.3-9-9	Lead V7
SCPECG	1.3	5.6.3-9-39	Lead V7-cal
SCPECG	1.3	5.6.3-9-15	Lead V7R
SCPECG	1.3	5.6.3-9-45	Lead V7R-cal
SCPECG	1.3	5.6.3-9-66	Lead V8
SCPECG	1.3	5.6.3-9-79	Lead V8-cal
SCPECG	1.3	5.6.3-9-68	Lead V8R
SCPECG	1.3	5.6.3-9-81	Lead V8R-cal
SCPECG	1.3	5.6.3-9-67	Lead V9
SCPECG	1.3	5.6.3-9-80	Lead V9-cal
SCPECG	1.3	5.6.3-9-69	Lead V9R
SCPECG	1.3	5.6.3-9-82	Lead V9R-cal
SCPECG	1.3	5.6.3-9-16	Lead X
SCPECG	1.3	5.6.3-9-46	Lead X-cal
SCPECG	1.3	5.6.3-9-17	Lead Y
SCPECG	1.3	5.6.3-9-47	Lead Y-cal
SCPECG	1.3	5.6.3-9-18	Lead Z
SCPECG	1.3	5.6.3-9-48	Lead Z-cal
SCPECG	1.3	5.6.3-9-0	Unspecified lead

CID 3003 Hemodynamic Waveform Sources

Context ID 3003
Hemodynamic Waveform Sources
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	G-DB22	Aortic pressure waveform
SRT	V1	G-DB31	Aortic valve pullback pressure waveform
SRT	V1	G-DB24	Arterial pressure waveform
SRT	V1	G-DB23	Central venous pressure waveform
SRT	V1	G-DB33	Dye dilution cardiac output waveform
SRT	V1	G-DB20	Femoral artery pressure waveform
SRT	V1	G-DB12	Hemodynamic flow waveform
SRT	V1	G-DB34	Hemodynamic impedance waveform
SRT	V1	G-DB13	Hemodynamic oxygen saturation waveform
SRT	V1	G-DB11	Hemodynamic pressure waveform
SRT	V1	G-DB10	Hemodynamic waveform, NOS
SRT	V1	G-DB19	Left atrium pressure waveform
SRT	V1	G-DB16	Left ventricle pressure waveform
SRT	V1	G-DB28	Mitral valve pullback pressure waveform
SRT	V1	G-DB25	Pulmonary artery oxygen saturation waveform

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SRT	V1	G-DB21	Pulmonary artery pressure waveform
SRT	V1	G-DB27	Pulmonary artery wedge pressure waveform
SRT	V1	G-DB26	Pulmonary capillary wedge pressure waveform
SRT	V1	G-DB30	Pulmonary valve pullback pressure waveform
SRT	V1	G-DB14	Respiration impedance waveform
SRT	V1	G-DB18	Right atrium pressure waveform
SRT	V1	G-DB17	Right ventricle pressure waveform
SRT	V1	G-DB15	Temperature waveform
SRT	V1	G-DB32	Thermal cardiac output waveform
SRT	V1	G-DB29	Tricuspid valve pullback pressure waveform

CID 3010 Cardiovascular Anatomic Locations

Context ID 3010
Cardiovascular Anatomic Locations
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SNM3	3.4	T-42500	Abdominal aorta
SRT	V1	T-48503	Anomalous pulmonary vein
SRT	V1	T-49215	Antecubital vein
SNM3	3.5	T-48440	Anterior cardiac vein
SNM3	3.5	T-45530	Anterior communicating artery
SNM3	3.5	T-45730	Anterior spinal artery
SNM3	3.5	T-47700	Anterior tibial artery
SNM3	3.4	T-42000	Aorta
SNM3	3.5	T-42300	Aortic arch
SRT	V1	D3-81922	Aortic fistula
SRT	V1	T-32602	Apex of left ventricle
SRT	V1	T-32502	Apex of right ventricle
SNM3	3.5	T-41000	Artery
SNM3	3.5	T-42100	Ascending aorta
SNM3	3.4	T-47100	Axillary Artery
SNM3	3.5	T-49110	Axillary vein
SNM3	3.4	T-48340	Azygos vein
SRT	V1	A-00203	Baffle
SNM3	3.5	T-45800	Basilar artery
SNM3	3.5	T-D00AB	Body conduit
SRT	V1	T-49424	Boyd’s perforating vein
SNM3	3.5	T-47160	Brachial artery
SNM3	3.4	T-49350	Brachial vein

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SNM3	3.4	T-45010	Carotid Artery
SNM3	3.5	T-49240	Cephalic vein
SNM3	3.5	T-45510	Cerebral artery
SNM3	3.5	D4-31320	Common atrium
SNM3	3.5	T-45100	Common carotid artery
SNM3	3.5	T-46710	Common iliac artery
SNM3	3.5	T-48920	Common iliac vein
SNM3	3.5	D4-31120	Common ventricle
SRT	V1	D4-32504	Congenital coronary artery fistula to left atrium
SRT	V1	D4-32506	Congenital coronary artery fistula to left ventricle
SRT	V1	D4-32509	Congenital coronary artery fistula to right atrium
SRT	V1	D4-32510	Congenital coronary artery fistula to right ventricle
SNM3	3.5	D3-40208	Congenital pulmonary arteriovenous fistula
SNM3	3.5	T-43000	Coronary artery
SNM3	3.5	T-48410	Coronary sinus
SNM3	3.4	T-42400	Descending aorta
SRT	V1	T-49429	Dodd’s perforating vein
SNM3	3.5	T-45200	External carotid artery
SNM3	3.5	T-46910	External iliac artery
SNM3	3.5	T-48930	External iliac vein
SNM3	3.5	T-45240	Facial artery
SNM3	3.5	T-47400	Femoral artery
SNM3	3.4	T-49410	Femoral vein
SNM3	3.5	T-48820	Gastric vein
SRT	V1	T-47490	Genicular artery
SNM3	3.5	T-48420	Great cardiac vein
SNM3	3.5	T-46420	Hepatic artery
SNM3	3.5	T-48720	Hepatic vein
SRT	V1	T-4942A	Hunterian perforating vein
SNM3	3.5	T-46700	Iliac artery
SNM3	3.5	T-48470	Inferior cardiac vein
SNM3	3.4	T-48540	Inferior left pulmonary vein
SNM3	3.5	T-46520	Inferior mesenteric artery
SNM3	3.5	T-48520	Inferior right pulmonary vein

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SNM3	3.5	T-48710	Inferior vena cava
SNM3	3.5	T-46010	Innominate artery
SNM3	3.4	T-48620	Innominate vein
SNM3	3.5	T-45300	Internal carotid artery
SNM3	3.5	T-48170	Internal jugular vein
SNM3	3.5	T-46740	Internal iliac artey
SNM3	3.5	T-46200	Internal mammary artery
SRT	V1	D4-31052	Juxtaposed atrial appendage
SNM3	3.5	T-45410	Lacrimal artery
SRT	V1	T-45416	Lacrimal artery of right eye
SNM3	3.5	T-32300	Left atrium
SNM3	3.5	T-32310	Left auricular appendage
SNM3	3.5	T-47420	Left femoral artery
SNM3	3.4	T-44400	Left pulmonary artery
SNM3	3.5	T-32600	Left ventricle
SNM3	3.5	T-32640	Left ventricle inflow
SRT	V1	D4-31022	Left ventricle outflow chamber
SNM3	3.5	T-32650	Left ventricle outflow tract
SNM3	3.5	T-45230	Lingual artery
SNM3	3.5	T-46960	Lumbar artery
SNM3	3.5	T-46500	Mesenteric artery
SRT	V1	T-4884A	Mesenteric vein
SNM3	3.5	T-45250	Occipital artery
SNM3	3.5	T-48214	Occipital vein
SNM3	3.5	T-45400	Ophthalmic artery
SNM3	3.5	D4-32012	Patent ductus arteriosus
SNM3	3.5	T-47630	Peroneal artery
SNM3	3.5	T-47500	Popliteal artery
SNM3	3.5	T-48810	Portal vein
SNM3	3.5	T-45320	Posterior communication artery
SRT	V1	T-49535	Posterior medial tributary
SNM3	3.5	T-47600	Posterior tibial artery
SNM3	3.5	T-F7001	Primitive aorta
SNM3	3.5	T-F7040	Primitive pulmonary artery
SNM3	3.5	T-44000	Pulmonary artery
SRT	V1	D4-33142	Pulmonary artery conduit
SRT	V1	T-32190	Pulmonary chamber of cor triatriatum
SNM3	3.5	T-48500	Pulmonary vein
SRT	V1	D4-33512	Pulmonary vein confluence
SRT	V1	D4-33514	Pulmonary venous atrium
SNM3	3.5	T-47300	Radial artery

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SNM3	3.5	T-46600	Renal artery
SNM3	3.5	T-48740	Renal vein
SNM3	3.5	T-32200	Right atrium
SNM3	3.5	T-32210	Right auricular appendage
SNM3	3.5	T-47410	Right femoral artery
SNM3	3.5	T-44200	Right pulmonary artery
SNM3	3.5	T-32500	Right ventricle
SNM3	3.5	T-32540	Right ventricle inflow
SRT	V1	D4-31022	Right ventricle outflow chamber
SNM3	3.5	T-32550	Right ventricle outflow tract
SRT	V1	T-D930A	Saphenofemoral junction
SNM3	3.5	T-49530	Saphenous vein
SNM3	3.5	T-46460	Splenic artery
SNM3	3.5	T-48890	Splenic vein
SNM3	3.5	T-46100	Subclavian artery
SNM3	3.5	T-48330	Subclavian vein
SNM3	3.5	T-45270	Superficial temporal artery
SNM3	3.5	T-48530	Superior left pulmonary vein
SNM3	3.5	T-46510	Superior mesenteric artery
SNM3	3.5	T-48510	Superior right pulmonary vein
SNM3	3.5	T-45210	Superior thyroid artery
SNM3	3.5	T-48610	Superior vena cava
SRT	V1	T-44007	Systemic collateral artery to lung
SRT	V1	D4-33516	Systemic venous atrium
SNM3	3.5	T-42070	Thoracic aorta
SNM3	3.5	D4-31400	Truncus arteriosus communis
SNM3	3.5	T-46400	Truncus coeliacus
SNM3	3.5	T-47200	Ulnar artery
SNM3	3.5	T-F1810	Umbilical artery
SNM3	3.5	T-48817	Umbilical vein
SNM3	3.5	T-48000	Vein
SNM3	3.5	T-48003	Venous network
SNM3	3.5	T-45700	Vertebral artery

CID 3011 Electrophysiology Anatomic Locations

Context ID 3011
Electrophysiology Anatomic Locations

Type: Extensible Version: 20020904

Coding	Coding Scheme	Code Value	Code Meaning

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Scheme	Version		
SNM3	3.5	T-32850	Accessory atrioventricular bundle
SRT	V1	T-32602	Apex of left ventricle
SRT	V1	T-32502	Apex of right ventricle
SNM3	3.5	T-32830	Atrioventricular bundle
SNM3	3.5	T-32820	Atrioventricular node
SNM3	3.5	T-32400	Common ventricle
SNM3	3.5	T-48410	Coronary sinus
SNM3	3.5	T-39010	Epicardium
SNM3	3.5	T-48420	Great cardiac vein
SRT	V1	G-DE02	High right atrium
SNM3	3.5	T-48540	Inferior left pulmonary vein
SNM3	3.5	T-48520	Inferior right pulmonary vein
SRT	V1	G-DE04	Lateral high right atrium
SNM3	3.5	T-32833	Left anterior division of left branch of left atrioventricular bundle
SNM3	3.5	T-32300	Left Atrium
SNM3	3.5	T-32310	Left auricular appendage
SNM3	3.5	T-32832	Left branch of atrioventricular bundle
SNM3	3.5	T-32834	Left posterior division of left branch of left atrioventricular bundle
SNM3	3.5	T-32600	Left ventricle
SNM3	3.5	T-32640	Left ventricle inflow
SNM3	3.5	T-32650	Left ventricle outflow tract
SRT	V1	G-DE08	Low right atrium
SRT	V1	G-DE06	Mid right atrium
SNM3	3.5	T-48430	Middle cardiac vein
SNM3	3.5	T-35310	Mitral ring
SNM3	3.5	T-48411	Ostium of coronary sinus
SNM3	3.5	T-48500	Pulmonary vein
SNM3	3.5	T-35210	Pulmonic ring
SNM3	3.5	T-32840	Purkinje fibers
SNM3	3.5	T-35120	Right atrioventricular ostium
SNM3	3.5	T-32200	Right Atrium
SNM3	3.5	T-32210	Right auricular appendage
SNM3	3.5	T-32831	Right branch of Atrioventricular bundle
SNM3	3.5	T-32500	Right ventricle
SNM3	3.5	T-32540	Right ventricle inflow
SNM3	3.5	T-32550	Right ventricle outflow tract
SNM3	3.5	T-32810	Sino-atrial node
SNM3	3.5	T-48530	Superior left pulmonary vein
SNM3	3.5	T-48510	Superior right pulmonary vein

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SRT	V1	T-32202	Tendon of Todaro
SNM3	3.5	T-35110	Tricuspid ring

CID 3014 Coronary Artery Segments

Context ID 3014
Coronary Artery Segments

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
BARI	1992	15	1st Diagonal Coronary Artery
BARI	1992	24	1st Left Posterolateral Coronary Artery
BARI	1992	20	1st Marginal Coronary Artery
BARI	1992	6	1st Right posterolateral
BARI	1992	17	1st Septal Coronary Artery
BARI	1992	16	2nd Diagonal Coronary Artery
BARI	1992	25	2nd Left Posterolateral Coronary Artery
BARI	1992	21	2nd Marginal Coronary Artery
BARI	1992	7	2nd Right posterolateral
BARI	1992	29	3rd diagonal
BARI	1992	26	3rd Left Posterolateral Coronary Artery
BARI	1992	22	3rd Marginal Coronary Artery
BARI	1992	8	3rd Right posterolateral
BARI	1992	10	Acute Marginal
BARI	1992	23	AV groove continuation of Circumflex Artery
BARI	1992	19A	Distal Circumflex Coronary Artery
BARI	1992	14	Distal Left Anterior Descending Coronary Artery
BARI	1992	3	Distal Right Coronary Artery
BARI	1992	15A	Lateral 1st Diagonal Coronary Artery
BARI	1992	20A	Lateral 1st Marginal Coronary Artery
BARI	1992	16A	Lateral 2nd Diagonal Coronary Artery
BARI	1992	21A	Lateral 2nd Marginal Coronary Artery
BARI	1992	29A	Lateral 3rd Diagonal
BARI	1992	22A	Lateral 3rd Marginal Coronary Artery
BARI	1992	28A	Lateral Ramus
BARI	1992	11	Left Main Coronary Artery
BARI	1992	11A	Left Main Coronary Artery Ostium
BARI	1992	27	Left Posterior Descending Artery
BARI	1992	19	Mid Circumflex Coronary Artery
BARI	1992	13	Mid Left Anterior Descending Coronary Artery
BARI	1992	2	Mid Right Coronary Artery
BARI	1992	4	Posterior Descending Right Coronary Artery

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BARI	1992	9	Posterior descending septal perforators
BARI	1992	18	Proximal Circumflex Coronary Artery
BARI	1992	12	Proximal Left Anterior Descending Coronary Artery
BARI	1992	1	Proximal Right Coronary Artery
BARI	1992	28	Ramus
BARI	1992	1A	Right Coronary Artery Ostium
BARI	1992	5	Right posterior AV

CID 3015 Coronary Arteries

Context ID 3015
Coronary Arteries
Type: Non-Extensible Version: 20030108

Coding Scheme Designator	Code Value	Code Meaning
		Include CONTEXT ID 3014
SNM3	T-4311A	Left Anterior Descending Coronary Artery
SNM3	T-43203	Right Coronary Artery
SNM3	T-43120	Circumflex Coronary Artery

CID 3019 Cardiovascular Anatomic Location Modifiers

Context ID 3019
Cardiovascular Anatomic Location Modifiers

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SNM3	3.5	G-A105	Anterior
SRT	V1	G-D873	Arterial graft to cited segment
SNM3	3.5	GA110	Central
SNM3	3.5	G-A119	Distal
SRT	V1	G-D870	Graft to cited segment, body
SRT	V1	G-D872	Graft to cited segment, distal anastomosis
SRT	V1	G-D871	Graft to cited segment, proximal anastomosis
SNM3	3.5	G-A115	Inferior
SRT	V1	G-A104	Lateral
SNM3	3.5	G-A101	Left
SRT	V1	T-3215A	Ostium
SNM3	3.5	G-A106	Posterior
SNM3	3.5	G-A118	Proximal
SNM3	3.5	G-A100	Right
SNM3	3.5	G-A116	Superior
SRT	V1	G-D874	Venous graft to cited segment

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CID 3082 Cardiology Units of Measurement

Context ID 3082
Cardiology Units of Measurement
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
UCUM	1.4	dB(A)	A scale of loudness
UCUM	1.4	[arb'U]	arbitrary unit
UCUM	1.4	cm	centimeter
UCUM	1.4	cm/s	centimeter/second
UCUM	1.4	d	day
UCUM	1.4	dB	decibel
UCUM	1.4	Cel	degrees Celsius
UCUM	1.4	{H.B.}/min	Heart beat per minute
UCUM	1.4	Hz	Herz
UCUM	1.4	h	hour
UCUM	1.4	J	Joule
UCUM	1.4	KHz	kiloHerz
UCUM	1.4	kOhm	kiloOhm
UCUM	1.4	km/h	kilometer per hour
UCUM	1.4	kPa	kiloPascal
UCUM	1.4	l/min	liter per minute
UCUM	1.4	MHz	megaHerz
UCUM	1.5	[MET]	Metabolic equivalent
UCUM	1.4	uV	microvolt
UCUM	1.4	[mi_i]/h	mile per hour
UCUM	1.4	mm	millimeter
UCUM	1.4	ml/min	milliliter per minute
UCUM	1.4	ml/s	milliliter per second
UCUM	1.4	mm[Hg]	millimeter of mercury
UCUM	1.4	mV	millivolt
UCUM	1.4	min	minute
UCUM	1.4	mm/s	mm/s
UCUM	1.4	%	percent
UCUM	1.4	s	second
UCUM	1.4	mm2	square millimeter
UCUM	1.4	1	unary, no units
UCUM	1.4	V	volt
UCUM	1.4	W	Watt

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CID 3090 Time Synchronization Channel Types

Context ID 3090
Time Synchronization Channel Types
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
DCM	01	109001	Digital timecode (NOS)
DCM	01	109002	ECG-based gating signal, processed
DCM	01	109003	IRIG-B timecode
DCM	01	109004	X-ray Fluoroscopy On Signal
DCM	01	109005	X-ray On Trigger

CID 3240 Electrophysiology Measurement Functions and Techniques

Context ID 3240
Electrophysiology Measurement Functions and Techniques
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
DCM	01	109006	Differential signal
DCM	01	109007	His bundle electrogram
DCM	01	109008	Monopole signal
DCM	01	109009	Pacing (electrical) stimulus, voltage
DCM	01	109010	Radio frequency ablation, power
DCM	01	109011	Voltage measurement by basket catheter
DCM	01	109012	Voltage measurement by mapping catheter
DCM	01	109013	Voltage measurement, NOS

CID 3241 Hemodynamic Measurement Techniques

Context ID 3241
Hemodynamic Measurement Techniques
Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	PA-50038	Averaged hemodynamic measurement method
SRT	V1	PA-50035	Composite hemodynamic measurement method
SRT	V1	PA-50034	Computed hemodynamic measurement method
SRT	V1.1	PA-5003B	Conductance catheter method
SRT	V1.1	PA-5003C	Doppler catheter method
SRT	V1	PA-50031	Dual catheter method
SRT	V1	PA-50039	Fluid filled catheter method
SRT	V1.1	PA-5003D	Fiberoptic catheter method
SRT	V1.1	PA-5003E	Hall catheter method

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SRT	V1	PA-50033	Pullback method
SRT	V1	PA-50032	Pulmonary capillary wedge method
SRT	V1	PA-50036	Static catheter method
SRT	V1.1	PA-5003F	Thermistor catheter method
SRT	V1	PA-5003A	Tip manometer method
SRT	V1	PA-50037	Wedge method

CID 3250 Catheterization Procedure Phase

Context ID 3250
Catheterization Procedure Phase

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	G-7299	Cardiac catheterization bailout phase
SRT	V1	G-7293	Cardiac catheterization baseline phase
SRT	V1	G-7294	Cardiac catheterization image acquisition phase
SRT	V1	G-7295	Cardiac catheterization intervention phase
SRT	V1	G-729B	Cardiac catheterization post contrast phase
SRT	V1	G-7298	Cardiac catheterization post-intervention phase
SRT	V1	G-7296	Cardiac catheterization pre-intervention phase
SRT	V1.1	G-929D	Cardiac catheterization test/challenging phase
SRT	V1	G-7297	Cardiac catheterization therapy phase
SRT	V1	P1-3160A	Catheterization of both left and right heart with graft
SRT	V1	P1-3160B	Catheterization of both left and right heart without graft
SNM3	3.5	P1-31604	Catheterization of left heart
SNM3	3.5	P1-31602	Catheterization of right heart
SNM3	3.5	P1-31612	Transseptal catheterization

CID 3254 Electrophysiology Procedure Phase

Context ID 3254
Electrophysiology Procedure Phase

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	G-729D	Atrial Effective Refractory Period, evaluation of
SRT	V1	G-7304	Carotid Sinus Massage procedure phase
SRT	V1	G-7306	Electrophysiology Mapping phase
SRT	V1	G-729A	Electrophysiology procedure baseline phase
SRT	V1	G-7408	Post-ablation phase
SRT	V1	G-7305	Post-defibrillation procedure phase

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SRT	V1	G-729F	Radiofrequency Ablation procedure phase
SRT	V1	G-729C	Sinus Node Recovery Time, evaluation of
SRT	V1	G-729E	Ventricular Effective Refractory Period, evaluation of

CID 3261 Stress Protocols

Context ID 3261
Stress Protocols

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	P2-7131C	Balke protocol
SRT	V1	P2-7131A	Bruce protocol
SRT	V1	P2-7131D	Ellestad protocol
SRT	V1	P2-7131B	Modified Bruce protocol
SRT	V1	P2-713A1	Modified Naughton protocol
SRT	V1	P2-713A0	Naughton protocol
SRT	V1	P2-7131F	Pepper protocol
SRT	V1	P2-7131E	Ramp protocol

CID 3262 ECG Patient State Values

Context ID 3262
ECG Patient State Values

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1	F-01602	Baseline state
SRT	V1	F-01606	Exercise state
SRT	V1	F-01608	Post-exercise state
SRT	V1	F-01604	Resting state
SNM3	3.5	F-10340	Supine body position

CID 3263 Electrode Placement Values

Context ID 3263
Electrode Placement Values

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SCPECG	1.3	5.4.5-33-1-5	12-lead ECG derived from Frank XYZ leads
SCPECG	1.3	5.4.5-33-1-6	12-lead ECG derived from non-standard leads
SCPECG	1.3	5.4.5-33-1-2	Mason-Likar positions: limb leads placed on the torso

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SCPECG	1.3	5.4.5-33-1-3	Mason-Likar with V pad: chest leads as a single pad
SCPECG	1.3	5.4.5-33-1-4	Single electrode pad: all electrodes in a single electrode pad
SCPECG	1.3	5.4.5-33-1-1	Standard 12-lead positions: limb leads placed at extremities
SCPECG	1.3	5.4.5-33-1-0	Unspecified

CID 3264 XYZ Electrode Placement Values

Context ID 3264
XYZ Electrode Placement Values

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SCPECG	1.3	5.4.5-33-2-4	Bipolar uncorrected XYZ lead system
SCPECG	1.3	5.4.5-33-2-3	Cube lead system (Grishman et al, Amer Heart J 1951; 41:483).
SCPECG	1.3	5.4.5-33-2-1	Frank lead system (Frank, 1956; 13:737)
SCPECG	1.3	5.4.5-33-2-2	McFee-Parungao lead system
SCPECG	1.3	5.4.5-33-2-5	Pseudo-orthogonal XYZ lead system (as used in Holter recording)
SCPECG	1.3	5.4.5-33-2-0	Unspecified
SCPECG	1.3	5.4.5-33-2-6	XYZ leads derived from standard 12-lead ECG

CID 3271 Hemodynamic Physiological Challenges

Context ID 3271
Hemodynamic Physiological Challenges

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SRT	V1.1	P2-71317	Drug infusion
SRT	V1	P2-71310	Exercise challenge
SRT	V1	P2-71306	Handgrip
SRT	V1	P2-71302	Head up
SRT	V1	P2-71314	Held inspiration
SRT	V1	P2-71316	Held ventilation
SRT	V1	P2-71304	Leg up
SRT	V1	P2-71308	Negative lower body pressure
SNM3	3.5	P2-35000	Pacing
SRT	V1	P2-71318	Post volume challenge
SRT	V1	P2-71312	Vagal stimulation
SNM3	3.5	F-F7102	Valsalva maneuver

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CID 3335 ECG Annotations

Context ID 3335
ECG Annotations

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
SCPECG	1.3	5.7.1-3	Fiducial point
SCPECG	1.3	D.4.1-J	J point
SCPECG	1.3	D.4.1-ST20	J point + 20 msec
SCPECG	1.3	D.4.1-ST60	J point + 60 msec
SCPECG	1.3	D.4.1-ST80	J point +80 msec
SCPECG	1.3	5.10.3-2	P wave end
SCPECG	1.3	5.10.3-1	P wave onset
SCPECG	1.3	D.4.1-P	P wave peak
SCPECG	1.3	5.10.1.2	Pacemaker spike, suppressed
SCPECG	1.3	D.4.1-PR	PR segment (isoelectric point)
SCPECG	1.3	D.4.1-Q	Q wave
SCPECG	1.3	5.10.3-4	QRS end
SCPECG	1.3	5.10.3-3	QRS onset
SCPECG	1.3	D.4.1-R	R wave peak
SCPECG	1.3	D.4.1-R2	R' peak
SCPECG	1.3	D.4.1-S	S wave
SCPECG	1.3	D.4.1-S2	S' wave
SCPECG	1.3	5.10.3-5	T wave end
SCPECG	1.3	D.4.1-STE	T wave onset
SCPECG	1.3	D.4.1-T	T wave peak
SCPECG	1.3	D.4.1-U	U wave peak

CID 3337 Hemodynamic Annotations

Context ID 3337
Hemodynamic Annotations

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
DCM	01	109014	35% of thermal/dye dilution CO
DCM	01	109015	70% of thermal/dye dilution CO
DCM	01	109016	A wave
DCM	01	109017	A wave average
DCM	01	109018	Beat detected (accepted)
DCM	01	109019	Beat detected (rejected)
DCM	01	109020	Diastolic average

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DCM	01	109021	Diastolic nadir
DCM	01	109022	End diastole
DCM	01	109023	End of expiration
DCM	01	109024	End of inspiration
DCM	01	109070	End of systole
DCM	01	109071	Indicator mean transit time
DCM	01	109025	Max dp/dt
DCM	01	109026	Max neg dp/dt
DCM	01	109027	Mean pressure
DCM	01	109028	Peak of thermal/dye dilution CO
DCM	01	109029	Start of expiration
DCM	01	109030	Start of inspiration
DCM	01	109031	Start of thermal CO
DCM	01	109032	Systolic average
DCM	01	109033	Systolic peak
DCM	01	109072	Tau
DCM	01	109073	V max
DCM	01	109034	V wave
DCM	01	109035	V wave average
DCM	01	109036	Valve close
DCM	01	109037	Valve open

CID 3339 Electrophysiology Annotations

Context ID 3339
Electrophysiology Annotations

Type: Extensible Version: 20020904

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
DCM	01	109038	Ablation off
DCM	01	109039	Ablation on
DCM	01	109040	HIS bundle wave
DCM	01	109041	P wave
DCM	01	109042	Q wave
DCM	01	109043	R wave
DCM	01	109044	S wave
DCM	01	109045	Start of atrial contraction
DCM	01	109046	Start of atrial contraction (subsequent)
DCM	01	109047	Stimulation at rate 1 interval
DCM	01	109048	Stimulation at rate 2 interval
DCM	01	109049	Stimulation at rate 3 interval
DCM	01	109050	Stimulation at rate 4 interval

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DCM	01	109051	T wave
DCM	01	109052	V wave
DCM	01	109053	V wave of next beat

CID 4009 DX Anatomy Images

Context ID 4009
DX Anatomy Imaged
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	T-D3000	Chest
SNM3	T-280A0	Apex of Lung
SNM3	T-25000	Trachea
SNM3	T-26000	Bronchus
SNM3	T-24100	Larynx
SNM3	T-D3300	Mediastinum
SNM3	T-32000	Heart
SNM3	T-D1600	Neck
SNM3	T-11210	Sternum
SNM3	T-15610	Sternoclavicular joint
SNM3	T-11300	Rib
SNM3	T-11500	Spine
SNM3	T-11501	Cervical spine
SNM3	T-11502	Thoracic spine
SNM3	T-11503	Lumbar spine
SNM3	T-11AD0	Sacrum
SNM3	T-11BF0	Coccyx
SNM3	T-D4000	Abdomen
SNM3	T-D0300	Extremity
SNM3	T-D8200	Arm
SNM3	T-D8810	Thumb
SNM3	T-D8800	Finger
SNM3	T-D8700	Hand
SNM3	T-D8600	Wrist
SNM3	T-12402	Forearm bone
SNM3	T-D8300	Elbow
SNM3	T-12410	Humerus
SNM3	T-D2220	Shoulder
SNM3	T-12310	Clavicle
SNM3	T-12280	Scapula

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SNM3	T-15420	Acromioclavicular joint
SNM3	T-D9800	Toe
SNM3	T-12980	Sesamoid bones of foot
SNM3	T-D9700	Foot
SNM3	T-12770	Calcaneus
SNM3	T-15770	Tarsal joint
SNM3	T-15750	Ankle joint
SNM3	T-D9400	Leg
SNM3	T-D9200	Knee
SNM3	T-12730	Patella
SNM3	T-12710	Femur
SNM3	T-15710	Hip joint
SNM3	T-D6000	Pelvis
SNM3	T-15680	Sacroiliac joint
SNM3	T-D1100	Head
SNM3	T-11100	Skull
SNM3	T-11196	Facial bones
SNM3	T-11167	Zygomatic arch
SNM3	T-11149	Nasal bone
SNM3	T-D1480	Orbit
SNM3	T-11102	Optic canal
SNM3	T-11180	Mandible
SNM3	T-11170	Maxilla
SNM3	T-D1217	Maxilla and mandible
SNM3	T-15290	Temporomandibular joint
SNM3	T-22000	Paranasal sinus
SNM3	T-11133	Mastoid bone
SNM3	T-D1460	Sella turcica
SNM3	T-04000	Breast
SNM3	T-61100	Parotid gland
SNM3	T-61300	Submandibular gland
SNM3	T-63000	Gall bladder
SNM3	T-60610	Bile duct
SNM3	T-56000	Esophagus
SNM3	T-57000	Stomach
SNM3	T-58200	Duodenum
SNM3	T-58000	Small intestine
SNM3	T-59000	Large intestine
SNM3	T-59600	Rectum
SNM3	T-70010	Upper urinary tract
SNM3	T-74000	Bladder

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SNM3	T-75000	Urethra
SNM3	T-D6151	Uterus and fallopian tubes

CID 4010 DX View

Context ID 4010
DX View

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	R-10202	frontal
SNM3	R-10204	frontal oblique
SNM3	R-10206	antero-posterior
SNM3	R-10208	antero-posterior oblique
SNM3	R-10210	right posterior oblique
SNM3	R-10212	left posterior oblique
SNM3	R-10214	postero-anterior
SNM3	R-10216	postero-anterior oblique
SNM3	R-10218	right anterior oblique
SNM3	R-10220	left anterior oblique
SNM3	R-10222	sagittal
SNM3	R-10224	medial-lateral
SNM3	R-10226	lateral oblique
SNM3	R-10228	lateral-medial
SNM3	R-10230	medial oblique
SNM3	R-10232	right lateral
SNM3	R-10234	right oblique
SNM3	R-10236	left lateral
SNM3	R-10238	left oblique
SNM3	R-10241	axial
SNM3	R-10242	cranio-caudal
SNM3	R-10244	caudo-cranial
SNM3	R-10246	oblique axial
SNM3	R-10248	oblique cranio-caudal
SNM3	R-10250	oblique caudo-cranial
SNM3	R-10252	frontal-oblique axial
SNM3	R-10254	sagittal-oblique axial
SNM3	R-102C1	oblique
SNM3	R-102CD	lateral
SNM3	R-102C2	tangential
SNM3	R-10256	submentovertical

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SNM3	R-10257	verticosubmental
SNM3	R-102C3	plantodorsal
SNM3	R-102C4	dorsoplantar
SNM3	R-102C5	parietoacanthal
SNM3	R-102C6	acanthoparietal
SNM3	R-102C7	orbitoparietal
SNM3	R-102C8	parieto-orbital

CID 4011 DX View Modifier

Context ID 4011
DX View Modifier

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	R-10244	cephalad
SNM3	R-10242	caudad
SNM3	R-102C9	transthoracic
SNM3	R-102CA	lordotic
SNM3	R-102CB	transforamenal
SNM3	R-102CC	transoral
SNM3	R-102CE	transorbital

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CID 4012 Projection Eponymous Name

Context ID 4012
Projection Eponymous Name

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	R-10261	Albers-Schonberg
SNM3	R-10262	Alexander
SNM3	R-10263	Arcelin
SNM3	R-10264	Beclere
SNM3	R-10265	Bertel
SNM3	R-10266	Blackett-Healy
SNM3	R-10267	Broden
SNM3	R-10268	Cahoon
SNM3	R-10269	Caldwell
SNM3	R-1026A	Camp-Coventry
SNM3	R-1026B	Causton
SNM3	R-1026C	Chamberlain
SNM3	R-1026D	Chassard-Lapine
SNM3	R-1026E	Chausse
SNM3	R-1026F	Cleaves
SNM3	R-10270	Clements
SNM3	R-10271	Clements-Nakayama
SNM3	R-10272	Dunlap
SNM3	R-10273	Ferguson
SNM3	R-10274	Fleischner
SNM3	R-10275	Friedman
SNM3	R-10276	Fuchs
SNM3	R-10277	Gaynor-Hart
SNM3	R-10278	Grandy
SNM3	R-10279	Grashey
SNM3	R-1027A	Haas
SNM3	R-1027B	Henschen
SNM3	R-1027C	Hickey
SNM3	R-1027D	Holly
SNM3	R-1027E	Holmblad
SNM3	R-1027F	Hough
SNM3	R-10280	Hsieh
SNM3	R-10281	Hughston
SNM3	R-10282	Isherwood
SNM3	R-10283	Judd

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SNM3	R-10284	Kandel
SNM3	R-10285	Kasabach
SNM3	R-10286	Kemp Harper
SNM3	R-10287	Kovacs
SNM3	R-10288	Kuchendorf
SNM3	R-10289	Kurzbauer
SNM3	R-1028A	Laquerriere-Pierquin
SNM3	R-1028B	Lauenstein
SNM3	R-1028C	Law
SNM3	R-1028D	Lawrence
SNM3	R-1028E	Leonard-George
SNM3	R-1028F	Lewis
SNM3	R-10290	Lilienfeld
SNM3	R-10291	Lindblom
SNM3	R-10292	Lorenz
SNM3	R-10293	Low-Beer
SNM3	R-10294	Lysholm
SNM3	R-10295	May
SNM3	R-10296	Mayer
SNM3	R-10297	Merchant
SNM3	R-10298	Miller
SNM3	R-10299	Nolke
SNM3	R-1029A	Norgaard
SNM3	R-1029B	Ottonello
SNM3	R-1029C	Pawlow
SNM3	R-1029D	Pearson
SNM3	R-1029E	Penner
SNM3	R-1029F	Pirie
SNM3	R-102A0	Rhese
SNM3	R-102A1	Schuller
SNM3	R-102A2	Settegast
SNM3	R-102A3	Staunig
SNM3	R-102A4	Stecher
SNM3	R-102A5	Stenvers
SNM3	R-102A6	Swanson
SNM3	R-102A7	Tarrant
SNM3	R-102A8	Taylor
SNM3	R-102A9	Teufel
SNM3	R-102AA	Titterington
SNM3	R-102AB	Towne
SNM3	R-102AC	Twining

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SNM3	R-102AD	Valdini
SNM3	R-102AE	Waters
SNM3	R-102AF	West Point
SNM3	R-102B0	Wigby-Taylor
SNM3	R-102B1	Zanelli

CID 4013 Anatomic Region for Mammography

Context ID 4013
Anatomic Region for Mammography
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	T-04000	Breast

CID 4014 View for Mammography

Context ID 4014
View for Mammography
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	ACR BI-RADS Equivalent
SNM3	R-10224	medio-lateral	ML
SNM3	R-10226	medio-lateral oblique	MLO
SNM3	R-10228	latero-medial	LM
SNM3	R-10230	latero-medial oblique	LMO
SNM3	R-10242	cranio-caudal	CC
SNM3	R-10244	caudo-cranial (from below)	FB
SNM3	R-102D0	superolateral to inferomedial oblique	SIO
SNM3	R-102CF	exaggerated cranio-caudal	XCC
SNM3	Y-X1770	cranio-caudal exaggerated laterally	XCCL
SNM3	Y-X1771	cranio-caudal exaggerated medially	XCCM

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CID 4015 View Modifier for Mammography

Context ID 4015
View Modifier for Mammography

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	Applies only when view is:	ACR BI-RADS Equivalent
SNM3	R-102D2	Cleavage	CC	CV
SNM3	R-102D1	Axillary Tail	MLO	AT
SNM3	R-102D3	Rolled Lateral	any	...RL
SNM3	R-102D4	Rolled Medial	any	...RM
SNM3	R-102D5	Implant Displaced	any	ID
SNM3	R-102D6	Magnification	any	M...
SNM3	R-102D7	Spot Compression	any	S
SNM3	R-102C2	Tangential	any	TAN

CID 4016 Anatomic Region for Intra-oral Radiography

Context ID 4016
Anatomic Region for Intra-oral Radiography

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	T-D1217	Maxilla and mandible
SNM3	T-11170	Maxilla
SNM3	T-11180	Mandible

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CID 4017 Anatomic Region Modifier for Intra-oral Radiography

Context ID 4017
Anatomic Region Modifier for Intra-oral Radiography
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	T-51005	Anterior 1
SNM3	T-51006	Anterior 2
SNM3	T-51007	Anterior 3
SNM3	T-51008	Premolar 1
SNM3	T-51009	Premolar 2
SNM3	T-5100A	Molar 1
SNM3	T-5100B	Molar 2
SNM3	T-5100C	Molar 3
SNM3	T-5100D	Occlusal

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CID 4018 Primary Anatomic Structure for Intra-oral Radiography (Permanent Dentition – Designation of Teeth)

Context ID 4018
Primary Anatomic Structure for Intra-oral Radiography
(Permanent Dentition - Designation of Teeth)

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	ISO 3950 Designation of Quadrant	ISO 3950 Designation of Tooth
SNM3	T-54210	Maxillary right third molar tooth	1	8
SNM3	T-54220	Maxillary right second molar tooth	1	7
SNM3	T-54230	Maxillary right first molar tooth	1	6
SNM3	T-54240	Maxillary right second premolar tooth	1	5
SNM3	T-54250	Maxillary right first premolar tooth	1	4
SNM3	T-54260	Maxillary right canine tooth	1	3
SNM3	T-54270	Maxillary right lateral incisor tooth	1	2
SNM3	T-54280	Maxillary right central incisor tooth	1	1
SNM3	T-54290	Maxillary left central incisor tooth	2	1
SNM3	T-54300	Maxillary left lateral incisor tooth	2	2
SNM3	T-54310	Maxillary left canine tooth	2	3
SNM3	T-54320	Maxillary left first premolar tooth	2	4
SNM3	T-54330	Maxillary left second premolar tooth	2	5
SNM3	T-54340	Maxillary left first molar tooth	2	6
SNM3	T-54350	Maxillary left second molar tooth	2	7
SNM3	T-54360	Maxillary left third molar tooth	2	8
SNM3	T-54370	Mandibular left third molar tooth	3	8
SNM3	T-54380	Mandibular left second molar tooth	3	7
SNM3	T-54390	Mandibular left first molar tooth	3	6
SNM3	T-54400	Mandibular left second premolar tooth	3	5
SNM3	T-54410	Mandibular left first premolar tooth	3	4
SNM3	T-54420	Mandibular left canine tooth	3	3
SNM3	T-54430	Mandibular left lateral tooth	3	2
SNM3	T-54440	Mandibular left central incisor tooth	3	1
SNM3	T-54450	Mandibular right central incisor tooth	4	1
SNM3	T-54460	Mandibular right lateral incisor tooth	4	2
SNM3	T-54470	Mandibular right canine tooth	4	3
SNM3	T-54480	Mandibular right first premolar tooth	4	4
SNM3	T-54490	Mandibular right second premolar tooth	4	5
SNM3	T-54500	Mandibular right first molar tooth	4	6
SNM3	T-54510	Mandibular right second molar tooth	4	7
SNM3	T-54520	Mandibular right third molar tooth	4	8

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CID 4019 Primary Anatomic Structure for Intra-oral Radiography (Deciduous Dentition – Designation of Teeth)

Context ID 4019
Primary Anatomic Structure for Intra-oral Radiography
(Deciduous Dentition - Designation of Teeth)

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	ISO 3950 Designation of Quadrant	ISO 3950 Designation of Tooth
SNM3	T-54610	Deciduous maxillary right central incisor tooth	5	1
SNM3	T-54620	Deciduous maxillary right lateral incisor tooth	5	2
SNM3	T-54630	Deciduous maxillary right canine tooth	5	3
SNM3	T-54640	Deciduous maxillary right first molar tooth	5	4
SNM3	T-54650	Deciduous maxillary right second molar tooth	5	5
SNM3	T-54660	Deciduous maxillary left central incisor tooth	6	1
SNM3	T-54670	Deciduous maxillary left lateral incisor tooth	6	2
SNM3	T-54680	Deciduous maxillary left canine tooth	6	3
SNM3	T-54690	Deciduous maxillary left first molar tooth	6	4
SNM3	T-54700	Deciduous maxillary left second molar tooth	6	5
SNM3	T-54760	Deciduous mandibular left central incisor tooth	7	1
SNM3	T-54770	Deciduous mandibular left lateral incisor tooth	7	2
SNM3	T-54780	Deciduous mandibular left canine tooth	7	3
SNM3	T-54790	Deciduous mandibular left first molar tooth	7	4
SNM3	T-54800	Deciduous mandibular left second molar tooth	7	5
SNM3	T-54710	Deciduous mandibular right central incisor tooth	8	1
SNM3	T-54720	Deciduous mandibular right lateral incisor tooth	8	2
SNM3	T-54730	Deciduous mandibular right canine tooth	8	3
SNM3	T-54740	Deciduous mandibular right first molar tooth	8	4
SNM3	T-54750	Deciduous mandibular right second molar tooth	8	5

CID 4020 PET Radionuclide

Context ID 4020
PET Radionuclide

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-111A1	F^18^ [^18^Fluorine]
SNM3	C-159A2	Rb^82^ [^82^Rubidium]

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SNM3	C-107A1	N^13^ [^13^Nitrogen]
SNM3	C-105A1	C^11^ [^11^Carbon]
SNM3	C-128A2	Ge^68^ [^68^Germanium]
SNM3	C-155A1	Na^22^ [^22^Sodium]

CID 4021 PET Radiopharmaceutical

Context ID 4021
PET Radiopharmaceutical

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	V1.1	C-B1043	Acetate C^11^
SRT	V1.1	C-B103C	Ammonia N^13^
SRT	V1.1	C-B103B	Carbon dioxide O^15^
SRT	V1.1	C-B1045	Carbon monoxide C^11^
SRT	V1.1	C-B103A	Carbon monoxide O^15^
SRT	V1.1	C-B103F	Carfentanil C^11^
SNM3		C-B1031	Fluorodeoxyglucose F^18^
SRT	V1.1	C-B1034	Fluoro-L-dopa F^18^
SRT	V1.1	C-B1046	Germanium Ge^68^
SRT	V1.1	C-B103D	Glutamate N^13^
SRT	V1.1	C-B103E	Methionine C^11^
SRT	V1.1	C-B1038	Oxygen O^15^
SRT	V1.1	C-B1039	Oxygen-water O^15^
SRT	V1.1	C-B1044	Palmitate C^11^
SRT	V1.1	C-B1042	Raclopride C^11^
SRT	V1.1	C-B1037	Rubidium chloride Rb^82^
SNM3		C-B1032	Sodium fluoride F^18^
SRT	V1.1	C-B1047	Sodium Na^22^
SRT	V1.1	C-B1033	Spiperone F^18^
SRT	V1.1	C-B1036	Thymidine (FLT)F^18^

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CID 5000 Languages

Context ID 5000
Languages

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
ISO639_2	abk	Abkhazian
ISO639_2	ace	Achinese
ISO639_2	ach	Acoli
ISO639_2	ada	Adangme
ISO639_2	aar	Afar
ISO639_2	afh	Afrihili
ISO639_2	afr	Afrikaans
ISO639_2	afa	Afro-Asiatic (Other)
ISO639_2	aka	Akan
ISO639_2	akk	Akkadian
ISO639_2	sqi	Albanian
ISO639_2	ale	Aleut
ISO639_2	alg	Algonquian languages
ISO639_2	tut	Altaic (Other)
ISO639_2	amh	Amharic
IANARFC1766	i-ami	Amis
IANARFC1766	zh-min	Amoy
ISO639_2	apa	Apache languages
ISO639_2	ara	Arabic
ISO639_2	arc	Aramaic
ISO639_2	arp	Arapaho
ISO639_2	arn	Araucanian
ISO639_2	arw	Arawak
ISO639_2	hye	Armenian
ISO639_2	art	Artificial (Other)
ISO639_2	asm	Assamese
ISO639_2	ath	Athapascan languages
ISO639_2	map	Austronesian (Other)
ISO639_2	ava	Avaric
ISO639_2	ave	Avestan
ISO639_2	awa	Awadhi
ISO639_2	aym	Aymara
ISO639_2	aze	Azerbaijani
ISO639_2	nah	Aztec
ISO639_2	ban	Balinese

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ISO639_2	bat	Baltic (Other)
ISO639_2	bal	Baluchi
ISO639_2	bam	Bambara
ISO639_2	bai	Bamileke languages
ISO639_2	bad	Banda
ISO639_2	bnt	Bantu (Other)
ISO639_2	bas	Basa
ISO639_2	bak	Bashkir
ISO639_2	eus	Basque
ISO639_2	bej	Beja
ISO639_2	bem	Bemba
ISO639_2	ben	Bengali
ISO639_2	ber	Berber (Other)
ISO639_2	bho	Bhojpuri
ISO639_2	bih	Bihari
ISO639_2	bik	Bikol
ISO639_2	bin	Bini
ISO639_2	bis	Bislama
ISO639_2	bra	Braj
ISO639_2	bre	Breton
ISO639_2	bug	Buginese
ISO639_2	bul	Bulgarian
IANARFC1766	i-bnn	Bunun
ISO639_2	bua	Buriat
ISO639_2	mya	Burmese
ISO639_2	bel	Byelorussian
ISO639_2	cad	Caddo
IANARFC1766	zh-yue	Cantonese
ISO639_2	car	Carib
ISO639_2	cat	Catalan
ISO639_2	cau	Caucasian (Other)
ISO639_2	ceb	Cebuano
ISO639_2	cel	Celtic (Other)
ISO639_2	cai	Central American Indian (Other)
ISO639_2	chg	Chagatai
ISO639_2	cha	Chamorro
ISO639_2	che	Chechen
ISO639_2	chr	Cherokee
ISO639_2	chy	Cheyenne
ISO639_2	chb	Chibcha
ISO639_2	zho	Chinese

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ISO639_2	chn	Chinookjargon
ISO639_2	cho	Choctaw
ISO639_2	chu	ChurchSlavic
ISO639_2	chv	Chuvash
ISO639_2	cop	Coptic
ISO639_2	cor	Cornish
ISO639_2	cos	Corsican
ISO639_2	cre	Cree
ISO639_2	mus	Creek
ISO639_2	crp	Creolesand Pidgins (Other)
ISO639_2	cpe	Creolesand Pidgins, English-based (Other)
ISO639_2	cpf	Creolesand Pidgins, French-based (Other)
ISO639_2	cpp	Creolesand Pidgins, Portuguese-based (Other)
ISO639_2	cus	Cushitic (Other)
ISO639_2	ces	Czech
ISO639_2	dak	Dakota
ISO639_2	dan	Danish
ISO639_2	del	Delaware
ISO639_2	din	Dinka
ISO639_2	div	Divehi
ISO639_2	doi	Dogri
ISO639_2	dra	Dravidian (Other)
ISO639_2	dua	Duala
ISO639_2	nla	Dutch
ISO639_2	dum	Dutch, Middle (ca.1050-1350)
ISO639_2	dyu	Dyula
ISO639_2	dzo	Dzongkha
ISO639_2	efi	Efik
ISO639_2	egy	Egyptian (Ancient)
ISO639_2	eka	Ekajuk
ISO639_2	elx	Elamite
ISO639_2	eng	English
ISO639_2	enm	English, Middle (ca.1100-1500)
ISO639_2	ang	English, Old (ca.450-1100)
ISO639_2	esk	Eskimo (Other)
ISO639_2	epo	Esperanto
ISO639_2	est	Estonian
ISO639_2	ewe	Ewe
ISO639_2	ewo	Ewondo
ISO639_2	fan	Fang
ISO639_2	fat	Fanti

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ISO639_2	fao	Faroese
ISO639_2	fij	Fijian
ISO639_2	fin	Finnish
ISO639_2	fiu	Finno-Ugrian (Other)
ISO639_2	fon	Fon
ISO639_2	fra	French
ISO639_2	frm	French, Middle (ca.1400-1600)
ISO639_2	fro	French, Old (842-ca.1400)
ISO639_2	fry	Frisian
ISO639_2	ful	Fulah
IANARFC1766	zh-min	Fuzhou
ISO639_2	gaa	Ga
ISO639_2	gdh	Gaelic (Scots)
ISO639_2	glg	Gallegan
IANARFC1766	zh-gan	Gan
ISO639_2	lug	Ganda
ISO639_2	gay	Gayo
ISO639_2	gez	Geez
ISO639_2	kat	Georgian
ISO639_2	deu	German
ISO639_2	gmh	German, Middle High (ca. 1050-1500)
ISO639_2	goh	German, Old High (ca. 750-1050)
ISO639_2	gem	Germanic (Other)
ISO639_2	gil	Gilbertese
ISO639_2	gon	Gondi
ISO639_2	got	Gothic
ISO639_2	grb	Grebo
ISO639_2	grc	Greek, Ancient (to 1453)
ISO639_2	ell	Greek, Modern (1453-)
ISO639_2	kal	Greenlandic
ISO639_2	grn	Guarani
ISO639_2	guj	Gujarati
ISO639_2	hai	Haida
IANARFC1766	i-hak	Hakka
IANARFC1766	zh-hakka	Hakka
ISO639_2	hau	Hausa
ISO639_2	haw	Hawaiian
ISO639_2	heb	Hebrew
ISO639_2	her	Herero
ISO639_2	hil	Hiligaynon
ISO639_2	him	Himachali

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ISO639_2	hin	Hindi
ISO639_2	hmo	HiriMotu
IANARFC1766	zh-min	Hokkien
IANARFC1766	zh-xiang	Hunanese
ISO639_2	hun	Hungarian
ISO639_2	hup	Hupa
ISO639_2	iba	Iban
ISO639_2	isl	Icelandic
ISO639_2	ibo	Igbo
ISO639_2	ijo	Ijo
ISO639_2	ilo	Iloko
ISO639_2	inc	Indic (Other)
ISO639_2	ine	Indo-European (Other)
ISO639_2	ind	Indonesian
ISO639_2	ine	Interlingue
ISO639_2	iku	Inuktitut
ISO639_2	ipk	Inupiak
ISO639_2	ira	Iranian (Other)
ISO639_2	gai	Irish
ISO639_2	mga	Irish, Middle (900-1200)
ISO639_2	sga	Irish, Old (to900)
ISO639_2	iro	Iroquoian languages
ISO639_2	ita	Italian
ISO639_2	jpn	Japanese
ISO639_2	jaw	Javanese
ISO639_2	jrb	Judeo-Arabic
ISO639_2	jpr	Judeo-Persian
ISO639_2	kab	Kabyle
ISO639_2	kac	Kachin
ISO639_2	kam	Kamba
IANARFC1766	zh-gan	Kan
ISO639_2	kan	Kannada
ISO639_2	kau	Kanuri
ISO639_2	kaa	Kara-Kalpak
ISO639_2	kar	Karen
ISO639_2	kas	Kashmiri
ISO639_2	kaw	Kawi
ISO639_2	kaz	Kazakh
ISO639_2	kha	Khasi
ISO639_2	khm	Khmer
ISO639_2	khi	Khoisan (Other)

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ISO639_2	kho	Khotanese
ISO639_2	kik	Kikuyu
ISO639_2	kin	Kinyarwanda
ISO639_2	kir	Kirghiz
IANARFC1766	i-klingon	Klingon
ISO639_2	kom	Komi
ISO639_2	kon	Kongo
ISO639_2	kok	Konkani
ISO639_2	kor	Korean
ISO639_2	kpe	Kpelle
ISO639_2	kro	Kru
ISO639_2	kua	Kuanyama
ISO639_2	kum	Kumyk
ISO639_2	kur	Kurdish
ISO639_2	kru	Kurukh
ISO639_2	kus	Kusaie
ISO639_2	kut	Kutenai
ISO639_2	lad	Ladino
ISO639_2	lah	Lahnda
ISO639_2	lam	Lamba
ISO639_2	oci	Langued'Oc (post 1500)
ISO639_2	lao	Lao
ISO639_2	lat	Latin
ISO639_2	lav	Latvian
ISO639_2	ltz	Letzeburgesch
ISO639_2	lez	Lezghian
ISO639_2	lin	Lingala
ISO639_2	lit	Lithuanian
ISO639_2	loz	Lozi
ISO639_2	lub	Luba-Katanga
ISO639_2	lui	Luiseno
ISO639_2	lun	Lunda
ISO639_2	luo	Luo (Kenyaand Tanzania)
IANARFC1766	i-lux	Luxembourgish
ISO639_2	mac	Macedonian
ISO639_2	mak	Macedonian
ISO639_2	mad	Madurese
ISO639_2	mag	Magahi
ISO639_2	mai	Maithili
ISO639_2	mak	Makasar
ISO639_2	mlg	Malagasy

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ISO639_2	may	Malay
ISO639_2	msa	Malay
ISO639_2	mal	Malayalam
ISO639_2	mlt	Maltese
ISO639_2	man	Mandingo
ISO639_2	mni	Manipuri
ISO639_2	mno	Manobo languages
ISO639_2	max	Manx
ISO639_2	mao	Maori
ISO639_2	mri	Maori
ISO639_2	mar	Marathi
ISO639_2	chm	Mari
ISO639_2	mah	Marshall
ISO639_2	mwr	Marwari
ISO639_2	mas	Masai
ISO639_2	myn	Mayan languages
ISO639_2	men	Mende
ISO639_2	mic	Micmac
IANARFC1766	zh-min	Min
ISO639_2	min	Minangkabau
IANARFC1766	i-mingo	Mingo
ISO639_2	mis	Miscellaneous (Other)
ISO639_2	moh	Mohawk
ISO639_2	mol	Moldavian
ISO639_2	lol	Mongo
ISO639_2	mon	Mongolian
ISO639_2	mkh	Mon-Kmer (Other)
ISO639_2	mos	Mossi
ISO639_2	mul	Multiple languages
ISO639_2	mun	Munda languages
ISO639_2	nau	Nauru
IANARFC1766	i-navajo	Navajo
ISO639_2	nav	Navajo
ISO639_2	nde	Ndebele, North
ISO639_2	nbl	Ndebele, South
ISO639_2	ndo	Ndongo
ISO639_2	nep	Nepali
ISO639_2	new	Newari
ISO639_2	nic	Niger-Kordofanian (Other)
ISO639_2	ssa	Nilo-Saharan (Other)
ISO639_2	niu	Niuean

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ISO639_2	non	Norse, Old
ISO639_2	nai	North American Indian (Other)
ISO639_2	nor	Norwegian
IANARFC1766	no-bok	Norwegian "Book language"
IANARFC1766	no-nyn	Norwegian "New Norwegian"
ISO639_2	nno	Norwegian (Nynorsk)
ISO639_2	nub	Nubian languages
ISO639_2	nym	Nyamwezi
ISO639_2	nya	Nyanja
ISO639_2	nyn	Nyankole
ISO639_2	nyo	Nyoro
ISO639_2	nzi	Nzima
ISO639_2	oji	Ojibwa
ISO639_2	ori	Oriya
ISO639_2	orm	Oromo
ISO639_2	osa	Osage
ISO639_2	oss	Ossetic
ISO639_2	oto	Otomian languages
ISO639_2	pal	Pahlavi
IANARFC1766	i-pwn	Paiwan
ISO639_2	pau	Palauan
ISO639_2	pli	Pali
ISO639_2	pam	Pampanga
ISO639_2	pag	Pangasinan
ISO639_2	pan	Panjabi
ISO639_2	pap	Papiamento
ISO639_2	paa	Papuan-Australian (Other)
ISO639_2	fas	Persian
ISO639_2	peo	Persian, Old (ca 600-400 B.C.)
ISO639_2	phn	Phoenician
ISO639_2	pol	Polish
ISO639_2	pon	Ponape
ISO639_2	por	Portuguese
ISO639_2	pra	Prakrit languages
ISO639_2	pro	Provencal, Old (to1500)
ISO639_2	pus	Pushto
ISO639_2	que	Quechua
ISO639_2	raj	Rajasthani
ISO639_2	rar	Rarotongan
ISO639_2	roh	Rhaeto-Romance
ISO639_2	roa	Romance (Other)

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ISO639_2	ron	Romanian
ISO639_2	rum	Romanian
ISO639_2	rom	Romany
ISO639_2	run	Rundi
ISO639_2	rus	Russian
ISO639_2	sal	Salishan languages
ISO639_2	sam	Samaritan Aramaic
ISO639_2	smi	Sami languages
ISO639_2	smo	Samoan
ISO639_2	sad	Sandawe
ISO639_2	sag	Sango
ISO639_2	san	Sanskrit
ISO639_2	srd	Sardinian
ISO639_2	sco	Scots
ISO639_2	sel	Selkup
ISO639_2	sem	Semitic (Other)
ISO639_2	scr	Serbo-Croatian
ISO639_2	srr	Serer
ISO639_2	shn	Shan
IANARFC1766	zh-wuu	Shanghaiese
ISO639_2	sna	Shona
ISO639_2	sid	Sidamo
ISO639_2	bla	Siksika
ISO639_2	snd	Sindhi
ISO639_2	sin	Singhalese
ISO639_2	sit	Sino-Tibetan (Other)
ISO639_2	sio	Siouan languages
ISO639_2	ssw	Siswant
ISO639_2	sla	Slavic (Other)
ISO639_2	slk	Slovak
ISO639_2	slv	Slovenian
ISO639_2	sog	Sogdian
ISO639_2	som	Somali
ISO639_2	son	Songhai
ISO639_2	wen	Sorbian languages
ISO639_2	nso	Sotho, Northern
ISO639_2	sot	Sotho, Southern
ISO639_2	sai	South American Indian (Other)
ISO639_2	esl	Spanish
IANARFC1766	zh-guoyu	Standard Chinese
ISO639_2	sun	Sudanese

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ISO639_2	suk	Sukuma
ISO639_2	sux	Sumerian
ISO639_2	sus	Susu
ISO639_2	swa	Swahili
ISO639_2	ssw	Swazi
ISO639_2	sve	Swedish
ISO639_2	syr	Syriac
ISO639_2	tgl	Tagalog
ISO639_2	tah	Tahitian
IANARFC1766	zh-min	Taiwanese
ISO639_2	tgk	Tajik
ISO639_2	tmh	Tamashek
ISO639_2	tam	Tamil
IANARFC1766	i-tao	Tao
ISO639_2	tat	Tatar
IANARFC1766	i-tay	Tayal
ISO639_2	tel	Telugu
ISO639_2	ter	Tereno
ISO639_2	tha	Thai
ISO639_2	bod	Tibetan
ISO639_2	tig	Tigre
ISO639_2	tir	Tigrinya
ISO639_2	tem	Timne
ISO639_2	tiv	Tivi
ISO639_2	tli	Tlingit
ISO639_2	tog	Tonga (Nyasa)
ISO639_2	ton	Tonga (Tonga Islands)
ISO639_2	tru	Truk
ISO639_2	tsi	Tsimshian
ISO639_2	tso	Tsonga
IANARFC1766	i-tsu	Tsou
ISO639_2	tsn	Tswana
ISO639_2	tum	Tumbuka
ISO639_2	tur	Turkish
ISO639_2	ota	Turkish, Ottoman (1500-1928)
ISO639_2	tuk	Turkmen
ISO639_2	tyv	Tuvinian
ISO639_2	twi	Twi
ISO639_2	uga	Ugaritic
ISO639_2	uig	Uighur
ISO639_2	ukr	Ukrainian

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ISO639_2	umb	Umbundu
ISO639_2	und	Undetermined
ISO639_2	urd	Urdu
ISO639_2	uzb	Uzbek
ISO639_2	vai	Vai
ISO639_2	ven	Venda
ISO639_2	vie	Vietnamese
ISO639_2	vol	Volapük
ISO639_2	vot	Votic
ISO639_2	wak	Wakashan languages
ISO639_2	wal	Walamo
ISO639_2	war	Waray
ISO639_2	was	Washo
ISO639_2	cym	Welsh
ISO639_2	wol	Wolof
IANARFC1766	zh-wuu	Wu
ISO639_2	xho	Xhosa
IANARFC1766	zh-xiang	Xiang
ISO639_2	sah	Yakut
ISO639_2	yao	Yao
ISO639_2	yap	Yap
ISO639_2	yid	Yiddish
ISO639_2	yor	Yoruba
ISO639_2	zap	Zapotec
ISO639_2	zen	Zenaga
ISO639_2	zha	Zhuang
ISO639_2	zul	Zulu
ISO639_2	zun	Zuni

Notes: 1. The IANARFC1766 codes are those registered with IANA for use with RFC 1766, and the most recent list can be found at http://www.isi.edu/in-notes/iana/assignments/languages/tags.

2. The “two letter” codes from ISO 639-1:1988 are not used.

3. The ISO639_2 codes are a subset of DIS 639-2, and are the proposed “three letter” codes. They are used here since they cover a much greater range of languages than the two letter codes. Only a subset of 639-2 is included, since duplicates that provide alternative strings for the same language (e.g. both “ger” and “deu” for German) have been removed.

4. ISO 639 codes are always lower case letters.

5. Useful resources for the latest lists of ISO 639 codes can be found at “http://www.dsv.su.se/~jpalme/ietf/language-codes.html“.

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CID 5001 Countries

Context ID 5001
Countries

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
ISO3166_1	AF	AFGHANISTAN
ISO3166_1	AL	ALBANIA
ISO3166_1	DZ	ALGERIA
ISO3166_1	AS	AMERICAN SAMOA
ISO3166_1	AD	ANDORRA
ISO3166_1	AO	ANGOLA
ISO3166_1	AI	ANGUILLA
ISO3166_1	AQ	ANTARCTICA
ISO3166_1	AG	ANTIGUA AND BARBUDA
ISO3166_1	AR	ARGENTINA
ISO3166_1	AM	ARMENIA
ISO3166_1	AW	ARUBA
ISO3166_1	AU	AUSTRALIA
ISO3166_1	AT	AUSTRIA
ISO3166_1	AZ	AZERBAIJAN
ISO3166_1	BS	BAHAMAS
ISO3166_1	BH	BAHRAIN
ISO3166_1	BD	BANGLADESH
ISO3166_1	BB	BARBADOS
ISO3166_1	BY	BELARUS
ISO3166_1	BE	BELGIUM
ISO3166_1	BZ	BELIZE
ISO3166_1	BJ	BENIN
ISO3166_1	BM	BERMUDA
ISO3166_1	BT	BHUTAN
ISO3166_1	BO	BOLIVIA
ISO3166_1	BA	BOSNIA AND HERZEGOVINA
ISO3166_1	BW	BOTSWANA
ISO3166_1	BV	BOUVET ISLAND
ISO3166_1	BR	BRAZIL
ISO3166_1	IO	BRITISH INDIAN OCEAN TERRITORY
ISO3166_1	BN	BRUNEI DARUSSALAM
ISO3166_1	BG	BULGARIA
ISO3166_1	BF	BURKINA FASO
ISO3166_1	BI	BURUNDI

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ISO3166_1	KH	CAMBODIA
ISO3166_1	CM	CAMEROON
ISO3166_1	CA	CANADA
ISO3166_1	CV	CAPE VERDE
ISO3166_1	KY	CAYMAN ISLANDS
ISO3166_1	CF	CENTRAL AFRICAN REPUBLIC
ISO3166_1	TD	CHAD
ISO3166_1	CL	CHILE
ISO3166_1	CN	CHINA
ISO3166_1	CX	CHRISTMAS ISLAND
ISO3166_1	CC	COCOS (KEELING) ISLANDS
ISO3166_1	CO	COLOMBIA
ISO3166_1	KM	COMOROS
ISO3166_1	CG	CONGO
ISO3166_1	CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
ISO3166_1	CK	COOK ISLANDS
ISO3166_1	CR	COSTA RICA
ISO3166_1	CI	CÔTE D'IVOIRE
ISO3166_1	HR	CROATIA
ISO3166_1	CU	CUBA
ISO3166_1	CY	CYPRUS
ISO3166_1	CZ	CZECH REPUBLIC
ISO3166_1	DK	DENMARK
ISO3166_1	DJ	DJIBOUTI
ISO3166_1	DM	DOMINICA
ISO3166_1	DO	DOMINICAN REPUBLIC
ISO3166_1	TP	EAST TIMOR
ISO3166_1	EC	ECUADOR
ISO3166_1	EG	EGYPT
ISO3166_1	SV	EL SALVADOR
ISO3166_1	GQ	EQUATORIAL GUINEA
ISO3166_1	ER	ERITREA
ISO3166_1	EE	ESTONIA
ISO3166_1	ET	ETHIOPIA
ISO3166_1	FK	FALKLAND ISLANDS
ISO3166_1	FO	FAROE ISLANDS
ISO3166_1	FJ	FIJI
ISO3166_1	FI	FINLAND
ISO3166_1	FR	FRANCE
ISO3166_1	GF	FRENCH GUIANA
ISO3166_1	PF	FRENCH POLYNESIA

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ISO3166_1	TF	FRENCH SOUTHERN TERRITORIES
ISO3166_1	GA	GABON
ISO3166_1	GM	GAMBIA
ISO3166_1	GE	GEORGIA
ISO3166_1	DE	GERMANY
ISO3166_1	GH	GHANA
ISO3166_1	GI	GIBRALTAR
ISO3166_1	GR	GREECE
ISO3166_1	GL	GREENLAND
ISO3166_1	GD	GRENADA
ISO3166_1	GP	GUADELOUPE
ISO3166_1	GU	GUAM
ISO3166_1	GT	GUATEMALA
ISO3166_1	GN	GUINEA
ISO3166_1	GW	GUINEA-BISSAU
ISO3166_1	GY	GUYANA
ISO3166_1	HT	HAITI
ISO3166_1	HM	HEARD ISLAND AND MCDONALD ISLANDS
ISO3166_1	VA	HOLY SEE (VATICAN CITY STATE)
ISO3166_1	HN	HONDURAS
ISO3166_1	HK	HONG KONG
ISO3166_1	HU	HUNGARY
ISO3166_1	IS	ICELAND
ISO3166_1	IN	INDIA
ISO3166_1	ID	INDONESIA
ISO3166_1	IR	IRAN, ISLAMIC REPUBLIC OF
ISO3166_1	IQ	IRAQ
ISO3166_1	IE	IRELAND
ISO3166_1	IL	ISRAEL
ISO3166_1	IT	ITALY
ISO3166_1	JM	JAMAICA
ISO3166_1	JP	JAPAN
ISO3166_1	JO	JORDAN
ISO3166_1	KZ	KAZAKSTAN
ISO3166_1	KE	KENYA
ISO3166_1	KI	KIRIBATI
ISO3166_1	KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
ISO3166_1	KR	KOREA, REPUBLIC OF
ISO3166_1	KW	KUWAIT
ISO3166_1	KG	KYRGYZSTAN
ISO3166_1	LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC

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ISO3166_1	LV	LATVIA
ISO3166_1	LB	LEBANON
ISO3166_1	LS	LESOTHO
ISO3166_1	LR	LIBERIA
ISO3166_1	LY	LIBYAN ARAB JAMAHIRIYA
ISO3166_1	LI	LIECHTENSTEIN
ISO3166_1	LT	LITHUANIA
ISO3166_1	LU	LUXEMBOURG
ISO3166_1	MO	MACAU
ISO3166_1	MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
ISO3166_1	MG	MADAGASCAR
ISO3166_1	MW	MALAWI
ISO3166_1	MY	MALAYSIA
ISO3166_1	MV	MALDIVES
ISO3166_1	ML	MALI
ISO3166_1	MT	MALTA
ISO3166_1	MH	MARSHALL ISLANDS
ISO3166_1	MQ	MARTINIQUE
ISO3166_1	MR	MAURITANIA
ISO3166_1	MU	MAURITIUS
ISO3166_1	YT	MAYOTTE
ISO3166_1	MX	MEXICO
ISO3166_1	FM	MICRONESIA, FEDERATED STATES OF
ISO3166_1	MD	MOLDOVA, REPUBLIC OF
ISO3166_1	MC	MONACO
ISO3166_1	MN	MONGOLIA
ISO3166_1	MS	MONTSERRAT
ISO3166_1	MA	MOROCCO
ISO3166_1	MZ	MOZAMBIQUE
ISO3166_1	MM	MYANMAR
ISO3166_1	NA	NAMIBIA
ISO3166_1	NR	NAURU
ISO3166_1	NP	NEPAL
ISO3166_1	NL	NETHERLANDS
ISO3166_1	AN	NETHERLANDS ANTILLES
ISO3166_1	NC	NEW CALEDONIA
ISO3166_1	NZ	NEW ZEALAND
ISO3166_1	NI	NICARAGUA
ISO3166_1	NE	NIGER
ISO3166_1	NG	NIGERIA
ISO3166_1	NU	NIUE

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ISO3166_1	NF	NORFOLK ISLAND
ISO3166_1	MP	NORTHERN MARIANA ISLANDS
ISO3166_1	NO	NORWAY
ISO3166_1	OM	OMAN
ISO3166_1	PK	PAKISTAN
ISO3166_1	PW	PALAU
ISO3166_1	PS	PALESTINIAN TERRITORY, OCCUPIED
ISO3166_1	PA	PANAMA
ISO3166_1	PG	PAPUA NEW GUINEA
ISO3166_1	PY	PARAGUAY
ISO3166_1	PE	PERU
ISO3166_1	PH	PHILIPPINES
ISO3166_1	PN	PITCAIRN
ISO3166_1	PL	POLAND
ISO3166_1	PT	PORTUGAL
ISO3166_1	PR	PUERTO RICO
ISO3166_1	QA	QATAR
ISO3166_1	RE	RÉUNION
ISO3166_1	RO	ROMANIA
ISO3166_1	RU	RUSSIAN FEDERATION
ISO3166_1	RW	RWANDA
ISO3166_1	SH	SAINT HELENA
ISO3166_1	KN	SAINT KITTS AND NEVIS
ISO3166_1	LC	SAINT LUCIA
ISO3166_1	PM	SAINT PIERRE AND MIQUELON
ISO3166_1	VC	SAINT VINCENT AND THE GRENADINES
ISO3166_1	WS	SAMOA
ISO3166_1	SM	SAN MARINO
ISO3166_1	ST	SAO TOME AND PRINCIPE
ISO3166_1	SA	SAUDI ARABIA
ISO3166_1	SN	SENEGAL
ISO3166_1	SC	SEYCHELLES
ISO3166_1	SL	SIERRA LEONE
ISO3166_1	SG	SINGAPORE
ISO3166_1	SK	SLOVAKIA
ISO3166_1	SI	SLOVENIA
ISO3166_1	SB	SOLOMON ISLANDS
ISO3166_1	SO	SOMALIA
ISO3166_1	ZA	SOUTH AFRICA
ISO3166_1	GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
ISO3166_1	ES	SPAIN

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ISO3166_1	LK	SRI LANKA
ISO3166_1	SD	SUDAN
ISO3166_1	SR	SURINAME
ISO3166_1	SJ	SVALBARD AND JAN MAYEN
ISO3166_1	SZ	SWAZILAND
ISO3166_1	SE	SWEDEN
ISO3166_1	CH	SWITZERLAND
ISO3166_1	SY	SYRIAN ARAB REPUBLIC
ISO3166_1	TW	TAIWAN, PROVINCE OF CHINA
ISO3166_1	TJ	TAJIKISTAN
ISO3166_1	TZ	TANZANIA, UNITED REPUBLIC OF
ISO3166_1	TH	THAILAND
ISO3166_1	TG	TOGO
ISO3166_1	TK	TOKELAU
ISO3166_1	TO	TONGA
ISO3166_1	TT	TRINIDAD AND TOBAGO
ISO3166_1	TN	TUNISIA
ISO3166_1	TR	TURKEY
ISO3166_1	TM	TURKMENISTAN
ISO3166_1	TC	TURKS AND CAICOS ISLANDS
ISO3166_1	TV	TUVALU
ISO3166_1	UG	UGANDA
ISO3166_1	UA	UKRAINE
ISO3166_1	AE	UNITED ARAB EMIRATES
ISO3166_1	GB	UNITED KINGDOM
ISO3166_1	US	UNITED STATES
ISO3166_1	UM	UNITED STATES MINOR OUTLYING ISLANDS
ISO3166_1	UY	URUGUAY
ISO3166_1	UZ	UZBEKISTAN
ISO3166_1	VU	VANUATU
ISO3166_1	VE	VENEZUELA
ISO3166_1	VN	VIETNAM
ISO3166_1	VG	VIRGIN ISLANDS, BRITISH
ISO3166_1	VI	VIRGIN ISLANDS, U.S.
ISO3166_1	WF	WALLIS AND FUTUNA
ISO3166_1	EH	WESTERN SAHARA
ISO3166_1	YE	YEMEN
ISO3166_1	YU	YUGOSLAVIA
ISO3166_1	ZM	ZAMBIA
ISO3166_1	ZW	ZIMBABWE

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Notes: 1. The ISO3166_1 codes are from ISO 3166-1, last updated 1999/10/01, as listed at "http://www.din.de/gremien/nas/nabd/iso3166ma/codlstp1.html".

2. ISO 3166 codes are always upper case letters.

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CID 6000 Overall Breast Composition

Context ID 6000
Overall Breast Composition

Type: Extensible Version: 20020904

Note: In future extensions, Overall Breast Composition terms that are not derived from BI-RADS®BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6001

CID 6001 Overall Breast Composition from BI-RADS®

Context ID 6001
Overall Breast Composition from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E77)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01711	Almost entirely fat
SRT	1.1	F-01712	Scattered fibroglandular densities
SRT	1.1	F-01713	Heterogeneously dense
SRT	1.1	F-01714	Extremely dense

CID 6002 Change Since Last Mammogram or Prior Surgery

Context ID 6002
Change Since Last Mammogram or Prior Surgery

Type: Extensible Version: 20020904

Note: In future extensions, Change Since Last Mammogram or Prior Surgery terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6003

CID 6003 Change Since Last Mammogram or Prior Surgery from BI-RADS®

Context ID 6003
Change Since Last Mammogram or Prior Surgery from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E79)

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01721	New finding
SRT	1.1	F-01722	Finding partially removed
SRT	1.1	F-01723	No significant changes in the finding
SRT	1.1	M-02520	Increase in size
SRT	1.1	M-02530	Decrease in size
SRT	1.1	F-01726	Increase in number of calcifications
SRT	1.1	F-01727	Decrease in number of calcifications
SRT	1.1	F-01728	Less defined
SRT	1.1	F-01729	More defined
SRT	1.1	F-0172A	Removal of implant since previous mammogram
SRT	1.1	F-0172B	Implant revised since previous mammogram

CID 6004 Mammography Characteristics of Shape

Context ID 6004
Mammography Characteristics of Shape

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Characteristics of Shape terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6005

CID 6005 Characteristics of Shape from BI-RADS®

Context ID 6005
Characteristics of Shape from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E80)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-02100	Round shape
SNM3		M-02120	Ovoid shape (Oval)
SNM3		G-A640	Lobular
SNM3		G-A402	Irregular

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CID 6006 Mammography Characteristics of Margin

Context ID 6006
Mammography Characteristics of Margin

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Characteristics of Margin terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6007

CID 6007 Characteristics of Margin from BI-RADS®

Context ID 6007
Characteristics of Margin from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E81)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01741	Circumscribed lesion
SRT	1.1	F-01742	Microlobulated lesion
SRT	1.1	F-01743	Obscured lesion
SRT	1.1	F-01744	Indistinct lesion
SRT	1.1	F-01745	Spiculated lesion

CID 6008 Density Modifier

Context ID 6008
Density Modifier

Type: Extensible Version: 20020904

Note: In future extensions, Density Modifier terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6009

CID 6009 Density Modifier from BI-RADS®

Context ID 6009
Density Modifier from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E82)

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01751	High density lesion
SRT	1.1	F-01752	Equal density (isodense) lesion
SRT	1.1	F-01753	Low density (not containing fat) lesion
SRT	1.1	F-01754	Fat containing (radiolucent) lesion

CID 6010 Mammography Calcification Types

Context ID 6010
Mammography Calcification Types

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Calcification Types terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6011

CID 6011 Calcification Types from BI-RADS®

Context ID 6011
Calcification Types from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E83)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01761	Coarse (popcorn-like) calcification
SRT	1.1	F-01762	Dystrophic calcification
SRT	1.1	F-01763	Eggshell calcification
SRT	1.1	F-01764	Large rod-like calcification
SRT	1.1	F-01765	Milk of calcium calcification
SRT	1.1	F-01766	Lucent-centered calcification
SRT	1.1	F-01767	Punctate calcification
SRT	1.1	F-01768	Round shaped calcification
SRT	1.1	F-01769	Calcified skin of breast
SRT	1.1	F-0176A	Calcified suture material
SRT	1.1	F-0176B	Vascular calcification
SRT	1.1	F-0176C	Amorphous calcification
SRT	1.1	F-0176D	Fine, linear (casting) calcification
SRT	1.1	F-0176E	Fine linear, branching (casting) calcification
SRT	1.1	F-0176F	Heterogeneous calcification

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CID 6012 Calcification Distribution Modifier

Context ID 6012
Calcification Distribution Modifier

Type: Extensible Version: 20020904

Note: In future extensions, Calcification Distribution Modifier terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6013

CID 6013 Calcification Distribution Modifier from BI-RADS®

Context ID 6013
Calcification Distribution Modifier from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E84)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01770	Diffuse calcification distribution
SRT	1.1	F-01771	Linear calcification distribution
SRT	1.1	F-01772	Grouped calcification distribution
SRT	1.1	F-01773	Regional calcification distribution
SRT	1.1	F-01774	Segmental calcification distribution

CID 6014 Mammography Single Image Finding

Context ID 6014
Mammography Single Image Finding

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Single Image Finding terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6015
DCM		111099	Selected region
DCM		111100	Breast geometry
DCM		111101	Image Quality
DCM		111102	Non-lesion
SNM3		T-04100	Nipple

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CID 6015 Single Image Finding from BI-RADS®

Context ID 6015
Single Image Finding from BI-RADS®

Type: Extensible Version: 20020904

Note: Collected from BI-RADS® Third Edition

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01796	Mammographic breast density
SRT	1.1	F-01776	Individual Calcification
SRT	1.1	F-01775	Calcification Cluster
SRT	1.1	F-01795	Architectural distortion of breast
SRT	1.1	F-01797	Tubular density
SNM3		T-C4351	Intra-mammary lymph node
SRT	1.1	F-01798	Trabecular thickening of breast
SRT	1.1	F-01710	Breast composition
SRT	1.1	F-01799	Skin retraction of breast
SRT	1.1	F-0179A	Skin thickening of breast
BI	3.0	I.E.6	Axillary adenopathy
SNM3	1.1	D0-00050	Skin lesion

CID 6016 Mammography Composite Feature

Context ID 6016
Mammography Composite Feature

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Composite Feature terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6014
			Include CONTEXT GROUP 6017

CID 6017 Composite Feature from BI-RADS®

Context ID 6017
Composite Feature from BI-RADS®

Type: Extensible Version: 20020904

Note: Collected from BI-RADS® Third Edition

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01791	Mammographic breast mass
SRT	1.1	F-01792	Focal asymmetric breast tissue
SRT	1.1	F-01793	Asymmetric breast tissue

CID 6018 Clockface Location

Context ID 6018
Clockface Location

Type: Extensible Version: 20020904

Note: In future extensions, Clockface Location terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6019

CID 6019 Clockface Location from BI-RADS®

Context ID 6019
Clockface Location from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® 3.1, with Addendum 3.1 (National Mammography Database, E96)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-01781	1 o'clock position
SRT	1.1	F-01782	2 o'clock position
SRT	1.1	F-01783	3 o'clock position
SRT	1.1	F-01784	4 o'clock position
SRT	1.1	F-01785	5 o'clock position
SRT	1.1	F-01786	6 o'clock position
SRT	1.1	F-01787	7 o'clock position
SRT	1.1	F-01788	8 o'clock position
SRT	1.1	F-01789	9 o'clock position
SRT	1.1	F-0178A	10 o'clock position
SRT	1.1	F-0178B	11 o'clock position
SRT	1.1	F-0178C	12 o'clock position
SRT	1.1	F-0178D	Subareolar position
SRT	1.1	F-0178E	Axillary tail position
SRT	1.1	F-0178F	Central portion of breast position
SRT	1.1	F-01794	Axilla position

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CID 6020 Quadrant Location

Context ID 6020
Quadrant Location

Type: Extensible Version: 20020904

Note: In future extensions, Quadrant Location terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6021

CID 6021 Quadrant Location from BI-RADS®

Context ID 6021
Quadrant Location from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E97)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.0	T-04004	Upper outer quadrant of breast
SRT	1.0	T-04002	Upper inner quadrant of breast
SRT	1.0	T-04005	Lower outer quadrant of breast
SRT	1.0	T-04003	Lower inner quadrant of breast

CID 6022 Side

Context ID 6022
Side

Type: Non-Extensible Version: 20020904

Note: In future extensions, Side terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6023

CID 6023 Side from BI-RADS®

Context ID 6023
Side from BI-RADS®

Type: Non-Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E98)

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		T-04030	Left breast
SNM3		T-04020	Right breast
SNM3		T-04080	Both breasts

CID 6024 Depth

Context ID 6024
Depth

Type: Extensible Version: 20020904

Note: In future extensions, Depth terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6025

CID 6025 Depth from BI-RADS®

Context ID 6025
Depth from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E99)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		G-A105	Anterior
SNM3		G-A109	Middle
SNM3		G-A106	Posterior

CID 6026 Mammography Assessment

Context ID 6026
Mammography Assessment

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Assessment terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6027

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CID 6027 Assessment from BI-RADS®

Context ID 6027
Assessment from BI-RADS®
Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E100)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
BI	3.0	II.AC.a	0 - Need additional imaging evaluation
BI	3.0	II.AC.b.1	1 – Negative
BI	3.0	II.AC.b.2	2 – Benign Finding
BI	3.0	II.AC.b.3	3 - Probably Benign Finding – short interval follow-up
BI	3.0	II.AC.b.4	4 - Suspicious abnormality, biopsy should be considered
BI	3.0	II.AC.b.5	5 - Highly suggestive of malignancy, take appropriate action

CID 6028 Mammography Recommended Follow-up

Context ID 6028
Mammography Recommended Follow-up
Type: Extensible Version: 20020904

Note: In future extensions, Mammography Recommended Follow-up terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6029

CID 6029 Recommended Follow-up from BI-RADS®

Context ID 6029
Recommended Follow-up from BI-RADS®
Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition (National Mammography Database, E101) for Assessment Category 0

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111135	Additional projections
SNM3		R-102D6	Magnification views
SNM3		R-102D7	Spot compression
DCM		111136	Spot magnification view(s)
SRT	1.1	P5-B0099	Ultrasound procedure

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111138	Old films for comparison
SRT	1.1	P5-40060	Mammary ductogram
DCM		111140	Normal interval follow-up
DCM		111141	Any decision to biopsy should be based on clinical assessment
DCM		111142	Follow-up at short interval (1-11 months)
DCM		111143	Biopsy should be considered
DCM		111144	Needle localization and biopsy
DCM		111145	Histology using core biopsy
DCM		111146	Suggestive of malignancy – take appropriate action
DCM		111147	Cytologic analysis
DCM		111148	Biopsy should be strongly considered
DCM		111149	Highly suggestive of malignancy – take appropriate action

CID 6030 Mammography Pathology Codes

Context ID 6030
Mammography Pathology Codes

Type: Extensible Version: 20020904

Note: In future extensions, Mammography Pathology Codes terms that are not derived from BI-RADS® should be added to this context group.

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT GROUP 6031
			Include CONTEXT GROUP 6032
			Include CONTEXT GROUP 6033

CID 6031 Benign Pathology Codes from BI-RADS®

Context ID 6031
Benign Pathology Codes from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition, with Addendum 3.1 (National Mammography Database, F110)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-41610	Abscess
SNM3		M-74200	Adenosis
SNM3		M-81400	Adenoma
SNM3		M-83240	Adenolipoma

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-73310	Apocrine Metaplasia
SNM3		M-89830	Adenomyoepithelioma
SNM3		M-55160	Amyloid (tumor)
DCM		111251	Normal axillary node
SNM3		M-88610	Angiolipoma
DCM		111252	Axillary node with calcifications
SNM3		M-76100	Angiomatosis
DCM		111253	Axillary node hyperplasia
SNM3		F-8A063	Asynchronous involution of breast
SNM3		D7-90360	Cyst of breast
DCM		111255	Benign cyst with blood
DCM		111256	Benign Calcifications
SNM3		M-92200	Chondroma
SNM3		M-85040	Intracystic papilloma
DCM		111258	Ductal adenoma
SNM3		D7-90370	Mammary duct ectasia
DCM		111259	Diabetic fibrous mastopathy
SNM3		M-72170	Ductal hyperplasia, Usual
SNM3		M-88211	Extra abdomenal desmoid
SNM3		D4-48014	Ectopic (accessory) breast tissue
SNM3		M-33410	Epidermal inclusion cyst
SNM3		M-36300	Edema
SNM3		M-90100	Fibroadenoma
DCM		111263	Fibroadenomatoid hyperplasia
DCM		111264	Fibroadenolipoma
SNM3		M-44140	Foreign body (reaction)
SNM3		D7-90310	Fibrocystic disease of breast
SNM3		M-78266	Focal fibrosis
SNM3		M-78800	Fibromatosis
SNM3		D7-90434	Fat necrosis of breast
SNM3		D7-90364	Galactocele
SNM3		M-95800	Granular cell tumor
SNM3		M-90160	Giant fibroadenoma
SNM3		D7-90420	Gynecomastia
SNM3		M-75500	Hamartoma
SNM3		M-91200	Hemangioma
SNM3		D3-F0620	Hemangioma of subcutaneous tissue
SNM3		M-91220	Hemangioma – venous

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-35060	Hematoma
SNM3		M-72000	Hyperplasia, usual
SNM3		D7-90452	Infarction of breast
SNM3		M-40000	Inflammation
SNM3		T-C4351	Intra-mammary lymph node
SNM3		M-85030	Intraductal papilloma
SNM3		M-90300	Juvenile fibroadenoma
DCM		111277	Juvenile papillomatosis
SNM3		M-82040	Lactating adenoma
SNM3		M-88500	Lipoma of the breast
DCM		111279	Lactational change
SNM3		D7-90428	Breast lobular hyperplasia
SNM3		M-88900	Leiomyoma
SNM3		T-C4000	Lymph node
DCM		111281	Large duct papilloma
SNM3		D3-87780	Thrombophlebitis of breast (Mondor's disease)
SNM3		M-88250	Myofibroblastoma
DCM		111284	Microglandular adenosis
DCM		111285	Multiple Intraductal Papillomas
DCM		111286	No abnormality
DCM		111287	Normal breast tissue
SNM3		M-95400	Neurofibroma
SNM3		M-95401	Neurofibromatosis
SNM3		D7-F0810	Benign neoplasm of nipple of female breast (Nipple adenoma)
DCM		111290	Oil cyst (fat necrosis cyst)
SNM3		M-80500	Papilloma
SNM3		M-89400	Pleomorphic adenoma
DCM		111291	Post reduction mammoplasty
DCM		111292	Pseudoangiomatous stromal hyperplasia
SNM3		M-78731	Radial scar
SNM3		M-74220	Sclerosing adenosis
SNM3		M-36050	Seroma
DCM		111296	Silicone granuloma
SNM3		M-78060	Scar tissue
SNM3		M-82110	Tubular adenoma
DCM		111298	Virginal hyperplasia

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CID 6032 High Risk Lesions Pathology Codes from BI-RADS®

Context ID 6032
High Risk Lesions Pathology Codes from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition, with Addendum 3.1 (National Mammography Database, F110)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-72175	Atypical intraductal hyperplasia
SNM3		M-72105	Atypical lobular hyperplasia
SNM3		D7-F0A02	Lobular carcinoma in situ of breast
DCM		111299	Peripheral duct papillomas
SNM3		M-90201	Phyllodes tumor

CID 6033 Malignant Pathology Codes from BI-RADS®

Context ID 6033
Malignant Pathology Codes from BI-RADS®

Type: Extensible Version: 20020904

Note: From BI-RADS® Third Edition, with Addendum 3.1 (National Mammography Database, F110)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-82003	Adenoid cystic carcinoma
DCM		111300	Axillary node with lymphoma
DCM		111301	Axillary nodal metastases
SNM3		M-84013	Apocrine adenocarcinoma
SNM3		M-91203	Angiosarcoma
DCM		111307	Basal cell carcinoma of nipple
DCM		111303	Blood vessel (vascular) invasion
SNM3		M-84803	Mucinous adenocarcinoma (Colloid carcinoma)
DCM		111304	Carcinoma in children
SNM3		M-92203	Chondrosarcoma
DCM		111305	Carcinoma in ectopic breast
DCM		111306	Carcinoma with endocrine differentiation
SNM3		M-85012	Comedocarcinoma (intraductal)
SNM3		D7-F0902	Carcinoma in situ of male breast
SNM3		M-85733	Carcinoma with metaplasia
DCM		111309	Cartilaginous and osseous change
DCM		111310	Carcinoma in pregnancy and lactation
SNM3		M-89803	Carcinosarcoma
DCM		111312	Intraductal comedocarcinoma with necrosis

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DCM		111341	Intraductal carcinoma, high grade
DCM		111313	Intraductal carcinoma, low grade
SNM3		M-85072	Intraductal carcinoma micro-papillary
SNM3		M-88103	Fibrosarcoma
SNM3		M-83153	Glycogen-rich carcinoma
SNM3		M-91501	Hemangiopericytoma
SNM3		M-96503	Hodgkin's disease (lymphoma)
SNM3		M-82013	Invasive cribriform carcinoma
DCM		111315	Intracystic papillary carcinoma
SNM3		M-85003	Infiltrating duct carcinoma
DCM		111316	Invasive and in-situ carcinoma
SNM3		M-85203	Invasive lobular carcinoma
SNM3		M-85303	Inflammatory carcinoma
SNM3		M-80503	Papillary carcinoma (invasive)
DCM		111318	Leukemic infiltration
SNM3		M-88903	Leiomyosarcoma
SNM3		M-88503	Liposarcoma
SNM3		M-83143	Lipid-rich (lipid-secreting) carcinoma
DCM		111320	Lympathic vessel invasion
SNM3		M-95903	Lymphoma
DCM		111322	Occult carcinoma presenting with axillary lymph node metastases
DCM		111323	Metastatic cancer to the breast
DCM		111324	Metastatic cancer to the breast from the colon
DCM		111325	Metastatic cancer to the breast from the lung
DCM		111326	Metastatic melanoma to the breast
DCM		111327	Metastatic cancer to the breast from the ovary
DCM		111328	Metastatic sarcoma to the breast
SNM3		M-85103	Medullary carcinoma
DCM		111329	Multifocal intraductal carcinoma
DCM		111330	Metastatic disease to axillary node
SNM3		M-88303	Malignant fibrous histiocytoma
DCM		111332	Multifocal invasive ductal carcinoma
DCM		111333	Metastasis to an intramammary lymph node
DCM		111334	Malignant melanoma of nipple
SNM3		M-95913	Non-Hodgkin's lymphoma
SNM3		D0-F035F	Neoplasm of the mammary skin
SNM3		M-91803	Osteogenic sarcoma
SNM3		M-80502	Papillary carcinoma in-situ
SNM3		M-85403	Paget's disease, mammary (of the nipple)
SNM3		M-97313	Plasmacytoma
SNM3		M-90203	Phyllodes tumor, malignant

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DCM		111338	Recurrent malignancy
SNM3		M-84903	Signet ring cell carcinoma
DCM		111340	Squamous cell carcinoma of the nipple
SNM3		M-78190	Spindle cell nodule (tumor)
SNM3		M-85023	Secretory (juvenile) carcinoma of the breast
SNM3		M-80703	Squamous cell carcinoma
SNM3		M-82113	Tubular adenocarcinoma

CID 6034 Intended Use of CAD Output

Context ID 6034
Intended Use of CAD Output

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111150	Presentation Required: Rendering device is expected to present
DCM		111151	Presentation Optional: Rendering device may present
DCM		111152	Not for Presentation: Rendering device expected not to present

CID 6035 Composite Feature Relations

Context ID 6035
Composite Feature Relations

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111153	Target content items are related temporally
DCM		111154	Target content items are related spatially
DCM		111155	Target content items are related contra-laterally

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CID 6036 Scope of Feature

Context ID 6036
Scope of Feature
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111156	Feature detected on the only image
DCM		111157	Feature detected on only one of the images
DCM		111158	Feature detected on multiple images
DCM		111159	Feature detected on images from multiple modalities

CID 6037 Mammography Quantitative Temporal Difference Type

Context ID 6037
Mammography Quantitative Temporal Difference Type
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-017B1	Difference in size
SRT	1.1	F-017B2	Difference in opacity
SRT	1.1	F-017B3	Difference in location
SRT	1.1	F-017B4	Difference in spatial proximity
SRT	1.1	F-017B5	Difference in number of calcifications

CID 6038 Mammography Qualitative Temporal Difference Type

Context ID 6038
Mammography Qualitative Temporal Difference Type
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	F-017B6	Difference in shape
SRT	1.1	F-017B7	Difference in margin
SRT	1.1	F-017B8	Difference in symmetry

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CID 6039 Nipple Characteristic

Context ID 6039
Nipple Characteristic
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		M-02000	Normal shape
SNM3		D7-90554	Nipple retraction

CID 6040 Non-Lesion Object Type

Context ID 6040
Non-Lesion Object Type
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		A-04010	Implant
SNM3		M-78060	Scar tissue
SNM3		A-32475	BB shot (Lead Pellet)
SNM3		J-83250	Metal (Lead) Marker
SNM3		A-32110	Bullet
SNM3		A-1016B	J Wire
SNM3		A-13600	Staple
SNM3		A-13510	Suture material
SNM3		A-12062	Clip
SNM3		A-11101	Pacemaker
SNM3		A-26800	Catheter
SNM3		A-10042	Compression paddle
SNM3		A-10044	Collimator
SNM3		A-16016	ID Plate
SNM3		C-B0300	Contrast agent NOS
DCM		111175	Other Marker
DCM		111176	Unspecified

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CID 6041 Mammography Image Quality Finding

Context ID 6041
Mammography Image Quality Finding
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111177	View and Laterality Marker is missing[1]
DCM		111178	View and Laterality Marker does not have both view and laterality[2]
DCM		111179	View and Laterality Marker does not have approved codes[2]
DCM		111180	View and Laterality Marker is not near the axilla[2]
DCM		111181	View and Laterality Marker overlaps breast tissue[2]
DCM		111182	View and Laterality Marker is partially obscured[2]
DCM		111183	View and Laterality Marker is incorrect
DCM		111184	View and Laterality Marker is off image
DCM		111185	Flash is not near edge of film[2]
DCM		111186	Flash is illegible, does not fit, or is lopsided[1]
DCM		111187	Flash doesn't include patient name and additional patient id[2]
DCM		111188	Flash doesn't include date of examination[2]
DCM		111189	Flash doesn't include facility name and location[1]
DCM		111190	Flash doesn't include technologist identification[2]
DCM		111191	Flash doesn't include cassette/screen/detector identification[2]
DCM		111192	Flash doesn't include mammography unit identification[2]
DCM		111193	Date sticker is missing[2]
DCM		111194	Technical factors missing[2]
DCM		111195	Collimation too close to breast[2]
DCM		111196	Inadequate compression[2]
DCM		111197	MLO Insufficient pectoral muscle[2]
DCM		111198	MLO No fat is visualized posterior to fibroglandular tissues[2]
DCM		111199	MLO Poor separation of deep and superficial breast tissues[2]
DCM		111200	MLO Evidence of motion blur[2]
DCM		111201	MLO Inframammary fold is not open[2]
DCM		111202	CC Not all medial tissue visualized[2]
DCM		111203	CC Nipple not centered on image[2]
DCM		111204	CC Posterior nipple line does not measure within 1 cm of MLO[2]

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111205	Nipple not in profile
DCM		111206	Insufficient implant displacement incorrect[2]
DCM		111208	Grid artifact(s)
DCM		111209	Positioning
DCM		111210	Motion blur
DCM		111211	Under exposed
DCM		111212	Over exposed
DCM		111213	No image
DCM		111214	Detector artifact(s)
DCM		111215	Artifact(s) other than grid or detector artifact
DCM		111216	Mechanical failure
DCM		111217	Electrical failure
DCM		111218	Software failure
DCM		111219	Inappropriate image processing
DCM		111220	Other failure
DCM		111221	Unknown failure

[1] From MQSA

[2] From MQCM 1999

CID 6042 Status of Results

Context ID 6042
Status of Results
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111222	Succeeded
DCM		111223	Partially Succeeded
DCM		111224	Failed
DCM		111225	Not Attempted

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CID 6043 Types of Mammography CAD Analysis

Context ID 6043
Types of Mammography CAD Analysis
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	1.1	P5-B3402	Spatial collocation analysis[1]
SRT	1.1	P5-B3404	Spatial proximity analysis[2]
SRT	1.1	P5-B3406	Temporal correlation
SRT	1.1	P5-B3408	Image quality analysis
SRT	1.1	P5-B3410	Focal asymmetric density analysis
SRT	1.1	P5-B3412	Asymmetric breast tissue analysis
SRT	1.1	P5-B3414	Breast composition analysis
DCM		111233	Individual Impression / Recommendation Analysis
DCM		111234	Overall Impression / Recommendation Analysis

[1] Spatial Collocation Analysis is used to identify features that are the same or located in the same place.

[2] Spatial Proximity Analysis is used to identify features that are related spatially, such as nipple retraction associated with a spiculated mass.

CID 6044 Types of Image Quality Assessment

Context ID 6044
Types of Image Quality Assessment
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111235	Unusable — Quality renders image unusable
DCM		111236	Usable — Does not meet the quality control standard
DCM		111237	Usable — Meets the quality control standard

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CID 6045 Mammography Types of Quality Control Standard

Context ID 6045
Mammography Types of Quality Control Standard
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111238	Mammography Quality Control Manual 1999, ACR
DCM		111239	Title 21 CFR Section 900, Subpart B
DCM		111240	Institutionally defined quality control standard

CID 6046 Units of Follow-up Interval

Context ID 6046
Units of Follow-up Interval
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
UCUM	1.4	d	Day
UCUM	1.4	wk	Week
UCUM	1.4	mo	Month
UCUM	1.4	a	Year

CID 6047 CAD Processing and Findings Summary

Context ID 6047
CAD Processing and Findings Summary
Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111241	All algorithms succeeded; without findings
DCM		111242	All algorithms succeeded; with findings
DCM		111243	Not all algorithms succeeded; without findings
DCM		111244	Not all algorithms succeeded; with findings
DCM		111245	No algorithms succeeded; without findings

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CID 6100 Chest Component Categories

Context ID 6100
Chest Component Categories
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-28000	Lung
DCM		112052	Bronchovascular
SRT		T-29000	Pleural structure
SRT		T-D3300	Mediastinum
SRT		T-32000	Heart
DCM		112053	Osseous
SRT		T-4000E	Systemic vascular structure
SRT		R-420AE	Muscular

CID 6101 Chest Finding or Feature

Context ID 6101
Chest Finding or Feature
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112061	Abnormal lines (1D)
DCM		112033	Abnormal opacity
DCM		112062	Abnormal lucency
DCM		112063	Abnormal calcifications
DCM		112064	Abnormal texture
DCM		112005	Radiographic anatomy
DCM		111102	Non-lesion
DCM		111101	Image quality
DCM		111099	Selected region

CID 6102 Chest Finding or Feature Modifier

Context ID 6102
Chest Finding or Feature Modifier
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include Context ID 6103
			Include Context ID 6104
			Include Context ID 6105

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include Context ID 6106
			Include Context ID 6109
			Include Context ID 6138

CID 6103 Abnormal Lines Finding or Feature

Context ID 6103
Abnormal Lines Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112065	Reticulonodular pattern
DCM		112104	Air-fluid level
DCM		112105	Corona radiata
DCM		112106	Honeycomb pattern
DCM		112107	Fleischner's line(s)
DCM		112108	Intralobular lines
DCM		112109	Kerley A line
DCM		112110	Kerley B line
DCM		112111	Kerley C lines
DCM		112112	Parenchymal band
SRT		D2-60302	Plate-like atelectasis
DCM		112113	Reticular pattern
DCM		112114	Septal line(s)
DCM		112115	Subpleural line
DCM		112116	Tramline shadow
DCM		112117	Tubular shadow

CID 6104 Abnormal Opacity Finding or Feature

Context ID 6104
Abnormal Opacity Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112066	Beaded septum sign
DCM		112067	Nodular pattern
DCM		112059	Primary complex
DCM		112068	Pseudoplaque
DCM		112065	Reticulonodular pattern
DCM		112069	Signet-ring sign
DCM		112004	Abnormal interstitial pattern
SRT		F-20172	Coin lesion
DCM		112118	Density
DCM		112119	Dependent opacity
DCM		112120	Ground glass opacity
DCM		112121	Infiltrate
SRT		M-03000	Mass
DCM		112122	Micronodule
SRT		M-03010	Nodule
DCM		112001	Opacity
DCM		112123	Phantom tumor (pseudotumor)
DCM		112124	Shadow
DCM		112125	Small irregular opacities
DCM		112126	Small rounded opacities
DCM		112127	Tree-in-bud sign
SRT		D3-40230	Pulmonary embolism

CID 6105 Abnormal Lucency Finding or Feature

Context ID 6105
Abnormal Lucency Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112070	Air bronchiologram
DCM		112071	Air bronchogram
DCM		112072	Air crescent
SRT		F-20240	Air-trapping
DCM		112073	Halo sign
SRT		D2-81180	Pneumomediastinum
SRT		D2-80300	Pneumothorax

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CID 6106 Abnormal Texture Finding or Feature

Context ID 6106
Abnormal Texture Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112067	Nodular pattern
DCM		112065	Reticulonodular pattern
DCM		112004	Abnormal interstitial pattern
DCM		112128	Granular pattern
DCM		112106	Honeycomb pattern
DCM		112129	Miliary pattern
DCM		112130	Mosaic pattern
DCM		112113	Reticular pattern
DCM		112125	Small irregular opacities

CID 6107 Width Descriptor

Context ID 6107
Width Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		R-40750	Enlarged
SRT		R-41727	Narrow
DCM		112077	Vasoconstriction
DCM		112078	Vasodilation

CID 6108 Chest Anatomic Structure Abnormal Distribution

Context ID 6108
Chest Anatomic Structure Abnormal Distribution
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		F-20240	Air-trapping

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112079	Architectural distortion
DCM		112080	Mosaic perfusion
DCM		112060	Oligemia
DCM		112081	Pleonemia

CID 6109 Radiographic Anatomy Finding or Feature

Context ID 6109
Radiographic Anatomy Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include Context ID 6110
			Include Context ID 6111
			Include Context ID 6112
			Include Context ID 6113
			Include Context ID 6114
			Include Context ID 6116
			Include Context ID 6117
DCM		112082	Interface
DCM		112083	Line
DCM		112084	Lucency

CID 6110 Lung Anatomy Finding or Feature

Context ID 6110
Lung Anatomy Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-28770	Lobe of lung
DCM		112085	Midlung window
DCM		112054	Secondary pulmonary lobule
SRT		T-280D0	Segment of lung

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CID 6111 Bronchovascular Anatomy Finding or Feature

Context ID 6111
Bronchovascular Anatomy Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-20001	Airway structure
SRT		T-26000	Bronchus
SRT		T-25201	Carina
DCM		112086	Carina angle
DCM		112087	Centrilobular structures
SRT		T-28080	Hilum of lung

CID 6112 Pleura Anatomy Finding or Feature

Context ID 6112
Pleura Anatomy Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112088	Anterior junction line
SRT		T-D051D	Fissure of lung
DCM		112089	Posterior junction line

CID 6113 Mediastinum Anatomy Finding or Feature

Context ID 6113
Mediastinum Anatomy Finding or Feature
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112090	Azygoesophageal recess interface
DCM		112091	Paraspinal line
DCM		112092	Posterior tracheal stripe
DCM		112093	Right tracheal stripe
DCM		112094	Stripe
SRT		T-25000	Trachea

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-56000	Esophagus
SRT		T-B6000	Thyroid
SRT		T-26100	Right main bronchus
SRT		T-26500	Left main bronchus
SRT		T-25201	Carina
SRT		T-D3412	Esophageal Hiatus
SRT		T-14171	Trapezius muscle
SRT		T-15420	Acromioclavicular Joint
SRT		T-D0634	Fascial layer
SRT		T-18774	Axillary Fascia
SRT		T-11240	Costal Cartilage
SRT		T-B4000	Carotid Body
SRT		T-42370	Ligamentum arteriosum
SRT		T-C6510	Thoracic Duct
DCM		112095	Hiatus
SRT		T-C8000	Thymus Gland
SRT		T-C4000	Lymph node
SRT		T-32000	Heart
SRT		T-32400	Ventricle
SRT		T-32100	Atrium
SRT		D4-31220	Atrial Septal Defect
SRT		T-35300	Mitral Valve
SRT		T-35400	Aortic Valve
SRT		T-35100	Tricuspid Valve

CID 6114 Osseous Anatomy Finding or Feature

Context ID 6114
Osseous Anatomy Finding or Feature
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-11300	Rib
SRT		T-12310	Clavicle
SRT		T-11500	Spine
SRT		T-11210	Sternum
SRT		T-12280	Scapula
SRT		T-12410	Humerus

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-11510	Vertebra

CID 6115 Osseous Anatomy Modifiers

Context ID 6115
Osseous Anatomy Modifiers
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-11301	Head of rib
SRT		T-11303	Neck of rib
SRT		T-11304	Tubercle of rib
SRT		T-11309	Shaft of rib
SRT		T-11307	Angle of rib
SRT		T-11308	Costal groove
DCM		112096	Rib Scalene Tubercle
SRT		T-11211	Manubrium of sternum
SRT		T-11218	Suprasternal notch
SRT		T-11219	Clavicular notch of sternum
SRT		T-11221	Sternal angle
SRT		T-11220	Body of sternum
SRT		T-11227	Xiphoid process of sternum
SRT		T-11511	Arch of vertebra
SRT		T-11515	Pedicle of vertebra
SRT		T-11513	Transverse process or vertebra
SRT		T-11514	Lamina of vertebra
SRT		T-1153F	Inferior articular process of vertebra
SRT		T-1153E	Superior articular process of vertebra
DCM		112097	Vertebral Intervertebral Notch
SRT		T-11531	Vertebral foramen
SRT		T-1151F	Vertebral canal
SRT		T-11512	Spinous process of vertebra
SRT		T-116EF	Inferior articular facet of axis
SRT		T-116EE	Superior articular facet of axis
SRT		T-12281	Acromion process of scapula
SRT		T-1228A	Glenoid cavity of scapula
DCM		112098	Subscapular Fossa

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-12287	Dorsal aspect of scapula
DCM		112099	Scapular Spine
DCM		112100	Scapular Supraspinatus Fossa
DCM		112101	Scapular Infraspinatus Fossa
SRT		T-12282	Coracoid process of scapula
SRT		T-D2236	Pectoral girdle

CID 6116 Muscular Anatomy

Context ID 6116
Muscular Anatomy
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-14110	Pectoralis major muscle
SRT		T-14120	Pectoralis minor muscle
SRT		T-D3400	Diaphragm
SRT		T-1416B	External intercostal muscle
SRT		T-14165	Innermost intercostal muscles
SRT		T-14183	Internal intercostal muscle
SRT		T-14150	Levatores costarum muscles
SRT		T-14166	Subcostal muscle
SRT		T-141A5	Transversus thoracis
SRT		T-14171	Trapezius muscle
SRT		T-13650	Subscapularis muscle
SRT		T-13610	Supraspinatus muscle
SRT		T-13620	Infraspinatus muscle
SRT		T-13630	Teres minor muscle
SRT		T-14140	Serratus anterior muscle
SRT		T-13660	Deltoid muscle
SRT		T-14172	Latissimus dorsi muscle
SRT		T-14020	Erector spinae muscle
SRT		T-14030	Iliocostalis muscle
SRT		T-14040	Longissimus muscle
SRT		T-14050	Spinalis muscle
SRT		T-13450	Scalenous anterior muscle
SRT		T-13310	Sternocleidomastoid muscle
SRT		T-13640	Teres major muscle

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-35020	Chordae tendineae cordis
SRT		T-32410	Interventricular septum
SRT		T-32423	Trabeculae carnae

CID 6117 Vascular Anatomy

Context ID 6117
Vascular Anatomy
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include Context ID 3015
SRT		T-46100	Subclavian artery
SRT		T-42100	Ascending aorta
SRT		T-46010	Brachiocephalic trunk
SRT		T-45100	Common carotid artery
SRT		T-46200	Internal thoracic artery
SRT		T-45700	Vertebral artery
SRT		T-46130	Thyrocervical trunk
SRT		T-46180	Costocervical trunk
SRT		T-461A0	Dorsal scapular artery
SRT		T-47100	Axillary Artery
SRT		T-47160	Brachial artery
SRT		T-42300	Aortic arch
SRT		T-48170	Internal jugular vein
SRT		T-48330	Subclavian vein
SRT		T-48620	Brachiocephalic vein
SRT		T-48610	Superior vena cava
SRT		T-A9090	Brachial plexus
SRT		T-D0765	Descending aorta
DCM		112102	Aortic knob
SRT		T-42310	Aortic isthmus
SRT		T-48340	Azygos vein
SRT		T-D305A	Intercostal artery
SRT		T-4630D	Esophageal artery
SRT		T-46210	Pericardiophrenic Artery
SRT		T-46350	Superior phrenic artery

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-46940	Inferior phrenic artery
SRT		T-46310	Bronchial artery
DCM		112103	Arch of the Azygos vein
SRT		T-49110	Axillary vein
SRT		T-48710	Inferior vena cava
SRT		T-44100	Pulmonary trunk
SRT		T-44000	Pulmonary artery
SRT		T-48500	Pulmonary vein

CID 6118 Size Descriptor

Context ID 6118
Size Descriptor
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112131	Extremely small
DCM		112132	Very small
SRT		R-404A8	Small
SRT		R-404A9	Medium
SRT		R-404AA	Large
SRT		R-40750	Enlarged
DCM		112133	Too small

CID 6119 Chest Border Shape

Context ID 6119
Chest Border Shape
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		M-02100	Round shape
DCM		112134	Elliptic
SRT		G-A402	Irregular
DCM		112135	Lobulated
DCM		112136	Spiculated

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CID 6120 Chest Border Definition

Context ID 6120
Chest Border Definition
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		R-40771	Well defined
DCM		112137	Sharply defined
SRT		R-428E7	Poorly defined
DCM		112138	Distinctly defined
DCM		112139	Well demarcated
DCM		112140	Sharply demarcated
DCM		112141	Poorly demarcated
DCM		112142	Circumscribed

CID 6121 Chest Orientation Descriptor

Context ID 6121
Chest Orientation Descriptor
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		G-A142	Horizontal
SRT		G-A144	Vertical
SRT		G-A472	Oblique

CID 6122 Chest Content Descriptor

Context ID 6122
Chest Content Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112143	Air
SRT		T-D008A	Fat
DCM		112144	Soft tissue
DCM		112145	Calcium
SRT		M-30400	Foreign material (iodized oil, mercury, talc)

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CID 6123 Chest Opacity Descriptor

Context ID 6123
Chest Opacity Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112146	Acinar
DCM		112147	Air space
DCM		112148	Fibronodular
DCM		112149	Fluffy
DCM		112150	Linear
DCM		112151	Profusion
DCM		112152	Silhouette sign

CID 6124 Location in Chest

Context ID 6124
Location in Chest
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT ID 6125
			Include CONTEXT ID 6126
			Include CONTEXT ID 6127

CID 6125 General Chest Location

Context ID 6125
General Chest Location
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		G-A110	Central
SRT		G-A111	Peripheral
SRT		G-A122	Apical
SRT		G-A123	Basal

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CID 6126 Location in Lung

Context ID 6126
Location in Lung
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-D3208	Upper zone of lung
SRT		T-D3209	Middle zone of lung
SRT		T-D320A	Lower zone of lung
SRT		T-28820	Upper lobe of lung
SRT		T-28825	Middle lobe of lung
SRT		T-28830	Lower lobe of lung
DCM		112153	Subpleural

CID 6127 Segment Location in Lung

Context ID 6127
Segment Location in Lung
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-28230	Anterior segment of right upper lobe
SRT		T-28630	Anterior segment of left upper lobe
SRT		T-28220	Posterior segment of right upper lobe

CID 6128 Chest Distribution Descriptor

Context ID 6128
Chest Distribution Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112154	Bat’s wing distribution
DCM		112155	Butterfly distribution
DCM		112156	Centrilobular
DCM		112157	Coalescent
SRT		G-A321	Diffuse
SRT		M-020FA	Discoid
SRT		G-A324	Disseminated
SRT		G-A351	Focal

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		G-A366	Generalized
DCM		112158	Lobar
SRT		G-A443	Multifocal
SRT		G-A137	Segmental
SRT		G-A572	Systemic

CID 6129 Chest Site Involvement

Context ID 6129
Chest Site Involvement
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		T-28000	Lung
SRT		T-D3300	Mediastinum
DCM		112158	Lobar
SRT		T-1A007	Interstitial tissue
SRT		R-40939	Bronchial
SRT		T-28080	Hilum of lung
SRT		T-42000	Aorta
SRT		T-29000	Pleural structure
SRT		T-D3050	Chest wall
SRT		T-D4001	Upper abdomen

CID 6130 Severity Descriptor

Context ID 6130
Severity Descriptor
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		R-404FA	Mild
SRT		G-A002	Moderate
SRT		G-A003	Severe
SRT		G-A231	Acute
SRT		G-A270	Chronic
DCM		112159	Hyper-acute

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		G-A561	Subacute

CID 6131 Chest Texture Descriptor

Context ID 6131
Chest Texture Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112160	Homogeneous (uniform opacity)
DCM		112161	Inhomogeneous

CID 6132 Chest Calcification Descriptor

Context ID 6132
Chest Calcification Descriptor
Type: Extensible Version: 20030108

Note: Original source of terms is [Fraser and Pare].

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		F-01763	Eggshell calcification
SRT		F-01761	Coarse (popcorn-like) calcification
DCM		112162	Target
SRT		G-A405	Laminated
DCM		112163	Fibrocalcific
DCM		112164	Flocculent
SRT		R-403A7	Nodular
SRT		F-12100	Ossification

CID 6133 Chest Quantitative Temporal Difference Type

Context ID 6133
Chest Quantitative Temporal Difference Type
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		F-017B1	Difference in size

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		F-017B3	Difference in location

CID 6134 Chest Qualitative Temporal Difference Type

Context ID 6134
Chest Qualitative Temporal Difference Type
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112165	Difference in border shape
DCM		112166	Difference in border definition
DCM		112167	Difference in distribution
DCM		112168	Difference in site involvement
DCM		112169	Difference in Type of Content
DCM		112170	Difference in Texture
SRT		F-01722	Finding partially removed
SRT		F-01723	No significant changes in the finding
SRT		M-02520	Increase in size
SRT		M-02530	Decrease in size
SRT		F-01728	Less defined
SRT		F-01729	More defined

CID 6135 Chest Image Quality Finding

Context ID 6135
Chest Image Quality Finding
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111208	Grid artifact(s)
DCM		111209	Positioning
DCM		111210	Motion blur
DCM		111211	Under exposed
DCM		111212	Over exposed
DCM		111213	No image
DCM		111214	Detector artifact(s)
DCM		111215	Artifact(s) other than grid or detector artifact
DCM		111216	Mechanical failure
DCM		111217	Electrical failure

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111218	Software failure
DCM		111219	Inappropriate image processing
DCM		111220	Other failure
DCM		111221	Unknown failure

CID 6136 Chest Types of Quality Control Standard

Context ID 6136
Chest Types of Quality Control Standard
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112035	Performance of Pediatric and Adult Chest Radiography, ACR
DCM		112036	ACR Position Statement
DCM		111240	Institutionally defined quality control standard
DCM		112184	Performance of Pediatric and Adult Thoracic CT
DCM		112185	Performance of CT for Detection of Pulmonary Embolism in Adults
DCM		112186	Performance of High-Resolution CT of the Lungs in Adults

CID 6137 Types of Chest CAD Analysis

Context ID 6137
Types of Chest CAD Analysis
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		P5-B3402	Spatial collocation analysis[1]
SRT		P5-B3404	Spatial proximity analysis[2]
SRT		P5-B3406	Temporal correlation
SRT		P5-B3408	Image quality analysis

[1] Spatial Co-location Analysis is used to identify features that are the same or located in the same place.

[2] Spatial Proximity Analysis is used to identify different features that are related spatially.

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CID 6138 Chest Non-Lesion Object Type

Context ID 6138
Chest Non-Lesion Object Type
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		A-32110	Bullet
SRT		A-13600	Staple
SRT		A-13510	Suture material
DCM		111168	Scar tissue
DCM		111171	Pacemaker
SRT		A-040CB	Cardiac pacemaker lead
SRT		A-26800	Catheter
DCM		112172	Portacath
DCM		112173	Chest tube
SRT		A-14611	Vena cava filter
SRT		A-04000	Prosthesis
SRT		A-26430	Feeding tube
SRT		A-26434	Jejunostomy tube
SRT		A-25350	Endotracheal tube
DCM		112174	Central line
SRT		A-12210	Cervical collar
SRT		P1-26100	Tracheotomy
DCM		112175	Kidney stent
SRT		A-11C08	Ureteric stent
DCM		112176	Pancreatic stent
DCM		112177	Nipple ring
SRT		A-61000	Jewelry
DCM		112178	Coin
SRT		A-12024	Pin
SRT		A-30360	Needle
SRT		A-04110	Heart valve prosthesis
DCM		112171	Fiducial mark
DCM		111176	Unspecified

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CID 6139 Non-Lesion Modifiers

Context ID 6139
Non-Lesion Modifiers
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT		R-40819	Internal
SRT		R-40941	External

CID 6140 Calculation Methods

Context ID 6140
Calculation Methods
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		121427	Estimated
DCM		112187	Unspecified method of calculation
DCM		112055	Agatston scoring method
DCM		112056	Volume scoring method
DCM		112057	Mass scoring method

CID 6141 Attenuation Coefficient Measurements

Context ID 6141
Attenuation Coefficient Measurements
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112031	Attenuation Coefficient
DCM		112179	Minimum Attenuation Coefficient
DCM		112180	Maximum Attenuation Coefficient
DCM		112181	Mean Attenuation Coefficient
DCM		112182	Median Attenuation Coefficient
DCM		112183	Standard Deviation of Attenuation Coefficient

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CID 6142 Calculated Value

Context ID 6142
Calculated Value
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112017	Cavity extent as percent of volume
DCM		112018	Calcification extent as percent of surface
DCM		112019	Calcification extent as percent of volume
DCM		112058	Calcium score

CID 6143 Response Criteria

Context ID 6143
Response Criteria
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
			Include CONTEXT ID 6144

CID 6144 RECIST Response Criteria

Context ID 6144
RECIST Response Criteria
Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112041	Target Lesion Complete Response
DCM		112042	Target Lesion Partial Response
DCM		112043	Target Lesion Progressive Disease
DCM		112044	Target Lesion Stable Disease
DCM		112045	Non-Target Lesion Complete Response
DCM		112046	Non-Target Lesion Incomplete Response or Stable Disease
DCM		112047	Non-Target Lesion Progressive Disease

CID 6145 Baseline Category

Context ID 6145
Baseline Category
Type: Extensible Version: 20030108

Note: From RECIST

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Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		112074	Target Lesion at Baseline
DCM		112075	Non-Target Lesion at Baseline
DCM		112076	Non-Lesion at Baseline

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CID 7000 Diagnostic Imaging Report Document Titles

Context ID 7000
Diagnostic Imaging Report Document Titles
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
LN	18745-0	Cardiac Catheteization Report
LN	11540-2	CT Abdomen Report
LN	11538-6	CT Chest Report
LN	11539-4	CT Head Report
LN	18747-6	CT Report
LN	18748-4	Diagnostic Imaging Report
LN	11522-0	Echocardiography Report
LN	18760-9	Ultrasound Report
LN	11541-0	MRI Head Report
LN	18755-9	MRI Report
LN	18756-7	MRI Spine Report
LN	18757-5	Nuclear Medicine Report
LN	11525-3	Ultrasound Obstetric and Gyn Report
LN	18758-3	PET Scan Report
LN	11528-7	Radiology Report

CID 7001 Diagnostic Imaging Report Headings

Context ID 7001
Diagnostic Imaging Report Headings
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121060	History
DCM	121062	Request
DCM	121064	Current Procedure Descriptions
DCM	121066	Prior Procedure Descriptions
DCM	121068	Previous Findings
DCM	121070	Findings
DCM	121072	Impressions
DCM	121074	Recommendations
DCM	121076	Conclusions
DCM	121078	Addendum

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CID 7002 Diagnostic Imaging Report Elements

Context ID 7002
Diagnostic Imaging Report Elements
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121060	History
DCM	121062	Request
DCM	121065	Procedure Description
DCM	121069	Previous Finding
DCM	121071	Finding
DCM	121073	Impression
DCM	121075	Recommendation
DCM	121077	Conclusion

CID 7003 Diagnostic Imaging Report Purposes of Reference

Context ID 7003
Diagnostic Imaging Report Purposes of Reference
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121079	Baseline
DCM	121080	Best illustration of finding

CID 7004 Waveform Purposes of Reference

Context ID 7004
Waveform Purposes of Reference
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121301	Simultaneous Doppler
DCM	121302	Simultaneous Hemodynamic
DCM	121303	Simultaneous ECG
DCM	121304	Simultaneous Voice Narrative

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CID 7005 Contributing Equipment Purposes of Reference

Context ID 7005
Contributing Equipment Purposes of Reference

Type: Extensible Version: 20030108

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	109101	Acquisition Equipment
DCM	109102	Processing Equipment
DCM	109103	Modifying Equipment

CID 7010 Key Object Selection Document Title

Context ID 7010
Key Object Selection Document Title

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	113000	Of Interest
DCM	113001	Rejected for Quality Reasons
DCM	113002	For Referring Provider
DCM	113003	For Surgery
DCM	113004	For Teaching
DCM	113005	For Conference
DCM	113006	For Therapy
DCM	113007	For Patient
DCM	113008	For Peer Review
DCM	113009	For Research
DCM	113010	Quality Issue
DCM	113013	Best In Set
DCM	113018	For Printing

CID 7011 Rejected for Quality Reasons

Context ID 7011
Rejected for Quality Reasons

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	111207	Image artifact(s)
DCM	111208	Grid artifact(s)
DCM	111209	Positioning
DCM	111210	Motion blur
DCM	111211	Under exposed

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DCM	111212	Over exposed
DCM	111213	No image
DCM	111214	Detector artifact(s)
DCM	111215	Artifact(s) other than grid or detector artifact
DCM	111216	Mechanical failure
DCM	111217	Electrical failure
DCM	111218	Software failure
DCM	111219	Inappropriate image processing
DCM	111220	Other failure
DCM	111221	Unknown failure
DCM	113026	Double exposure

CID 7012 Best In Set

Context ID 7012
Best In Set

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	113014	Study
DCM	113015	Series
DCM	113016	Performed Procedure Step
DCM	113017	Stage-View

CID 7201 Referenced Image Purposes of Reference

Context ID 7201
Referenced Image Purposes of Reference

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121311	Localizer
DCM	121312	Biopsy localizer
DCM	121313	Other partial views
DCM	121314	Other image of biplane pair
DCM	121315	Other image of stereoscopic pair
DCM	121316	Images related to standalone object
DCM	121317	Spectroscopy

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CID 7202 Source Image Purposes of Reference

Context ID 7202
Source Image Purposes of Reference

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121320	Uncompressed predecessor
DCM	121321	Mask image for image processing operation
DCM	121322	Source image for image processing operation

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CID 7203 Image Derivation

Context ID 7203
Image Derivation

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	113040	Lossy Compression
DCM	113041	Apparent Diffusion Coefficient
DCM	113042	Pixel by pixel addition
DCM	113043	Diffusion weighted
DCM	113044	Diffusion Anisotropy
DCM	113045	Diffusion Attenuated
DCM	113046	Pixel by pixel division
DCM	113047	Pixel by pixel mask
DCM	113048	Pixel by pixel Maximum
DCM	113049	Pixel by pixel mean
DCM	113050	Metabolite Maps from spectroscopy data
DCM	113051	Pixel by pixel Minimum
DCM	113052	Mean Transit Time
DCM	113053	Pixel by pixel multiplication
DCM	113054	Negative Enhancement Integral
DCM	113055	Regional Cerebral Blood Flow
DCM	113056	Regional Cerebral Blood Volume
DCM	113057	R-Coefficient Map
DCM	113058	Proton Density map
DCM	113059	Signal Change Map
DCM	113060	Signal to Noise Map
DCM	113061	Standard Deviation
DCM	113062	Pixel by pixel subtraction
DCM	113063	T1 Map
DCM	113064	T2* Map
DCM	113065	T2 Map
DCM	113066	Time Course of Signal
DCM	113067	Temperature encoded
DCM	113068	Student's T-Test
DCM	113069	Time To Peak map
DCM	113070	Velocity encoded
DCM	113071	Z-Score Map

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CID 7452 Organizational Roles

Context ID 7452
Organizational Roles

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121081	Physician
DCM	121082	Nurse
DCM	121083	Technologist
DCM	121084	Radiographer
DCM	121085	Intern
DCM	121086	Resident
DCM	121087	Registrar
DCM	121088	Fellow
DCM	121089	Attending [Consultant]
DCM	121090	Scrub nurse
DCM	121091	Surgeon
DCM	121092	Sonologist
DCM	121093	Sonographer

CID 7453 Performing Roles

Context ID 7453
Performing Roles

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	121094	Performing
DCM	121095	Referring
DCM	121096	Requesting
DCM	121097	Recording
DCM	121098	Verifying
DCM	121099	Assisting
DCM	121100	Circulating
DCM	121101	Standby

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CID 7454 Species

Context ID 7454
Species

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	L-85B00	homo sapiens

CID 7455 Sex

Context ID 7455
Sex

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
ISO5218_1	M	Male
ISO5218_1	F	Female
ISO5218_1	U	Unknown
ISO5218_1	MP	Male Pseudohermaphrodite
ISO5218_1	FP	Female Pseudohermaphrodite
ISO5218_1	H	Hermaphrodite
ISO5218_1	MC	Male changed to Female
ISO5218_1	FC	Female changed to Male
DCM	121102	Other
DCM	121103	Undetermined (temporarily)

Note: ISO 5218 is the choice of coding scheme for sex in ASTM E1633-00 “Standard Specification for Coded Values Used in the Electronic Health Record.”

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CID 7456 Units of Measure for Age

Context ID 7456
Units of Measure for Age

Type: Non-Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
UCUM	1.4	a	year
UCUM	1.4	mo	month
UCUM	1.4	wk	week
UCUM	1.4	d	day
UCUM	1.4	h	hour
UCUM	1.4	min	minute

CID 7460 Units of Linear Measurement

Context ID 7460
Units of Linear Measurement

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
UCUM	1.4	cm	centimeter
UCUM	1.4	mm	millimeter
UCUM	1.4	um	micrometer

CID 7461 Units of Area Measurement

Context ID 7461
Units of Area Measurement

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
UCUM	1.4	cm2	Square centimeter
UCUM	1.4	mm2	Square millimeter
UCUM	1.4	um2	Square micrometer

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CID 7462 Units of Volume Measurement

Context ID 7462
Units of Volume Measurement

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
UCUM	1.4	dm3	Cubic decimeter
UCUM	1.4	cm3	Cubic centimeter
UCUM	1.4	mm3	Cubic millimeter
UCUM	1.4	um3	Cubic micrometer

Note: A “cubic decimeter” is a “liter”, just as a “cubic centimeter” is a “milliliter” (of water). Though there are specific units “l” and “ml” in UCUM, only one form is included here, since this context group is intended for use for volume measurements of a physical object derived from one or more images, rather than of fluid volume.

CID 7470 Linear Measurements

Context ID 7470
Linear Measurements

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	V1.1	G-A22A	Length
DCM		121211	Path length
DCM		121206	Distance
SNM3		G-A220	Width
SRT	V1.1	G-D785	Depth
SNM3		M-02550	Diameter
SNM3		G-A185	Long Axis
SNM3		G-A186	Short Axis
SRT	V1.1	G-A193	Major Axis
SRT	V1.1	G-A194	Minor Axis
SRT	V1.1	G-A195	Perpendicular Axis
SNM3		G-A196	Radius
SRT	V1.1	G-A197	Perimeter
SNM3		M-02560	Circumference
SRT	V1.1	G-A198	Diameter of circumscribed circle

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CID 7471 Area Measurements

Context ID 7471
Area Measurements

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		G-A166	Area
SRT	V1.1	G-A167	Area of defined region

CID 7472 Volume Measurements

Context ID 7472
Volume Measurements

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		G-D705	Volume
DCM		121216	Volume estimated from single 2D region
DCM		121218	Volume estimated from two non-coplanar 2D regions
DCM		121217	Volume estimated from three or more non-coplanar 2D regions
DCM		121222	Volume of sphere
DCM		121221	Volume of ellipsoid
DCM		121220	Volume of circumscribed sphere
DCM		121219	Volume of bounding three dimensional region

CID 9231 General Purpose Workitem Definition

Context ID 9231
General Purpose Workitem Definition

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	110001	Image Processing
DCM	110002	Quality Control
DCM	110003	Computer Aided Diagnosis
DCM	110004	Computer Aided Detection
DCM	110005	Interpretation
DCM	110006	Transcription
DCM	110007	Report Verification

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DCM	110008	Print
DCM	110009	No subsequent Workitems

CID 9232 Non-DICOM Output Types

Context ID 9232
Non-DICOM Output Types

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	110010	Film
DCM	110011	Dictation
DCM	110012	Transcription

CID 9300 Procedure Discontinuation Reasons

Context ID 9300
Procedure Discontinuation Reasons

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	110500	Doctor cancelled procedure
DCM	110501	Equipment failure
DCM	110502	Incorrect procedure ordered
DCM	110503	Patient allergic to media/contrast
DCM	110504	Patient died
DCM	110505	Patient refused to continue procedure
DCM	110506	Patient taken for treatment or surgery
DCM	110507	Patient did not arrive
DCM	110508	Patient pregnant
DCM	110509	Change of procedure for correct charging
DCM	110510	Duplicate order
DCM	110511	Nursing unit cancel
DCM	110512	Incorrect side ordered
DCM	110513	Discontinued for unspecified reason
DCM	110514	Incorrect worklist entry selected
DCM	110515	Patient condition prevented continuing

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CID 12001 Ultrasound Protocol Types

Context ID 12001
Ultrasound Protocol Types

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	P5-B3002	Transesophageal echocardiography
SNM3	P5-B3003	Transthoracic echocardiography
SNM3	P5-B3004	Epicardial echocardiography
SNM3	P5-B3005	Intravascular echocardiography
SNM3	P5-B3006	Intracardiac echocardiography
SNM3	P5-B301F	Limited M-mode only echocardiography
SNM3	P5-B303F	Limited Doppler only echocardiography
SNM3	P5-B3050	Exercise stress echocardiography
SNM3	P5-B3051	Maximal stress echocardiography
SNM3	P5-B3052	Submaximal stress echocardiography
SNM3	P5-B3053	Treadmill exercise stress echocardiography
SNM3	P5-B3054	Bruce treadmill stress echocardiography
SNM3	P5-B3055	Modified Bruce treadmill stress echocardiography
SNM3	P5-B3056	Naughton treadmill stress echocardiography
SNM3	P5-B3058	Bicycle exercise stress echocardiography
SNM3	P5-B3060	Echocardiography with administered drug stress
SNM3	P5-B3061	Dobutamine stress echocardiography
SNM3	P5-B3062	High dose dobutamine stress echocardiography
SNM3	P5-B3063	Low dose dobutamine stress echocardiography
SNM3	P5-B3065	Arbutamine stress echocardiography
SNM3	P5-B3066	Dipyridamole stress echocardiography
SNM3	P5-B3070	Cardiac pacing echocardiography
SNM3	P5-B3081	Adult echocardiography
SNM3	P5-B3082	Pediatric echocardiography
SNM3	P5-B3083	Intraoperative echocardiography
SNM3	P5-B3084	Upright echocardiography
SNM3	P5-B3085	Supine echocardiography
SNM3	P5-B3090	Contrast echocardiography
SNM3	P5-B3091	Contrast left ventricular opacification echocardiography
SNM3	P5-B3092	Contrast perfusion echocardiography
SNM3	P5-B3093	Contrast Doppler enhancement echocardiography
SNM3	P5-B3191	2D complete echocardiography
SNM3	P5-B3192	Limited 2D only echocardiography
SNM3	P5-B8215	Fetal echocardiography

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CID 12002 Ultrasound Protocol Stage Types

Context ID 12002
Ultrasound Protocol Stage Types
Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	P5-01000	Image acquisition procedure
SNM3	P5-01101	Image acquisition after administration of contrast agent
SNM3	P5-01103	Image acquisition during cardiac pacing
SNM3	P5-01104	Image acquisition at user-defined cardiac pacing rate
SNM3	P5-01111	Image acquisition during hand grip maneuver
SNM3	P5-01112	Image acquisition during Valsalva
SNM3	P5-01113	Image acquisition during postural maneuver
SNM3	P5-01120	Pre-procedure image acquisition
SNM3	P5-01121	Preoperative image acquisition
SNM3	P5-01130	Intra-procedure image acquisition
SNM3	P5-01131	Intra-operative image acquisition
SNM3	P5-01140	Post-procedure image acquisition
SNM3	P5-01141	Post-operative image acquisition
SNM3	P5-01142	Image acquisition following first cardiopulmonary bypass
SNM3	P5-01143	Image acquisition following second cardiopulmonary bypass
SNM3	P5-01144	Image acquisition following third cardiopulmonary bypass
SNM3	P5-01200	Image acquisition during stress procedure
SNM3	P5-01201	Image acquisition at baseline
SNM3	P5-01202	Pre-stress image acquisition
SNM3	P5-01203	Mid-stress image acquisition
SNM3	P5-01204	Peak-stress image acquisition
SNM3	P5-01205	Image acquisition during recovery
SNM3	P5-01300	Image acquisition after drug administration
SNM3	P5-01310	Image acquisition at user-defined dobutamine dose
SNM3	P5-01311	Image acquisition at low-dose dobutamine
SNM3	P5-01312	Image acquisition at mid-dose dobutamine
SNM3	P5-01313	Image acquisition at peak dose dobutamine
SNM3	P5-01314	Image acquisition at dobutamine 5 mcg/kg/min
SNM3	P5-01315	Image acquisition at dobutamine 10 mcg/kg/min
SNM3	P5-01316	Image acquisition at dobutamine 20 mcg/kg/min
SNM3	P5-01317	Image acquisition at dobutamine 30 mcg/kg/min
SNM3	P5-01318	Image acquisition at dobutamine 40 mcg/kg/min

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SNM3	P5-01319	Image acquisition at dobutamine 50 mcg/kg/min
SNM3	P5-0131A	Image at dobutamine 40 mcg/kg/min plus atropine
SNM3	P5-0131B	Image acquisition at dobutamine 50 mcg/kg/min plus atropine
SNM3	P5-01323	Image acquisition at peak Arbutamine dose
SNM3	P5-01333	Image acquisition at peak dipyridamole
SNM3	P5-01341	Image acquisition after nitroglycerin
SNM3	P5-01342	Image acquisition after amyl nitrite
SNM3	P5-01343	Image acquisition after adenosine

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Annex C Acquisition Context Templates (Normative)

This Annex specifies the content of Templates for Acquisition Context required by DICOM IODs.

TID 3401 ECG ACQUISITION CONTEXT

TID 3401
ECG Acquisition Context

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	CODE	(5.4.5-33-1,SCPECG,1.3, “Electrode Placement”)	1	U		BCID(3263)
2	CODE	(109054,DCM,”Patient State”)	1	U		BCID(3262)
3	NUM	(109055,DCM,”Protocol Stage”)	1	U		UNITS=EV(“{stage}”,UCUM, ”stage”)
4	CODE	(109056,DCM,”Stress Protocol”)	1	U		BCID(3261)
5	CODE	(5.4.5-33-2,SCPECG,1.3, “XYZ Electrode Configuration”)	1	U		BCID(3264)

TID 3403 CATHETERIZATION ACQUISITION CONTEXT

TID 3403
Catheterization Acquisition Context

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	CODE	(109057,DCM,”Catheterization Procedure Phase”)	1	U		BCID(3250)
2	CODE	(109058,DCM,”Contrast Phase”)	1	U		BCID(3250)
3	CODE	(109059,DCM,”Physiological challenges”)	1	U		BCID(3271)
4	NUM	(109060,DCM,”Procedure Step Number”)	1	U		UNITS=EV(“{step}”,UCUM, ”step”)

TID 3450 CARDIAC ELECTROPHYSIOLOGY ACQUISITION CONTEXT

TID 3450
Cardiac Electrophysiology Acquisition Context

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	CODE	(109061,DCM,”EP Procedure Phase”)	1	U		BCID(3254)
2	NUM	(109060,DCM,”Procedure Step Number”)	1	U		UNITS=EV(“{step}”,UCUM, ”step”)
3	TEXT	(109063,DCM,”Pulse train definition”)	1	U		

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Annex D DICOM Controlled Terminology Definitions (Normative)

This Annex specifies the meanings of codes defined in DICOM, either explicitly or by reference to another part of DICOM or an external reference document or standard.

DICOM Code Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
109001	Digital timecode (NOS)	A signal transmitted for the purpose of interchange of the current time, not specific to any source or methodology.	
109002	ECG-based gating signal, processed	A signal which is generated for each detection of a heart beat	
109003	IRIG-B timecode	A signal transmitted by the Inter-Range Instrumentation Group for the purpose of synchronizing time clocks.	
109004	X-ray Fluoroscopy On Signal	A signal which indicates that X-ray source has been activated for fluoroscopy use.	
109005	X-ray On Trigger	A signal that indicated that the X-ray source has been activated for image recording.	
109006	Differential signal	An electrical signal derived from two electrodes	
109007	His bundle electrogram	An electrophysiological recording from the HIS nerve bundle	
109008	Monopole signal	An electrical signal from one electrode relative to an indifferent potential.	
109009	Pacing (electrical) stimulus, voltage	The voltage stimulus during cardiac pacing	
109010	Radio frequency ablation, power	The power injected during RF ablation procedure	
109011	Voltage measurement by basket catheter	Electrophysiological signals acquired using a multi-splined catheter each equipped with multiple electrodes.	
109012	Voltage measurement by mapping catheter	Electrophysiological signals acquired using a steerable catheter	
109013	Voltage measurement, NOS	A voltage measurement not otherwise specified	
109014	35% of thermal CO	A signal point which is 35% of the peak thermal cardiac output signal	

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109015	70% of thermal CO	A signal point which is 70% of the peak thermal cardiac output signal	
109016	A wave	The peak pressure of each heart beat monitored in the atrium caused by the atrial contraction	
109017	A wave average	The average of several A wave pressure measurements	
109018	Beat detected (accepted)	An identified cardiac beat used in the determination of a measurement	
109019	Beat detected (rejected)	An identified cardiac beat not used in the determination of a measurement	
109020	Diastolic average	The average of several diastolic measurements	
109021	Diastolic nadir	The lowest pressure value on a hemodynamic waveform but excluding any undershoot artifact.	
109022	End diastole	The moment at the end of the diastolic phase of the cardiac cycle.	
109023	End of expiration	The moment at the end of respiratory expiration	
109024	End of inspiration	The moment at the end of respiratory inspiration	
109025	Max dp/dt	The maximum positive rate of change of pressure.	
109026	Max neg dp/dt	The maximum negative rate of change of pressure.	
109027	Mean pressure	The average pressure value, generally over 2 or more seconds	
109028	Peak of thermal CO	The peak change in blood temperature during a thermal cardiac output measurement.	
109029	Start of expiration	The moment respiratory expiration begins	
109030	Start of inspiration	The moment of respiratory inspiration begins	
109031	Start of thermal CO	The first discernable blood temperature change following the injectate during a thermal cardiac output measurement	
109032	Systolic average	The average of several systolic measurements.	
109033	Systolic peak	The highest pressure value on a hemodynamic waveform but excluding any overshoot artifact	

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109034	V wave	The peak pressure of each heart beat monitored in the atrium caused by the filling of the atrium.	
109035	V wave average	The average of several V wave pressure measurements	
109036	Valve close	The moment at which a heart valve closes	
109037	Valve open	The moment at which a heart valve opens	
109038	Ablation off	The moment when RF ablation current is turned off.	
109039	Ablation on	The moment when RF ablation current is turned on	
109040	HIS bundle wave	The moment in the cardiac cycle when the HIS bundle nerves depolarize.	
109041	P wave	The surface electrocardiogram of the atrial contraction	
109042	Q wave	The first negative deflection of the electrocardiogram cause by ventricular depolarization	
109043	R wave	The first positive deflection the electrocardiogram cause by ventricular depolarization	
109044	S wave	The first negative deflection after the R wave.	
109045	Start of atrial contraction	The beginning of the atrial contraction	
109046	Start of atrial contraction (subsequent)	The beginning of the second atrial contraction of two consecutive beats.	
109047	Stimulation at rate 1 interval	The stimulation interval during cardiac stimulation first used in a pacing train	
109048	Stimulation at rate 2 interval	The stimulation interval different from the first stimulation interval used in a pacing train	
109049	Stimulation at rate 3 interval	A stimulation interval different from and subsequent to the second interval in a pacing train.	
109050	Stimulation at rate 4 interval	Describes a stimulation interval different from and subsequent to the third interval in a pacing train	
109051	T wave	The electrocardiogram deflection caused by ventricular repolarization.	
109052	V wave	The peak pressure of each heart beat monitored in the atrium caused by the filling of the atrium	

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109053	V wave of next beat	The second V wave measurement of two consecutive beats.	
109054	Patient State	A description of the physiological condition of the patient	
109055	Protocol Stage	The exercise level during a progressive cardiac stress test.	
109056	Stress Protocol	A series of physiological challenges designed to progressively increase the work of the heart.	
109057	Catheterization Procedure Phase	A subpart of a cardiac catheterization procedure	
109058	Contrast Phase	The subpart of a cardiac catheterization procedure in which a radio-opaque contrast medium is injected into the patient.	
109059	Physiological challenges	Physical changes administered to a patient in order to elicit an physiological response	
109060	Procedure Step Number	Enumeration of a subpart of a catheterization procedure	
109061	EP Procedure Phase	A subpart of en electrophysiological procedure	
109063	Pulse train definition	A means of defining a series of cardiac stimulation pulses	
109070	End of systole		
109071	Indicator mean transit time	Time for a median particle to travel from point of injection to point of detection	
109072	Tau	The time constant of isovolumic pressure fall	
109073	V max	Maximum velocity of myocardial contractility	
109101	Acquisition Equipment	Equipment that originally acquired the data stored within composite instances. For example, a CT, MR or Ultrasound modality.	
109102	Processing Equipment	Equipment that has processed composite instances to create new composite instances. For example, a 3D Workstation.	
109103	Modifying Equipment	Equipment that has modified existing composite instances (without creating new composite instances). For example, a QA Station or Archive.	
110001	Image Processing	Image processing work item	
110002	Quality Control	Quality control work item	

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110003	Computer Aided Diagnosis	Computer aided diagnosis work item	
110004	Computer Aided Detection	Computer aided detection work item	
110005	Interpretation	Interpretation work item	
110006	Transcription	Transcription work item	
110007	Report Verification	Report verification work item	
110008	Print	Print work item	
110009	No subsequent Workitems		
110010	Film	Film type of output	
110011	Dictation	Dictation type of output	
110012	Transcription	Transcription type of output	
111001	Algorithm Name	The name assigned by a manufacturer to a specific software algorithm	
111002	Algorithm Parameters	The input parameters used by a manufacturer to configure the behavior of a specific software algorithm	
111003	Algorithm Version	The software version identifier assigned by a manufacturer to a specific software algorithm	
111004	Analysis Performed	The type of correlation applied to detection results (e.g., temporal, spatial)	
111005	Assessment Category	Assignment of intermediate or overall interpretation results to a general category	
111006	*Breast composition*	*Assessment of annotating tissues in breast; generally including fatty, mixed or dense*	*Retired. Replaced with (F-01799, SRT 1.1, "Breast composition").*
111007	Breast Outline including Pectoral Muscle Tissue[1]	Purpose of reference for an SCOORD content item that is an outline of the breast that includes the pectoral muscle tissue	
111008	Calcification Distribution	The type of distribution associated with detected calcifications	
111009	Calcification Type	Identification of the morphology of detected calcifications	
111010	Center[1]	Purpose of reference for an SCOORD content item that identifies the central point of a finding or feature	

[1] Purpose of Reference for content item of value type COMPOSITE or SCOORD.

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111011	Certainty of Feature	The likelihood that the feature analyzed is in fact the type of feature identified.	
111012	Certainty of Finding	The likelihood that the finding detected is in fact the type of finding identified.	
111013	Certainty of Impression	The certainty that a device places on an impression, where 0 equals no certainty and 100 equals certainty.	
111014	Clockface or region	A location identifier based on clockface numbering or anatomic subregion	
111015	Composite Feature	An item that is an inferred correlation relating two or more individual findings or features	
111016	Composite type	The inferred relationship between the findings or features making up a composite feature	
111017	CAD Processing and Findings Summary	General assessment of whether or not CAD processing was successful, and whether any findings resulted	
111018	Content Date	The date the data creation started	
111019	Content Time	The time the data creation started	
111020	Depth	A location identifier based on a feature's inferred distance from the surface of the associated anatomy	
111021	Description of Change	A textual description of the change that occurred over time in a qualitative characteristic of a feature	
111022	Detection Performed	The type of finding sought after by a specific algorithm applied to one image	
111023	Differential Diagnosis/Impression	A general change that occurred within an imaged area between a prior imaging procedure and the current imaging procedure	
111024	Failed Analyses	A group of analysis algorithms that were attempted, but failed	
111025	Failed Detections	A group of detection algorithms that were attempted, but failed	
111026	Horizontal Imager Pixel Spacing	Horizontal physical distance measured at the front plane of an Image Receptor housing between the center of each pixel	
111027	Image Laterality	Laterality of (possibly paired) body part contained in an image	

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111028	Image Library	A container that references all image data used as evidence to produce a report	
111029	Image Quality Rating	A numeric value in the range 0 to 100, inclusive, where 0 is worst quality and 100 is best quality.	
111030	Image Region[1]	Purpose of reference for an SCOORD content item that identifies a specific region of interest within an image	
111031	Image View	The projection of the anatomic region of interest on an image receptor.	
111032	Image View Modifier	Modifier for Image View	
111033	Impression Description	Free-form text describing the overall or an individual impression	
111034	Individual Impression/Recommendation	A container for a group of related results from interpretation of one or more images and associated clinical information	
111035	Lesion Density	The x-ray attenuation of a lesion relative to the expected attenuation of an equal volume of fibroglandular breast tissue	
111036	Mammography CAD Report	A structured report containing the results of computer-aided detection or diagnosis applied to breast imaging and associated clinical information	
111037	Margins	The characteristic of the boundary, edges or border of a detected lesion	
111038	Number of calcifications	The quantity of calcifications detected within an identified group or cluster	
111039	Object type	A non-lesion object identified within one or more images	
111040	Original Source[1]	Purpose of reference for a COMPOSITE content item that identifies it as the original source of evidence for another content item in the report	
111041	Outline[1]	Purpose of reference for an SCOORD content item that identifies the outline or bounding region of a finding or feature	
111042	Pathology	The inferred type of disease associated with an identified feature	

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111043	Patient Orientation Column	The patient orientation relative to the image plane, specified by a value that designates the anatomical direction of the positive column axis (top to bottom)	
111044	Patient Orientation Row	The patient orientation relative to the image plane, specified by a value that designates the anatomical direction of the positive row axis (left to right)	
111045	Pectoral Muscle Outline[1]	Purpose of reference for an SCOORD content item that is an outline of the pectoral muscle tissue only	
111046	Percent Glandular Tissue	Percent of breast area that is mammographically dense.	
111047	Probability of cancer	The likelihood that an identified finding or feature is cancerous	
111048	Quadrant location	A location identifier based on the division of an area into four regions	
111049	Qualitative Difference	A qualitative characteristic of a feature that has changed over time	
111050	Quality Assessment	The effect of the quality of an image on its usability	
111051	Quality Control Standard	The quality control standard used to make a quality assessment	
111052	Quality Finding	A specific quality related deficiency detected within an image	
111053	Recommended Follow-up	Recommended type of follow-up to an imaging procedure, based on interpreted results	
111054	Recommended Follow-up Date	Recommended follow-up date to an imaging procedure, based on interpreted results	
111055	Recommended Follow-up Interval	Recommended follow-up interval to an imaging procedure, based on interpreted results	
111056	Rendering Intent	The recommendation of the producer of a content item regarding presentation of the content item by recipients of the report	
111057	Scope of Feature	An indication of how widespread the detection of a feature is within the analyzed image data set	
111058	Selected Region Description	A textual description of the contents of a selected region identified within an image	

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111059	Single Image Finding	An item that was detected on one image	
111060	Study Date	Date on which the acquisition of the study information was started	
111061	Study Time	Time at which the acquisition of the study information was started	
111062	Successful Analyses	A group of analysis algorithms that were attempted and completed successfully	
111063	Successful Detections	A group of detection algorithms that were attempted and completed successfully	
111064	Summary of Detections	An overall indication of whether the CAD detection algorithms applied were completed successfully	
111065	Summary of Analyses	An overall indication of whether the CAD analysis algorithms applied were completed successfully	
111066	Vertical Imager Pixel Spacing	Vertical physical distance measured at the front plane of an Image Receptor housing between the center of each pixel	
111099	Selected region	A specific area of interest noted within an image	
111100	Breast geometry	The surface shape of all or a portion of breast related anatomy	
111101	Image Quality	Image quality incorporates the following clinical image evaluation parameters: assessment of positioning, compression, artifacts, exposure, contrast, sharpness, and labeling	
111102	Non-lesion	A finding or feature that is identified as a non-anatomic foreign object	
111103	*Density*	*A space-occupying lesion identified in a single image or projection*	*Retired. Replaced with (F-01796, SRT 1.1, "Mammography breast density").*
111104	*Individual Calcification*	*A single identified calcification*	*Retired. Replaced with (F-01776, SRT 1.1, "Individual Calcification").*
111105	*Calcification Cluster*	*Multiple calcifications identified as occupying a small area of tissue (less than 2 cc)*	*Retired. Replaced with (F-01775, SRT 1.1, "Calcification Cluster").*
111135	Additional projections	Views not inclusive of MLO and CC (BI-RADS®)	

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111136	Spot magnification view(s)	A spot or coned down compression of the breast providing a reduction in the thickness and a magnification of the localized area of interest and improved separation of breast tissue	
111137	*Ultrasound*		*Retired. Replaced with (P5-B0099, SRT 1.1, "Ultrasound procedure").*
111138	Old films for comparison		
111139	*Ductography*	*A medical procedure used for the sampling of mammary duct tissue*	*Retired. Replaced with (P5-40060, SRT 1.1, "Mammary ductogram").*
111140	Normal interval follow-up		
111141	Any decision to biopsy should be based on clinical assessment		
111142	Follow-up at short interval (1-11 months)		
111143	Biopsy should be considered		
111144	Needle localization and biopsy		
111145	Histology using core biopsy		
111146	Suggestive of malignancy – take appropriate action		
111147	Cytologic analysis	Cellular analysis of specimen	
111148	Biopsy should be strongly considered		
111149	Highly suggestive of malignancy – take appropriate action		
111150	Presentation Required: Rendering device is expected to present	The producer of a report intends for a recipient of the report to present or display the associated content item	
111151	Presentation Optional: Rendering device may present	The producer of a report considers the presentation or display of the associated content item by a recipient to be optional	
111152	Not for Presentation: Rendering device expected not to present	The producer of a report intends for a recipient of the report NOT to present or display the associated content item	

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111153	Target content items are related temporally	The associated content items are identfied as being the same finding or feature at different points in time	
111154	Target content items are related spatially	The associated content items are identified as being the same finding or feature on different projections taken at the same point in time	
111155	Target content items are related contra-laterally	The associated content items are identified as being related side-to-side	
111156	Feature detected on the only image	There is one image in the interpreted data set	
111157	Feature detected on only one of the images	There is more than one image of the same modality in the interpreted data set	
111158	Feature detected on multiple images	There is more than one image of the same modality in the interpreted data set	
111159	Feature detected on images from multiple modalities	The interpreted data set contains images from multiple modalities	
111168	*Scar tissue*	*The fibrous tissue replacing normal tissues destroyed by disease or injury*	*Retired. Replaced with (M-78060, SNM3, "Scar tissue").*
111170	*J Wire*	*A medical appliance used for localization of non palpable breast lesions to insure that the proper area is removed in a surgical biopsy*	*Retired. Replaced with (A-1016B, SNM3, "J Wire").*
111171	*Pacemaker*	*A medical appliance used for regulating cardiac rhythms*	*Retired. Replaced with (A-11101, SNM3, "Pacemaker").*
111172	*Paddle*	*A compression device used for obtaining mammographic images*	*Retired. Replaced with (A-10042, SNM3, "Compression paddle").*
111173	*Collimator*	*A device used for restricting an X-Ray beam*	*Retired. Replaced with (A-10044, SNM3, "Collimator").*
111174	*ID Plate*	*An area designated on a radiographic film for facility and patient ID information*	*Retired. Replaced with (A-16016, SNM3, "ID Plate").*
111175	Other Marker	Site specific markers	
111176	Unspecified		
111177	View and Laterality Marker is missing	Image quality deficiency according to MQSA	
111178	View and Laterality Marker does not have both view and laterality	Image quality deficiency according to MQCM	

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111179	View and Laterality Marker does not have approved codes	Image quality deficiency according to MQCM	
111180	View and Laterality Marker is not near the axilla	Image quality deficiency according to MQCM	
111181	View and Laterality Marker overlaps breast tissue	Image quality deficiency according to MQCM	
111182	View and Laterality Marker is partially obscured	Image quality deficiency according to MQCM	
111183	View and Laterality Marker is incorrect	Image quality deficiency	
111184	View and Laterality Marker is off image	Image quality deficiency	
111185	Flash is not near edge of film	Image quality deficiency according to MQCM	
111186	Flash is illegible, does not fit, or is lopsided	Image quality deficiency according to MQSA	
111187	Flash doesn't include patient name and additional patient id	Image quality deficiency according to MQCM	
111188	Flash doesn't include date of examination	Image quality deficiency according to MQCM	
111189	Flash doesn't include facility name and location	Image quality deficiency according to MQSA	
111190	Flash doesn't include technologist identification	Image quality deficiency according to MQCM	
111191	Flash doesn't include cassette/screen/detector identification	Image quality deficiency according to MQCM	
111192	Flash doesn't include mammography unit identification	Image quality deficiency according to MQCM	
111193	Date sticker is missing	Image quality deficiency according to MQCM	
111194	Technical factors missing	Image quality deficiency according to MQCM	
111195	Collimation too close to breast	Image quality deficiency according to MQCM	
111196	Inadequate compression	Image quality deficiency according to MQCM	
111197	MLO Insufficient pectoral muscle	Image quality deficiency according to MQCM	

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111198	MLO No fat is visualized posterior to fibroglandular tissues	Image quality deficiency according to MQCM	
111199	MLO Poor separation of deep and superficial breast tissues	Image quality deficiency according to MQCM	
111200	MLO Evidence of motion blur	Image quality deficiency according to MQCM	
111201	MLO Inframammary fold is not open	Image quality deficiency according to MQCM	
111202	CC Not all medial tissue visualized	Image quality deficiency according to MQCM	
111203	CC Nipple not centered on image	Image quality deficiency according to MQCM	
111204	CC Posterior nipple line does not measure within 1 cm of MLO	Image quality deficiency according to MQCM	
111205	Nipple not in profile	Image quality deficiency	
111206	Insufficient implant displacement incorrect	Image quality deficiency according to MQCM	
111208	Grid artifact(s)	Feature(s) arising from the acquisition unit's anti-scatter grid mechanism. For two-dimensional systems, such features include those of mechanically damaged or incorrectly positioned grids. For moving or Bucky grids, artifacts may result from intentional grid motion that is inadequate in duration or velocity uniformity.	

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111209	Positioning	Inadequate arrangement of the anatomy of interest with respect to the X-ray field and image detector sensitive area. Examples: 1) positioning is "cutoff" when the projection of anatomy of interest falls outside the sensitive area of the detector; 2) "cone cut", in which the X-ray field does not adequately cover the anatomy of interest; 3) detector's sensitive surface is too small to cover the projection of the anatomy of interest; 4) improper angular orientation or "rotation" of anatomy of interest with respect to the X-ray source, or detector; 5) projection of other anatomy or clothing over the anatomy of interest in the image.	
111210	Motion blur	Unacceptable image blur resulting from motion of the anatomy of interest during exposure or the inadequately compensated motion of X-ray source with respect to the image detector during exposure.	
111211	Under exposed	Inadequate number of quanta reached the detector during exposure. Reasons for under exposed images include low kVp, low mAs product, excess Source Image Distance. Under exposed images have inadequate signal and higher noise in the areas of interest.	
111212	Over exposed	An excess number of quanta reached the detector during exposure. Reasons for over exposed images include high kVp, high mAs product, short Source Image Distance. Over exposed images have high signal and lower noise in the areas of interest. Over exposed area may demonstrate lack of contrast from over saturation of the detector.	
111213	No image	No evidence of a patient exposure.	
111214	Detector artifact(s)	Superposed features or flaws of the detector.	
111215	Artifact(s) other than grid or detector artifact	Features or discontinuities arising from causes other than the anti-scatter grid and image detector.	
111216	Mechanical failure		

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111217	Electrical failure		
111218	Software failure	Attributable to software used in generation or handling of image	
111219	Inappropriate image processing		
111220	Other failure		
111221	Unknown failure		
111222	Succeeded	The attempted process was completely successful	
111223	Partially Succeeded	The attempted process succeeded in some ways, but failed in others	
111224	Failed	The attempted process completely failed	
111225	Not Attempted	No process was performed	
111233	Individual Impression / Recommendation Analysis	Analysis of a related group of findings or features detected during image data inspection, to produce a summary impression and/or recommendation	
111234	Overall Impression / Recommendation Analysis	Analysis of all groups of findings or features, to produce a single impression and/or recommendation	
111235	Unusable — Quality renders image unusable	The usability of an image for diagnostic interpretation or CAD, based on a quality control standard	
111236	Usable — Does not meet the quality control standard	The usability of an image for diagnostic interpretation or CAD, based on a quality control standard	
111237	Usable — Meets the quality control standard	The usability of an image for diagnostic interpretation or CAD, based on a quality control standard	
111238	Mammography Quality Control Manual 1999, ACR	An image quality control standard	
111239	Title 21 CFR Section 900, Subpart B	An image quality control standard	
111240	Institutionally defined quality control standard	An image quality control standard	
111241	All algorithms succeeded; without findings	No findings resulted upon successful completion of all attempted computer-aided detection and/or analysis	

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111242	All algorithms succeeded; with findings	One or more findings resulted upon successful completion of all attempted computer-aided detection and/or analysis	
111243	Not all algorithms succeeded; without findings	No findings resulted from the attempted computer-aided detection and/or analysis, but one or more failures occurred in the process	
111244	Not all algorithms succeeded; with findings	One or more findings resulted from the attempted computer-aided detection and/or analysis, but one or more failures occurred in the process	
111245	No algorithms succeeded; without findings	All of the attempted computer-aided detection and/or analysis failed, so there could be no findings	
111248	*Adenolipoma*	*A benign tumor having glandular characteristics but composed of fat, with the presence of normal mammary ducts*	*Retired. Replaced with (M-83240, SNM3, "Adenolipoma").*
111249	*Ductal hyperplasia*		*Retired. Replaced with (M-72170, SNM3, "Ductal hyperplasia, Usual").*
111250	*Adenomyoepitheliom a*	*Neoplasms composed of myoepithelial cells*	*Retired. Replaced with (M-89830, SNM3, "Adenomyoepithelioma").*
111251	Normal axillary node		
111252	Axillary node with calcifications		
111253	Axillary node hyperplasia	Excessive proliferation of normal tissue arrangement of the axillary node	
111254	*Asynchronous involution*		*Retired. Replaced with (F-8A063, SNM3, "Asynchronous involution of breast").*
111255	Benign cyst with blood		
111256	Benign Calcifications		
111257	*Intracystic papilloma*	*Growing within a cystic adenoma, filling the cavity with a mass of branching epithelial processes*	*Retired. Replaced with (M-85040, SNM3, "Intracystic papilloma").*
111258	Ductal adenoma	Adenoma located in mammary duct, present as discrete sclerotic nodules, solitary or mulitple	
111259	Diabetic fibrous mastopathy	The occurrence of fibrous tumor-forming stromal proliferation in patients with diabetes mellitus	

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111260	*Extra abdomenal desmoid*	*A deep seated firm tumor frequently occurring on the chest consisting of collagenous tissue that infiltrates surround muscle; frequently recurs but does not metastasize*	*Retired. Replaced with (M-88211, SNM3, "Extra abdominal desmoid").*
111262	*Epidermal inclusion cyst*	*A cyst formed of a mass of epithelial cells, as a result of trauma has been pushed beneath the epidermis. The cyst is lined with squamous epithelium and contains concentric layers or keratin*	*Retired. Replaced with (M-33410, SNM3, "Epidermal inclusion cyst").*
111263	Fibroadenomatoid hyperplasia		
111264	Fibroadenolipoma	A lipoma with an abundant stroma of fibrous tissue	
111265	*Foreign body (reaction)*		*Retired. Replaced with (M-44140, SNM3, "Foreign body (reaction)").*
111269	*Galactocele*	*Retention cyst caused by occlusion of a lactiferous duct*	*Retired. Replaced with (D7-90364, SNM3, "Galactocele").*
111271	*Hemangioma – nonparenchymal, subcutaneous*	*A congenital anomaly that leads to a proliferation of blood vessels leading to a mass that resembles a neoplasm, not located in parenchymal areas but subcutaneous*	*Retired. Replaced with (D3-F0620, SNM3, "Hemangioma of subcutaneous tissue").*
111273	*Hyperplasia, usual*		*Retired. Replaced with (M-72000, SNM3, "Hyperplasia, usual").*
111277	Juvenile papillomatosis	A form of fibrocystic disease in young woman with florid and sclerosing adenosis that microscopically may suggest carcinoma	
111278	*Lactating adenoma*	*Enlarging masses during lactation. A circumscribed benign tumor composed primarily of glandular structures with scanty stroma, with prominent secretory changes in the duct*	*Retired. Replaced with (M-82040, SNM3, "Lactating adenoma").*
111279	Lactational change	Changes related to the process of lactation	
111281	Large duct papilloma	A papilloma pertaining to large mammary duct	
111283	*Myofibroblastoma*	*Solitary or multiple tumors of muscles and fibrous tissues, or tumors composed of myofibroblasts*	*Retired. Replaced with (M-88250, SNM3, "Myofibroblastoma").*

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111284	Microglandular adenosis	Irregular clusters of small tubules are present in adipose or fibrous tissue, resembling tubular carcinoma but lacking stromal fibroblastic proliferation	
111285	Multiple Intraductal Papillomas	Papilloma typically involving an aggregate of adjacent ducts in the periphery of the breast, likely representing involvement of several foci of one or two duct systems	
111286	No abnormality		
111287	Normal breast tissue		
111288	*Neurofibromatosis*	*Condition in which there are tumors of various sizes on peripheral nerves. They may be neuromas or fibromas*	*Retired. Replaced with (M-95401, SNM3, "Neurofibromatosis").*
111290	Oil cyst (fat necrosis cyst)	A cyst resulting from the loss of the epithelial lining of a sebaceous dermoid or lacteal cyst	
111291	Post reduction mammoplasty		
111292	Pseudoangiomatous stromal hyperplasia	A benign stromal lesion composed of intermixed stromal and epithial elements. The lobular and duct structures of the breast parenchyma are separated by an increased amount of stroma, non specific proliferative epithelial changes include hyperplasia of duct and lobular epithelium often with accentuation of myoepithelial cells and aprocine metaplasia with or without cyst formation	
111293	*Radial scar*	*An nonencapsulated stellate lesion consisting of a fibroelastic core and radiating bands of fibrous connective tissue containing lobules manifesting adenosis and ducts with papillary or diffuse intraductal hyperplasia*	*Retired. Replaced with (M-78731, SNM3, "Radial scar").*
111294	*Sclerosing adenosis*	*Prominent interductal fibrosis of the terminal ductules*	*Retired. Replaced with (M-74220, SNM3, "Sclerosing adenosis").*
111296	Silicone granuloma		
111297	Nipple Characteristic	The morphologic status of the nipple	
111298	Virginal hyperplasia		
111299	Peripheral duct papillomas	Papilloma(s) pertaining the peripheral ducts	

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111300	Axillary node with lymphoma		
111301	Axillary nodal metastases	Metastatic disease to the axillary node	
111302	*Angiosarcoma*	*A malignant neoplasm occurring most often in breast and skin, believed to originate from endothelial cells of blood vessels, microscopically composed of closely packed round or spindle shaped cells, some of which line small spaces resembling vascular clefts*	*Retired. Replaced with (M-91203, SNM3, "Angiosarcoma").*
111303	Blood vessel (vascular) invasion		
111304	Carcinoma in children		
111305	Carcinoma in ectopic breast		
111306	Carcinoma with endocrine differentiation		
111307	Basal cell carcinoma of nipple		
111308	*Carcinoma with metaplasia*		*Retired. Replaced with (M-85733, SNM3, "Carcinoma with metaplasia").*
111309	Cartilaginous and osseous change		
111310	Carcinoma in pregnancy and lactation		
111311	*Carcinosarcoma*	*A malignant neopalsm that contains elements of carcinoma and sarcoma, so extensively intermixed as to indicate neoplasia of epithelial and mesenchymal tissue*	*Retired. Replaced with (M-89803, SNM3, "Carcinosarcoma").*
111312	Intraductal comedocarcinoma with necrosis	Comedocarcinoma of a duct with areas of necrotic tissue	
111313	Intraductal carcinoma, low grade		
111314	*Intraductal carcinoma micro-papillary*		*Retired. Replaced with (M-85072, SNM3, "Intraductal carcinoma micro-papillary").*
111315	Intracystic papillary carcinoma		
111316	Invasive and in-situ carcinoma		

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111317	*Invasive lobular carcinoma*		*Retired. Replaced with (M-85203, SNM3, "Invasive lobular carcinoma").*
111318	Leukemic infiltration		
111320	Lympathic vessel invasion		
111321	*Lymphoma*	*A heterogenous group of neoplasms arising in the reticuloendoethelial and lymphatic systems*	*Retired. Replaced with (M-95903, SNM3, "Lymphoma").*
111322	Occult carcinoma presenting with axillary lymph node metastases		
111323	Metastatic cancer to the breast		
111324	Metastatic cancer to the breast from the colon		
111325	Metastatic cancer to the breast from the lung		
111326	Metastatic melanoma to the breast		
111327	Metastatic cancer to the breast from the ovary		
111328	Metastatic sarcoma to the breast		
111329	Multifocal intraductal carcinoma		
111330	Metastatic disease to axillary node		
111331	*Malignant fibrous histiocytoma*		*Retired. Replaced with (M-88303, SNM3, "Malignant fibrous histiocytoma").*
111332	Multifocal invasive ductal carcinoma	Multiple sites of ductal carcinoma	
111333	Metastasis to an intramammary lymph node		
111334	Malignant melanoma of nipple		
111335	*Neoplasm of the mammary skin*		*Retired. Replaced with (D0-F035F, SNM3, "Neoplasm of the mammary skin").*

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111336	*Papillary carcinoma in-situ*		*Retired. Replaced with (M-80502, SNM3, "Papillary carcinoma in-situ").*
111338	Recurrent malignancy		
111340	Squamous cell carcinoma of the nipple		
111341	Intraductal carcinoma, high grade		
111342	*Invasive cribriform carcinoma*		*Retired. Replaced with (M-82013, SNM3, "Invasive cribriform carcinoma").*
112000	Chest CAD Report	A structured report containing the results of computer-aided detection or diagnosis applied to chest imaging and associated clinical information.	
112001	Opacity	The shadow of an absorber that attenuates the X-ray beam more effectively than do surrounding absorbers. In a radiograph, any circumscribed area that appears more nearly white (of lesser photometric density) than its surround [Fraser and Pare].	
112002	Series Instance UID	A unique identifier for a series of DICOM SOP instances.	
112003	Associated Chest Component	A named anatomic region within the chest cavity.	
112004	Abnormal interstitial pattern	A collection of opacities detected within the continuum of loose connective tissue throughout the lung, that is not expected in a diagnostically normal radiograph.	
112005	Radiographic anatomy	A type of anatomy that is expected to be detectable on a radiographic (X-ray based) image.	
112006	Distribution Descriptor	Characteristic of the extent of spreading of a finding or feature.	
112007	Border definition	Characteristic of the clarity of the boundary or edges of a finding or feature.	
112008	Site involvement	The part(s) of the anatomy affected or encompassed by a finding or feature.	

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112009	Type of Content	Characteristic of the matter or substance within a finding or feature.	
112010	Texture Descriptor	Characteristic of the surface or consistency of a finding or feature.	
112011	Positioner Primary Angle	Position of the X-ray beam about the patient from the RAO to LAO direction where movement from RAO to vertical is positive.	
112012	Positioner Secondary Angle	Position of the X-ray beam about the patient from the caudal to cranial direction where movement from caudal to vertical is positive.	
112013	Location in Chest	The zone, lobe or segment within the chest cavity in which a finding or feature is situated.	
112014	Orientation Descriptor	Vertical refers to orientation parallel to the superior-inferior (cephalad-caudad) axis of the body, with horizontal being perpendicular to this, and an oblique orientation having projections in both the horizontal and vertical.	
112015	Border shape	Characteristic of the shape formed by the boundary or edges of a finding or feature.	
112016	Baseline Category	Indicates whether a finding was considered a target lesion, non-target lesion, or non-lesion during evaluation of a baseline series, according to a method such as RECIST.	
112017	Cavity extent as percent of volume	The extent of a detected cavity, represented as the percent of the surrounding volume that it occupies.	
112018	Calcification extent as percent of surface	The extent of a detected calcification, represented as the percent of the surrounding surface that it occupies.	
112019	Calcification extent as percent of volume	The extent of a detected calcification, represented as the percent of the surrounding volume that it occupies.	
112015	Border shape	Characteristic of the shape formed by the boundary or edges of a finding or feature.	

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112016	Baseline Category	Indicates whether a finding was considered a target lesion, non-target lesion, or non-lesion during evaluation of a baseline series, according to a method such as RECIST.	
112017	Cavity extent as percent of volume	The extent of a detected cavity, represented as the percent of the surrounding volume that it occupies.	
112018	Calcification extent as percent of surface	The extent of a detected calcification, represented as the percent of the surrounding surface that it occupies.	
112019	Calcification extent as percent of volume	The extent of a detected calcification, represented as the percent of the surrounding volume that it occupies.	
112020	Response Evaluation	A heading for the reporting of response evaluation for treatment of solid tumors.	
112021	Response Evaluation Method	The system applied in the reporting of response evaluation for treatment of solid tumors.	
112022	RECIST	Response Evaluation Criteria In Solid Tumors. See Normative References.	
112023	Composite Feature Modifier	A term which further specifies the name of an item that is an inferred correlation relating two or more individual findings or features.	
112024	Single Image Finding Modifier	A term which further specifies the name of an item that was detected on one image.	
112025	Size Descriptor	A qualitative descriptor for the extent of a finding or feature.	
112026	Width Descriptor	A qualitative descriptor for the thickness of tubular structures, such as blood vessels.	
112027	Opacity Descriptor	A characteristic that further describes the nature of an opacity.	
112028	Abnormal Distribution of Anatomic Structure	The type of adverse affect that a finding or feature is having on the surrounding anatomy.	
112029	WHO	Response evaluation method as defined in chapter 5, “Reporting of Response” of the WHO Handbook for Reporting Results for Cancer Treatment. See Normative References.	

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112030	Calcification Descriptor	Identification of the morphology of detected calcifications.	
112031	Attenuation Coefficient	A quantitative numerical statement of the relative attenuation of the X-ray beam at a specified point; for example, expressed in Hounsfield units [referred to as CT Number in Fraser and Pare].	
112032	Threshold Attenuation Coefficient	An X-ray attenuation coefficient that is used as a threshold, for example, in calcium scoring.	
112033	Abnormal opacity	An opacity that is not expected in a diagnostically normal radiograph.	
112034	Calculation Description	A textual description of the mathematical method of calculation which resulted in a calculated value.	
112035	Performance of Pediatric and Adult Chest Radiography, ACR	American College of Radiology. ACR Standard for the Performance of Pediatric and Adult Chest Radiography. In: Standards. Reston, Va: 2001:95-98.	
112036	ACR Position Statement	American College of Radiology. ACR Position Statement. In: Standards. Reston, Va: 2001:iv.	
112037	Non-lesion Modifier	A descriptor for a non-lesion object finding or feature, used to indicate whether the object was detected as being internal or external to the patient's body.	
112038	Osseous Modifier	A concept modifier for an Osseous Anatomy, or bone related, finding.	
112039	Tracking Identifier	A text label used for tracking a finding or feature, potentially across multiple reporting objects, over time. This label shall be unique within the domain in which it is used.	
112040	Tracking Unique Identifier	A unique identifier used for tracking a finding or feature, potentially across multiple reporting objects, over time.	
112041	Target Lesion Complete Response	Disappearance of all target lesions.	
112042	Target Lesion Partial Response	At least a 30% decrease in the sum of the Longest Diameter of target lesions, taking as reference the baseline sum Longest Diameter.	

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112043	Target Lesion Progressive Disease	At least a 20% increase in the sum of the Longest Diameter of target lesions, taking as reference the smallest sum Longest Diameter recorded since the treatment started, or the appearance of one or more new lesions.	
112044	Target Lesion Stable Disease	Neither sufficient shrinkage to qualify for Partial Response nor sufficient increase to qualify for Progressive Disease, taking as reference the smallest sum Longest Diameter since the treatment started.	
112045	Non-Target Lesion Complete Response	Disappearance of all non-target lesions and normalization of tumor marker level.	
112046	Non-Target Lesion Incomplete Response or Stable Disease	Persistence of one or more non-target lesions and/or maintenance of tumor marker level above the normal limits.	
112047	Non-Target Lesion Progressive Disease	Appearance of one or more new lesions and/or unequivocal progression of existing non-target lesions.	
112048	Current Response	The current response evaluation for treatment of solid tumors, according to a method such as RECIST.	
112049	Best Overall Response	Best response recorded from the start of the treatment until disease progression/recurrence, taking as reference for Progressive Disease the smallest measurements recorded since the treatment started, according to a method such as RECIST.	
112050	Anatomic Identifier	A text identifier of an anatomic feature when a multiplicity of features of that type may be present, such as “Rib 1”, “Rib 2” or thoracic vertibrae “T1” or “T2”.	
112051	Measurement of Response	A measured or calculated evaluation of response. For example, according to a method such as RECIST, the value would be the calculated sum of the lengths of the longest axes of a set of target lesions.	
112052	Bronchovascular	Of or relating to a bronchial (lung) specific channel for the conveyance of a body fluid.	

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112053	Osseous	Of, relating to, or composed of bone.	
112054	Secondary pulmonary lobule	The smallest unit of lung surrounded by connective tissue septa; the unit of lung subtended by any bronchiole that gives off three to five terminal bronchioles [Fraser and Pare].	
112055	Agatston scoring method	A method of calculating an overall calcium score, reflecting the calcification of coronary arteries, based on the maximum X-ray attenuation coefficient and the area of calcium deposits.	
112056	Volume scoring method	A method of calculating an overall calcium score, reflecting the calcification of coronary arteries, based on the volume of each calcification, typically expressed in mm3.	
112057	Mass scoring method	A method of calculating an overall calcium score, reflecting the calcification of coronary arteries, based on the total mass of calcification, typically expressed in mg.	
112058	Calcium score	A measure often arrived at through calculation of findings from CT examination, which is a common predictor of significant stenosis of the coronary arteries.	
112059	Primary complex	The combination of a focus of pneumonia due to a primary infection with granulomas in the draining hilar or mediastinal lymph nodes [Fraser and Pare].	
112060	Oligemia	General or local decrease in the apparent width of visible pulmonary vessels, suggesting less than normal blood flow (reduced blood flow) [Fraser and Pare].	
112061	Abnormal lines (1D)	Linear opacity of very fine width, i.e. a nearly one dimensional opacity.	
112062	Abnormal lucency	Area of abnormal very low X-ray attenuation, typically lower than aerated lung when occuring in or projecting over lung, or lower than soft tissue when occurring in or projecting over soft tissue.	

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112063	Abnormal calcifications	A calcific opacity within the lung that may be organized, but does not display the trabecular organization of true bone [Fraser and Pare].	
112064	Abnormal texture	Relatively homogeneous, extended, pattern of abnormal opacity in the lung, typically low in contrast.	
112065	Reticulonodular pattern	A collection of innumerable small, linear, and nodular opacities that together produce a composite appearance resembling a net with small superimposed nodules. The reticular and nodular elements are dimensionally of similar magnitude [Fraser and Pare].	
112066	Beaded septum sign	Irregular septal thickening that suggests the appearance of a row of beads; usually a sign of lymphangitic carcinomatosis, but may also occur rarely in sarcoidosis [Fraser and Pare].	
112067	Nodular pattern	A collection of innumerable, small discrete opacities ranging in diameter from 2-10 mm, generally uniform in size and widespread in distribution, and without marginal spiculation [Fraser and Pare].	
112068	Pseudoplaque	An irregular band of peripheral pulmonary opacity adjacent to visceral pleura that simulates the appearance of a pleural plaque and is formed by coalescence of small nodules [Fraser and Pare].	
112069	Signet-ring sign	A ring of opacities (usually representing a dilated, thick-walled bronchus) in association with a smaller, round, soft tissue opacity (the adjacent pulmonary artery) suggesting a “signet ring” [Fraser and Pare].	
112070	Air bronchiologram	Equivalent of air bronchogram, but in airways assumed to be bronchioles because of peripheral location and diameter [Fraser and Pare].	
112071	Air bronchogram	Radiographic shadow of an air-containing bronchus; presumed to represent an air-containing segment of the bronchial tree (identity often inferred) [Fraser and Pare].	

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112072	Air crescent	Air in a crescentic shape in a nodule or mass, in which the air separates the outer wall of the lesion from an inner sequestrum, which most commonly is a fungus ball of *Aspergillus* species [Fraser and Pare].	
112073	Halo sign	Ground-glass opacity surrounding the circumference of a nodule or mass. May be a sign of invasive aspergillosis or hemorrhage of various causes [Fraser and Pare].	
112074	Target Lesion at Baseline	Flag denoting that this lesion was identified, at baseline, as a target lesion intended for tracking over time [RECIST].	
112075	Non-Target Lesion at Baseline	Flag denoting that this lesion was not identified, at baseline, as a target lesion, and was not intended for tracking over time [RECIST].	
112076	Non-Lesion at Baseline	Flag denoting that this finding was identified, at baseline, as a category other than a lesion, and was not intended for tracking over time [RECIST].	
112077	Vasoconstriction	Local or general reduction in the caliber of visible pulmonary vessels, presumed to result from decreased flow occasioned by contraction of muscular pulmonary arteries [Fraser and Pare].	
112078	Vasodilation	Local or general increase in the width of visible pulmonary vessels resulting from increased pulmonary blood flow [Fraser and Pare].	
112079	Architectural distortion	A manifestation of lung disease in which bronchi, pulmonary vessels, a fissure or fissures, or septa of secondary pulmonary lobules are abnormally displaced [Fraser and Pare].	
112080	Mosaic perfusion	A patchwork of regions of varied attenuation, interpreted as secondary to regional differences in perfusion [Fraser and Pare].	
112081	Pleonemia	Increased blood flow to the lungs or a portion thereof, manifested by a general or local increase in the width of visible pulmonary vessels [Fraser and Pare].	

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112082	Interface	The common boundary between the shadows of two juxtaposed structures or tissues of different texture or opacity (edge, border) [Fraser and Pare].	
112083	Line	A longitudinal opacity no greater than 2 mm in width [Fraser and Pare].	
112084	Lucency	The shadow of an absorber that attenuates the primary X-ray beam less effectively than do surrounding absorbers. In a radiograph, any circumscribed area that appears more nearly black (of greater photometric density) than its surround [Fraser and Pare].	
112085	Midlung window	A midlung region, characterized by the absence of large blood vessels and by a paucity of small blood vessels, that corresponds to the minor fissure and adjacent peripheral lung [Fraser and Pare].	
112086	Carina angle	The angle formed by the right and left main bronchi at the tracheal bifurcation [Fraser and Pare].	
112087	Centrilobular structures	The pulmonary artery and its immediate branches in a secondary lobule; HRCT depicts these vessels in certain cases; a.k.a. core structures or lobular core structures [Fraser and Pare].	
112088	Anterior junction line	A vertically oriented linear or curvilinear opacity approximately 1-2 mm wide, commonly projected on the tracheal air shadow [Fraser and Pare].	
112089	Posterior junction line	A vertically oriented, linear or curvilinear opacity approximately 2 mm wide, commonly projected on the tracheal air shadow, and usually slightly concave to the right [Fraser and Pare].	
112090	Azygoesophageal recess interface	A space in the right side of the mediastinum into which the medial edge of the right lower lobe extends [Fraser and Pare].	
112091	Paraspinal line	A vertically oriented interface usually seen in a frontal chest radiograph to the left of the thoracic vertebral column [Fraser and Pare].	

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112092	Posterior tracheal stripe	A vertically oriented linear opacity ranging in width from 2-5 mm, extending from the thoracic inlet to the bifurcation of the trachea, and visible only on lateral radiographs of the chest [Fraser and Pare].	
112093	Right tracheal stripe	A vertically oriented linear opacity approximately 2-3 mm wide extending from the thoracic inlet to the right tracheobronchial angle [Fraser and Pare].	
112094	Stripe	A longitudinal composite opacity measuring 2-5 mm in width; acceptable when limited to anatomic structures within the mediastinum [Fraser and Pare].	
112095	Hiatus	A gap or passage through an anatomical part or organ; *especially* **:** a gap through which another part or organ passes.	
112096	Rib Scalene Tubercle	A small rounded elevation or eminence on the first rib for the attachment of the scalenus anterior.	
112097	Vertebral Intervertebral Notch	A groove that serves for the transmission of the vertebral artery.	
112098	Subscapular Fossa	The concave depression of the anterior surface of the scapula.	
112099	Scapular Spine	A sloping ridge dividing the dorsal surface of the scapula into the supraspinatous fossa (above), and the infraspinatous fossa (below).	
112100	Scapular Supraspinatus Fossa	The portion of the dorsal surface of the scapula above the scapular spine.	
112101	Scapular Infraspinatus Fossa	The portion of the dorsal surface of the scapula below the scapular spine.	
112102	Aortic knob	The portion of the aortic arch that defines the transition between its ascending and descending limbs.	
112103	Arch of the Azygos vein	Section of Azygos vein near the fourth thoracic vertebra, where it arches forward over the root of the right lung, and ends in the superior vena cava, just before that vessel pierces the pericardium.	

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112104	Air-fluid level	A local collection of gas and liquid that, when traversed by a horizontal X-ray beam, creates a shadow characterized by a sharp horizontal interface between gas density above and liquid density below [Fraser and Pare].	
112105	Corona radiata	A circumferential pattern of fine linear spicules, approximately 5 mm long, extending outward from the margin of a solitary pulmonary nodule through a zone of relative lucency [Fraser and Pare].	
112106	Honeycomb pattern	A number of closely approximated ring shadows representing air spaces 5-10 mm in diameter with walls 2-3 mm thick that resemble a true honeycomb; implies “end-stage” lung [Fraser and Pare]	
112107	Fleischner’s line(s)	A straight, curved, or irregular linear opacity that is visible in multiple projections; usually situated in the lower half of the lung; vary markedly in length and width [Fraser and Pare].	
112108	Intralobular lines	Fine linear opacities present in a lobule when the intralobular interstitium is thickened. When numerous, they may appear as a fine reticular pattern [Fraser and Pare].	
112109	Kerley A line	Essentially straight linear opacity 2-6 cm in length and 1-3 mm in width, usually in an upper lung zone [Fraser and Pare].	
112110	Kerley B line	A straight linear opacity 1.5-2 cm in length and 1-2 mm in width, usually at the lung base [Fraser and Pare].	
112111	Kerley C lines	A group of branching, linear opacities producing the appearing of a fine net, at the lung base [Fraser and Pare].	
112112	Parenchymal band	Elongated opacity, usually several millimeters wide and up to about 5 cm long, often extending to the pleura, which may be thickened and retracted at the site of contact [Fraser and Pare].	
112113	Reticular pattern	A collection of innumerable small linear opacities that together produce an appearance resembling a net [Fraser and Pare].	

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112114	Septal line(s)	Usually used in the plural, a generic term for linear opacities of varied distribution produced when the interstitium between pulmonary lobules is thickened [Fraser and Pare].	
112115	Subpleural line	A thin curvilinear opacity, a few millimeters or less in thickness, usually less than 1 cm from the pleural surface and paralleling the pleura [Fraser and Pare].	
112116	Tramline shadow	Parallel or slightly convergent linear opacities that suggest the planar projection of tubular structures and that correspond in location and orientation to elements of the bronchial tree [Fraser and Pare].	
112117	Tubular shadow	Paired, parallel, or slightly convergent linear opacities presumed to represent the walls of a tubular structure seen en face; used if the anatomic nature of a shadow is obscure [Fraser and Pare].	
112118	Density	The opacity of a radiographic shadow to visible light; film blackening; the term should never be used to mean an “opacity” or “radiopacity” [Fraser and Pare].	
112119	Dependent opacity	Subpleural increased attenuation in dependent lung. The increased attenuation disappears when the region of lung is nondependent; a.k.a. dependent increased attenuation [Fraser and Pare].	
112120	Ground glass opacity	Hazy increased attenuation of lung, but with preservation of bronchial and vascular margins; caused by partial filling of air spaces, interstitial thickening, partial collapse of alveoli, normal expiration, or increased capillary blood volume [Fraser and Pare].	
112121	Infiltrate	Any ill-defined opacity in the lung [Fraser and Pare].	
112122	Micronodule	Discrete, small, round, focal opacity of at least soft tissue attenuation and with a diameter no greater than 7 mm [Fraser and Pare].	

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112123	Phantom tumor (pseudotumor)	A shadow produced by a local collection of fluid in one of the interlobar fissures, usually elliptic in one radiographic projection and rounded in the other, resembling a tumor [Fraser and Pare].	
112124	Shadow	Any perceptible discontinuity in film blackening attributed to the attenuation of the X-ray beam by a specific anatomic absorber or lesion on or within the body of the patient; to be employed only when more specific identification is not possible [Fraser and Pare].	
112125	Small irregular opacities	Term used to define a reticular pattern specific to pneumoconioses [Fraser and Pare].	
112126	Small rounded opacities	Term used to define a nodular pattern specific to pneumoconioses [Fraser and Pare].	
112127	Tree-in-bud sign	Nodular dilation of centrilobular branching structures that resembles a budding tree and represents exudative bronchiolar dilation [Fraser and Pare].	
112128	Granular pattern	Any extended, finely granular pattern of pulmonary opacity within which normal anatomic details are partly obscured [Fraser and Pare].	
112129	Miliary pattern	A collection of tiny discrete opacities in the lungs, each measuring 2 mm or less in diameter, generally uniform in size and widespread in distribution [Fraser and Pare].	
112130	Mosaic pattern	Generalized pattern of relatively well defined areas in the lung having different X-ray attenuations due to a longstanding underlying pulmonary disease.	
112131	Extremely small	A qualitative descriptor of a size that is dramatically less than typical.	
112132	Very small	A qualitative descriptor of a size that is considerably less than typical.	
112133	Too small	A qualitative descriptor of a size that is so small as to be abnormal versus expected size.	
112134	Elliptic	Shaped like an ellipse (oval).	

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112135	Lobulated	A border shape that is made up of, provided with, or divided into lobules (small lobes, curved or rounded projections or divisions).	
112136	Spiculated	Radially orientated border shape.	
112137	Sharply defined	The border of a shadow (opacity) is sharply defined [Fraser and Pare].	
112138	Distinctly defined	The border of a shadow (opacity) is distinctly defined [Fraser and Pare].	
112139	Well demarcated	The border of a shadow (opacity) is well distinct from adjacent structures [Fraser and Pare].	
112140	Sharply demarcated	The border of a shadow (opacity) is sharply distinct from adjacent structures [Fraser and Pare].	
112141	Poorly demarcated	The border of a shadow (opacity) is poorly distinct from adjacent structures [Fraser and Pare].	
112142	Circumscribed	A shadow (opacity) possessing a complete or nearly complete visible border [Fraser and Pare].	
112143	Air	Inspired atmospheric gas. The word is sometimes used to describe gas within the body regardless of its composition or site [Fraser and Pare].	
112144	Soft tissue	Material having X-ray attenuation properties similar to muscle.	
112145	Calcium	Material having X-ray attenuation properties similar to calcium, a silver-white bivalent metallic element occurring in plants and animals.	
112146	Acinar	A pulmonary opacity 4-8 mm in diameter, presumed to represent anatomic acinus, or a collection of opacities in the lung, each measuring 4-8 mm in diameter, and together producing an extended, homogeneous shadow [Fraser and Pare].	
112147	Air space	The gas-containing portion of the lung parenchyma, including the acini and excluding the interstitium [Fraser and Pare].	
112148	Fibronodular	Sharply defined, approximately circular opacities occurring singly or in clusters, usually in the upper lobes [Fraser and Pare].	

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112149	Fluffy	A shadow (opacity) that is ill-defined, lacking clear-cut margins [Fraser and Pare].	
112150	Linear	A shadow resembling a line; any elongated opacity of approximately uniform width [Fraser and Pare].	
112151	Profusion	The number of small opacities per unit area or zone of lung. In the International Labor Organization (ILO) classification of radiographs of the pneumoconioses, the qualifiers 0 through 3 subdivide the profusion into 4 categories. The profusion categories may be further subdivided by employing a 12-point scale [Fraser and Pare].	
112152	Silhouette sign	The effacement of an anatomic soft tissue border by either a normal anatomic structure or a pathologic state such as airlessness of adjacent lung or accumulation of fluid in the contiguous pleural space; useful in detecting and localizing an opacity along the axis of the X-ray beam [Fraser and Pare].	
112153	Subpleural	Situated or occurring between the pleura and the body wall.	
112154	Bat's wing distribution	Spatial arrangement of opacities that bears vague resemblance to the shape of a bat in flight; bilaterally symmetric [Frasere and Pare].	
112155	Butterfly distribution	Spatial arrangement of opacities that bears vague resemblance to the shape of a butterfly in flight; bilaterally symmetric [Frasere and Pare].	
112156	Centrilobular	Referring to the region of the bronchioloarteriolar core of a secondary pulmonary lobule [Fraser and Pare].	
112157	Coalescent	The joining together of a number of opacities into a single opacity [Fraser and Pare].	
112158	Lobar	Of or relating to a lobe (a curved or rounded projection or division). For example, involving an entire lobe of the lung.	
112159	Hyper-acute	Extremely or excessively acute, as a qualitative measure of severity.	

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112160	Homogeneous (uniform opacity)	Of uniform opacity or texture throughout [Fraser and Pare].	
112161	Inhomogeneous	Lack of homogeneity in opacity or texture.	
112162	Target	Discrete opacity centrally within a larger opacity, as a calcification descriptor.	
112163	Fibrocalcific	Pertaining to sharply defined, linear, and/or nodular opacities containing calcification(s) [Fraser and Pare].	
112164	Flocculent	Calcifications made up of loosely aggregated particles, resembling wool.	
112165	Difference in border shape	A change in the shape formed by the boundary or edges of a finding or feature.	
112166	Difference in border definition	A change in the clarity of the boundary or edges of a finding or feature.	
112167	Difference in distribution	A change in the extent of spreading of a finding or feature.	
112168	Difference in site involvement	A change in the part(s) of the anatomy affected or encompassed by a finding or feature.	
112169	Difference in Type of Content	A change in the matter or substance within a finding or feature.	
112170	Difference in Texture	A change in the surface or consistency of a finding or feature.	
112171	Fiducial mark	A location in image space, which may or may not correspond to an anatomical reference, which is often used for registering data sets.	
112172	Portacath	Connected to an injection chamber placed under the skin in the upper part of the chest. When it is necessary to inject some drug, a specific needle is put in the chamber through the skin and a silicon membrane. The advantage of a portacath is that it may be left in place several months contrarily of "classical" cathethers.	
112173	Chest tube	A tube inserted into the chest wall from outside the body, for drainage. Sometimes used for collapsed lung. Usually connected to a receptor placed lower than the insertion site.	

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112174	Central line	A tube placed into the subclavian vein to deliver medication directly into the venous system.	
112175	Kidney stent	A stent is a tube inserted into another tube. Kidney stent is a tube that is inserted into the kidney, ureter, and bladder, to help drain urine. Usually inserted through a scoping device presented through the urethra.	
112176	Pancreatic stent	A stent is a tube inserted into another tube. Pancreatic stent is inserted through the common bile duct to the pancreatic duct, to drain bile.	
112177	Nipple ring	A non-lesion object which appears to be a circular band, attached to the body via pierced nipple.	
112178	Coin	A non-lesion object which appears to be a flat round piece of metal.	
112179	Minimum Attenuation Coefficient	The least quantity assignable, admissible, or possible; the least of a set of X-ray attenuation coefficients.	
112180	Maximum Attenuation Coefficient	The greatest quantity or value attainable or attained; the largest of a set of X-ray attenuation coefficients.	
112181	Mean Attenuation Coefficient	The value that is computed by dividing the sum of a set of X-ray attenuation coefficients by the number of values.	
112182	Median Attenuation Coefficient	The value in an ordered set of X-ray attenuation coefficients, below and above which there is an equal number of values.	
112183	Standard Deviation of Attenuation Coefficient	For a set of X-ray attenuation coefficients: 1) a measure of the dispersion of a frequency distribution that is the square root of the arithmetic mean of the squares of the deviation of each of the class frequencies from the arithmetic mean of the frequency distribution; 2) a parameter that indicates the way in which a probability function or a probability density function is centered around its mean and that is equal to the square root of the moment in which the deviation from the mean is squared.	

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112184	Performance of Pediatric and Adult Thoracic CT	American College of Radiology. ACR Standard for the Performance of Pediatric and Adult Thoracic Computed Tomography (CT). In: Standards. Reston, Va: 2001:103-107.	
112185	Performance of CT for Detection of Pulmonary Embolism in Adults	American College of Radiology. ACR Standard for the Performance of Computed Tomography for the Detection of Pulmonary Embolism in Adults. In: Standards. Reston, Va: 2001:109-113.	
112186	Performance of High-Resolution CT of the Lungs in Adults	American College of Radiology. ACR Standard for the Performance of High-Resolution Computed Tomography (HRCT) of the Lungs in Adults. In: Standards. Reston, Va: 2001:115-118.	
112187	Unspecified method of calculation	The method of calculation of a measurement or other type of numeric value is not specified.	
113000	Of Interest	Of Interest	
113001	Rejected for Quality Reasons	Rejected for Quality Reasons	
113002	For Referring Provider	For Referring Provider	
113003	For Surgery	For Surgery	
113004	For Teaching	For Teaching	
113005	For Conference	For Conference	
113006	For Therapy	For Therapy	
113007	For Patient	For Patient	
113008	For Peer Review	For Peer Review	
113009	For Research	For Research	
113010	Quality Issue	Quality Issue	
113011	Document Title Modifier	Document Title Modifier	
113012	Key Object Description	Key Object Description	
113013	Best In Set		
113014	Study		
113015	Series		
113016	Performed Procedure Step		
113017	Stage-View		
113018	For Printing	For Printing	
113026	Double exposure	Double exposure	

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113040	Lossy Compression		
113041	Apparent Diffusion Coefficient		
113042	Pixel by pixel addition		
113043	Diffusion weighted		
113044	Diffusion Anisotropy		
113045	Diffusion Attenuated		
113046	Pixel by pixel division		
113047	Pixel by pixel mask		
113048	Pixel by pixel Maximum		
113049	Pixel by pixel mean		
113050	Metabolite Maps from spectroscopy data		
113051	Pixel by pixel Minimum		
113052	Mean Transit Time		
113053	Pixel by pixel multiplication		
113054	Negative Enhancement Integral		
113055	Regional Cerebral Blood Flow		
113056	Regional Cerebral Blood Volume		
113057	R-Coefficient Map		
113058	Proton Density map		
113059	Signal Change Map		
113060	Signal to Noise Map		
113061	Standard Deviation		
113062	Pixel by pixel subtraction		
113063	T1 Map		
113064	T2* Map		
113065	T2 Map		
113066	Time Course of Signal		
113067	Temperature encoded		
113068	Student’s T-Test		
113069	Time To Peak map		
113070	Velocity encoded		
113071	Z-Score Map		

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114000	Not a number	Measurement not available: Not a number (per IEEE 754)	
114001	Negative Infinity	Measurement not available: Negative Infinity (per IEEE 754)	
114002	Positive Infinity	Measurement not available: Positive Infinity (per IEEE 754)	
114003	Divide by zero	Measurement not available: Divide by zero (per IEEE 754)	
114004	Underflow	Measurement not available: Underflow (per IEEE 754)	
114005	Overflow	Measurement not available: Overflow (per IEEE 754)	
114006	Measurement failure	Measurement not available: Measurement failure	
114007	Measurement not attempted	Measurement not available: Measurement not attempted	
114008	Calculation failure	Measurement not available: Calculation failure	
114009	Value out of range	Measurement not available: Value out of range	
114010	Value unknown	Measurement not available: Value unknown	
114011	Value indeterminate	Measurement not available: Value indeterminate	
121001	Quotation Mode		
121002	Quoted Source		
121003	Document		
121004	Verbal		
121005	Observer Type		
121006	Person		
121007	Device		
121008	Person Observer Name		
121009	Person Observer's Organization Name		
121010	Person Observer's Role in the Organization		
121011	Person Observer's Role in this Procedure		
121012	Device Observer UID		
121013	Device Observer Name		
121014	Device Observer Manufacturer		
121015	Device Observer Model Name		

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121016	Device Observer Serial Number		
121017	Device Observer Physical Location during observation		
121018	Procedure Study Instance UID		
121019	Procedure Study Component UID		
121020	Procedure HL7 Placer Number of Evidence		
121021	Procedure HL7 Filler Number of Evidence		
121022	Procedure Accession Number		
121023	Procedure Code		
121024	Subject Class		
121025	Patient		
121026	Fetus		
121027	Specimen		
121028	Subject UID		
121029	Subject Name		
121030	Subject ID		
121031	Subject Birth Date		
121032	Subject Sex		
121033	Subject Age		
121034	Subject Species		
121036	Mother of fetus		
121037	*Fetus number*		*Retired. Replaced with (11951-1,LN, "Fetus ID").*
121038	*Number of Fetuses*		*Retired. Replaced with (11878-6,LN, "Number of Fetuses").*
121039	Specimen UID		
121040	Specimen Accession Number		
121041	Specimen Identifier		
121042	Specimen Type		
121043	Slide Identifier		
121044	Slide UID		
121045	Language		
121046	Country of Language		
121047	Language of Value		

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121048	Language of Name and Value		
121049	Language of Content Item and Descendants		
121050	Equivalent Meaning of Concept Name		
121051	Equivalent Meaning of Value		
121052	Presence of property		
121053	Present		
121054	Absent		
121055	Path		
121056	Area outline		
121057	Perimeter outline		
121058	Procedure reported		
121060	History		
121062	Request		
121064	Current Procedure Descriptions		
121065	Procedure Description		
121066	Prior Procedure Descriptions		
121068	Previous Findings		
121069	Previous Finding		
121070	Findings		
121071	Finding		
121072	Impressions		
121073	Impression		
121074	Recommendations		
121075	Recommendation		
121076	Conclusions		
121077	Conclusion		
121078	Addendum		
121079	Baseline		
121080	Best illustration of finding		
121081	Physician		
121082	Nurse		
121083	Technologist		
121084	Radiographer		
121085	Intern		
121086	Resident		
121087	Registrar		

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121088	Fellow		
121089	Attending [Consultant]		
121090	Scrub nurse		
121091	Surgeon		
121092	Sonologist		
121093	Sonographer		
121094	Performing		
121095	Referring		
121096	Requesting		
121097	Recording		
121098	Verifying		
121099	Assisting		
121100	Circulating		
121101	Standby		
121102	Other	Other sex	
121103	Undetermined (temporarily)	Temporarily undetermined sex	
121201	Area Outline		
121206	Distance		
121210	Path		
121211	Path length		
121213	Perimeter Outline		
121216	Volume estimated from single 2D region		
121217	Volume estimated from three or more non-coplanar 2D regions		
121218	Volume estimated from two non-coplanar 2D regions		
121219	Volume of bounding three dimensional region		
121220	Volume of circumscribed sphere		
121221	Volume of ellipsoid		
121222	Volume of sphere		
121230	Path Vertex	Coordinates of a point on a defined path	
121301	Simultaneous Doppler		
121302	Simultaneous Hemodynamic		

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121303	Simultaneous ECG		
121304	Simultaneous Voice Narrative		
121311	Localizer		
121312	Biopsy localizer		
121313	Other partial views		
121314	Other image of biplane pair		
121315	Other image of stereoscopic pair		
121316	Images related to standalone object		
121317	Spectroscopy		
121320	Uncompressed predecessor		
121321	Mask image for image processing operation		
121322	Source image for image processing operation		

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Annex E
French Translations of Selected Codes used in the DCMR (Normative)

This Annex defines the French language code meanings for selected codes used in the DCMR.

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning French Language
BI	3.0	II.AC.a	0 - Need additional imaging evaluation	0. L'évaluation nécessite des compléments d'imagerie
BI	3.0	II.AC.b.1	1 – Negative	1. Négatif
SRT	1.1	F-01781	1 o'clock position	Situé à 1 heure
SRT	1.1	F-0178A	10 o'clock position	Situé à 10 heures
SRT	1.1	F-0178B	11 o'clock position	Situé à 11 heures
SRT	1.1	F-0178C	12 o'clock position	Situé à 12 heures
BI	3.0	II.AC.b.2	2 – Benign Finding	2. Constatations bénignes
SRT	1.1	F-01782	2 o'clock position	Situé à 2 heures
BI	3.0	II.AC.b.3	3 - Probably Benign Finding – short interval follow-up	3. Anomalie probablement bénigne - proposition d'une surveillance à court terme
SRT	1.1	F-01783	3 o'clock position	Situé à 3 heures
BI	3.0	II.AC.b.4	4 - Suspicious abnormality, biopsy should be considered	4. Anomalie suspecte, une biopsie doit être envisagée
SRT	1.1	F-01784	4 o'clock position	Situé à 4 heures
BI	3.0	II.AC.b.5	5 - Highly suggestive of malignancy, take appropriate action	5. Haute probabilité de malignité, une action appropriée doit être entreprise
SRT	1.1	F-01785	5 o'clock position	Situé à 5 heures
SRT	1.1	F-01786	6 o'clock position	Situé à 6 heures
SRT	1.1	F-01787	7 o'clock position	Situé à 7 heures
SRT	1.1	F-01788	8 o'clock position	Situé à 8 heures
SRT	1.1	F-01789	9 o'clock position	Situé à 9 heures
DCM		112063	Abnormal calcifications	Calcifications anormales
DCM		112028	Abnormal Distribution of Anatomic Structure	Distribution anormale des structures anatomiques
DCM		112004	Abnormal interstitial pattern	Opacité interstitielle
DCM		112061	Abnormal lines (1D)	Lignes anormales (1D)
DCM		112062	Abnormal lucency	Clarté anormale
DCM		112033	Abnormal opacity	Opacité anormale
DCM		112064	Abnormal texture	Texture anormale Note : If the term refers to a localized lesion the translation is

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				“Texture anormale “ but if the term refers to the entire lung it is more appropriate to use “Trame anormale”.
SNM3		M-41610	Abscess	Abcès
DCM		112146	Acinar	Acinaire
DCM		112036	ACR Position Statement	Position de l'ACR
SRT		T-15420	Acromioclavicular Joint	Articulation acromioclaviculaire
SRT		T-12281	Acromion process of scapula	Acromion
SRT		G-A231	Acute	Aigu
DCM		121078	Addendum	Addendum
DCM		111135	Additional projections	Incidence complémentaire
SNM3		M-82003	Adenoid cystic carcinoma	Carcinome adénoïde kystique (cylindrome)
SNM3		M-83240	Adenolipoma	Adénolipome
SNM3		M-81400	Adenoma	Adénome
SNM3		M-89830	Adenomyoepithelioma	Adénomyoépithéliome
SNM3		M-74200	Adenosis	Adénose
SNM3		G-A127	Afferent	Afférent
DCM		112055	Agatston scoring method	Score de calcification cororaire par la méthode d’Agatston
DCM		112143	Air	Air
DCM		112070	Air bronchiologram	Bronchiologramme aérique
DCM		112071	Air bronchogram	Bronchogramme aérique
DCM		112072	Air crescent	Croissant aérique
DCM		112147	Air space	Espace aérique
DCM		112104	Air-fluid level	Niveau hydro-aérique
SRT		F-20240	Air-trapping	Piégeage
SRT		T-20001	Airway structure	Structure des voies aériennes
DCM		111001	Algorithm Name	Nom de l’algorithme
DCM		111002	Algorithm Parameters	Paramètres de l’algorithme
DCM		111003	Algorithm Version	Version de l’algorithme
DCM		111242	All algorithms succeeded; with findings	Tous les algorithmes ont réussi ; avec élément découvert
DCM		111241	All algorithms succeeded; without findings	Tous les algorithmes ont réussi ; sans élément découvert
SRT	1.1	F-01711	Almost entirely fat	Presque entièrement graisseux
SNM3		G-A174	Along edge	Au bord
SRT	1.1	F-0176C	Amorphous calcification	Calcification amorphe
SNM3		M-55160	Amyloid (tumor)	(Tumeur) amyloïde
DCM		111004	Analysis Performed	Analyse effectuée

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DCM		112050	Anatomic Identifier	Identificateur anatomique
SNM3		F-10326	anatomical	Anatomique
SNM3		M-88610	Angiolipoma	Angiolipome
SNM3		M-76100	Angiomatosis	Angiomatose
SNM3		M-91203	Angiosarcoma	Angiosarcome (hémangiosarcome)
SRT		T-11307	Angle of rib	Angle de la côte
SNM3		G-A105	Anterior	Antérieur
DCM		112088	Anterior junction line	Ligne médiastinale antérieure
SRT		T-28630	Anterior segment of left upper lobe	Segment antérieur du lobe supérieur gauche
SRT		T-28230	Anterior segment of right upper lobe	Segment antérieur du lobe supérieur droit
SNM3		G-A180	Anterolateral	Antéro-latéral
DCM		111141	Any decision to biopsy should be based on clinical assessment	Une éventuelle décision de biopsie doit être basée sur l'évaluation clinique
SRT		T-42000	Aorta	Aorte
SRT		T-42300	Aortic arch	Crosse de l'aorte
SRT		T-42310	Aortic isthmus	Isthme aortique
DCM		112102	Aortic knob	Bouton aortique
SRT		T-35400	Aortic Valve	Valve aortique
SNM3		G-A122	Apical	Apical
SRT		G-A122	Apical	Apical
SNM3		M-84013	Apocrine adenocarcinoma	Carcinome apocrine
SNM3		M-73310	Apocrine Metaplasia	Métaplasie apocrine
DCM		112103	Arch of the Azygos vein	Crosse de la veine Azygos
SRT		T-11511	Arch of vertebra	Arc vertébral
DCM		112079	Architectural distortion	Modification des rapports anatomiques
SRT	1.1	F-01795	Architectural distortion of breast	Distorsion architecturale du sein
SNM3		G-A166	Area	Surface
SRT		G-A167	Area of defined region	Surface de la région définie
DCM		121201	Area Outline	Tracé de la surface
DCM		111215	Artifact(s) other than grid or detector artifact	Artéfacts autres qu'artéfacts de grille ou du détecteur
SRT		T-42100	Ascending aorta	Aorte thoracique ascendante
DCM		111005	Assessment Category	Catégorie d'évaluation
DCM		112003	Associated Chest Component	Structure anatomique du thorax
SRT	1.1	F-01793	Asymmetric breast tissue	Tissu mammaire asymétrique
SRT	1.1	P5-B3412	Asymmetric breast tissue analysis	Analyse de l'asymétrie du tissu mammaire

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SRT	1.1	F-8A063	Asynchronous involution of breast	Involution asynchrone du sein
SRT		D4-31220	Atrial Septal Defect	Communication inter atriale
SRT		T-32100	Atrium	Atrium ou Oreillette
DCM		121089	Attending (syn. Consultant)	Consultant
DCM		112031	Attenuation Coefficient	Coefficient d'atténuation
SNM3		M-72175	Atypical intraductal hyperplasia	Hyperplasie intracanalaire atypique
SNM3		M-72105	Atypical lobular hyperplasia	Hyperplasie lobulaire atypique
SNM3		G-A147	Axial	Axial
SRT	1.1	F-01794	Axilla position	Situation axillaire
BI	3.0	I.E.6	Axillary adenopathy	Adénopathie axillaire
SRT		T-47100	Axillary Artery	Artère axillaire
SRT		T-18774	Axillary Fascia	Fascia axillaire
DCM		111301	Axillary nodal metastases	Métastases ganglionnaires axillaire
DCM		111253	Axillary node hyperplasia	Hyperplasie dans ganglion axillaire
DCM		111252	Axillary node with calcifications	Ganglion axillaire avec calcifications
DCM		111300	Axillary node with lymphoma	Lympphome dans ganglion axillaire
SNM3		R-102D1	Axillary Tail	Prolongement axillaire
SRT	1.1	F-0178E	Axillary tail position	Situé dans le prolongement axillaire du sein
SRT		T-49110	Axillary vein	Veine axillaire
DCM		112090	Azygoesophageal recess interface	Ligne para-azygo-oesophagienne
SRT		T-48340	Azygos vein	Grande veine Azygos
SNM3		G-A123	Basal	Basal
DCM		111307	Basal cell carcinoma of the nipple	Carcinome basocellulaire du mamelon
DCM		121079	Baseline	Référence
DCM		112016	Baseline Category	Catégorie à T0
DCM		112154	Bat's wing distribution	No translation is provided Note: In France, the two concepts as described in Annex D 112154 and 112155 are not distinguished. For this reason both "Bat's wing" and "Butterfly distribution" are translated as "Aspect en aile de papillon".
SNM3		A-32475	BB shot (Lead Pellet)	Marque de plomb (Grain de plomb)
DCM		112066	Beaded septum sign	Septa perlés

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DCM		111256	Benign Calcifications	Calcifications bénignes
DCM		111255	Benign cyst with blood	Kyste bénin hémorragique
SNM3		D7-F0810	Benign neoplasm of nipple of female breast (Nipple adenoma)	Adénomatose (papillomatose) érosive du mamelon
DCM		121080	Best illustration of finding	Meilleure illustration des résultats
DCM		112049	Best Overall Response	La meilleure réponse
SNM3		G-A102	Bilateral	Bilatéral
DCM		111143	Biopsy should be considered	Une biopsie doit être envisagée
DCM		111148	Biopsy should be strongly considered	Une biopsie doit être absolument envisagée
DCM		111303	Blood vessel (vascular) invasion	Embole vasculaire
SRT		T-11220	Body of sternum	Corps du sternum
DCM		112007	Border definition	Définition des bords
DCM		112015	Border shape	Forme des bords
SNM3		T-04080	Both breasts	Les deux seins
SRT		T-47160	Brachial artery	Artère brachiale
SRT		T-A9090	Brachial plexus	Plexus brachial
SRT		T-46010	Brachiocephalic trunk	Tronc artériel brachio-céphalique
SRT		T-48620	Brachiocephalic vein	Tronc veineux brachio-céphalique
SNM3		T-04000	Breast	Sein
SRT	1.1	F-01710	Breast composition	Composition du sein (des seins)
SRT	1.1	P5-B3414	Breast composition analysis	Analyse de la composition du sein (des seins)
DCM		111100	Breast geometry	Morphologie du sein (des seins)
SNM3		D7-90428	Breast lobular hyperplasia	Hyperplasie lobulaire mammaire
DCM		111007	Breast Outline including Pectoral Muscle Tissue	Limites du sein incluant le muscle pectoral
SNM3		T-04000	Breast, NOS	Sein, SAI
SRT		R-40939	Bronchial	Bronchique
SRT		T-46310	Bronchial artery	Artère bronchique
DCM		112052	Bronchovascular	Broncho-vasculaire
SRT		T-26000	Bronchus	Bronche
SNM3		A-32110	Bullet	Balle

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DCM		112155	Butterfly distribution	Aspect en ailes de papillon
DCM		111017	CAD Processing and Findings Summary	Résumé du traitement et des résultats du système de DAO[1]
SRT	1.1	F-01775	Calcification Cluster	Foyer de microcalcifications
DCM		112030	Calcification Descriptor	Descripteur des calcifications
DCM		111008	Calcification Distribution	Distribution des calcifications
DCM		112018	Calcification extent as percent of surface	% de surface calcifiée
DCM		112019	Calcification extent as percent of volume	% de volume calcifié
DCM		111009	Calcification Type	Type de calcification
SRT	1.1	F-01769	Calcified skin of breast	Calcification cutanée
SRT	1.1	F-0176A	Calcified suture material	Fils de suture calcifiés
DCM		112145	Calcium	Calcium
DCM		112058	Calcium score	Score de calcification
DCM		112034	Calculation Description	Description du calcul
SNM3		G-A171	Capsular	Capsulaire
DCM		111304	Carcinoma in children	Carcinome de l'enfant
DCM		111305	Carcinoma in ectopic breast	Carcinome sur glande mammaire ectopique
DCM		111310	Carcinoma in pregnancy and lactation	Carcinome au cours de la grossesse et de la lactation
SNM3		D7-F0902	Carcinoma in situ of male breast	Carcinome de l'homme
DCM		111306	Carcinoma with endocrine differentiation	Carcinome avec différenciation endocrine
SNM3		M-85733	Carcinoma with metaplasia	Carcinome métaplasique
SNM3		M-89803	Carcinosarcoma	Carcinosarcome
SRT		A-040CB	Cardiac pacemaker lead	Electrode de pace-maker cardiaque
SRT		T-25201	Carina	Carène
DCM		112086	Carina angle	Angle carinaire
SRT		T-B4000	Carotid Body	Corpuscule carotidien
DCM		111309	Cartilaginous and osseous change	Métaplasie cartilagineuse ou osseuse
SNM3		A-26800	Catheter	Cathéter
SNM3		G-A108	Caudal	Caudal
SNM3		G-A108	Caudal	Caudal
SNM3		G-A107	Caudal-cranial	Pieds-tête

[1] DAO = Détection Assistée par Ordinateur

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SNM3		R-10244	caudo-cranial (from below)	Face caudo-craniale
DCM		112017	Cavity extent as percent of volume	Taille de la cavité en % du volume
DCM		111203	CC Nipple not centered on image	Cranio-caudal: mamelon non centré sur l'image
DCM		111202	CC Not all medial tissue visualized	Cranio-caudal: le tissu interne n'est pas totalement visible
DCM		111204	CC Posterior nipple line does not measure within 1 cm of MLO	Cranio-caudal: longueur de la ligne rétroaréolaire sur la face plus courte de plus d'un centimètre que sur l'oblique
DCM		111010	Center	Centre
UCUM		cm	centimeter	Centimètre
SNM3		G-A110	Central	Central
SRT		G-A110	Central	Central
DCM		112174	Central line	Cathéter central
SRT	1.1	F-0178F	Central portion of breast position	Situé dans la partie centrale du sein
DCM		112156	Centrilobular	Centro-lobulaire
DCM		112087	Centrilobular structures	Structures centro-lobulaires
SNM3		G-A107	Cephalic	Céphalique
SNM3		G-A107	Cephalic	Céphalique
DCM		111011	Certainty of Feature	Certitude concernant la caractéristique
DCM		111012	Certainty of Finding	Certitude concernant le résultat
DCM		111013	Certainty of Impression	Certitude concernant l'impression
SRT		A-12210	Cervical collar	Minerve
DCM		112000	Chest CAD Report	Compte-rendu de la DAO du thorax
DCM		112173	Chest tube	Drain thoracique
SRT		T-D3050	Chest wall	Paroi thoracique
SNM3		M-92200	Chondroma	Chondrome
SNM3		M-92203	Chondrosarcoma	Chondrosarcome
SRT		T-35020	Chordae tendineae cordis	Cordage
SRT		G-A270	Chronic	Chronique
SNM3		M-02560	Circumference	Circonférence
DCM		112142	Circumscribed	Circonscrit
SRT	1.1	F-01741	Circumscribed lesion	Lésion circonscrite (bien définie ou à contour net)
SRT		T-12310	Clavicle	Clavicule
SRT		T-11219	Clavicular notch of sternum	Incisure claviculaire du sternum

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SNM3		R-102D2	Cleavage	Sillon inter-mammaire
SNM3		A-12062	Clip	Clip
DCM		111014	Clockface or region	Quadrant ou région
DCM		112157	Coalescent	Confluent
SRT	1.1	F-01761	Coarse (popcorn-like) calcification	Grossière (en popcorn ou coralliforme)
DCM		112178	Coin	Pièce de monnaie
SRT		F-20172	Coin lesion	Lésion nodulaire
DCM		111195	Collimation too close to breast	Collimation trop proche du sein
SNM3		A-10044	Collimator	Collimateur
SNM3		M-85012	Comedocarcinoma (intraductal)	Carcinome intracanalaire de type comédo
SRT		T-45100	Common carotid artery	Artère carotide commune
DCM		111015	Composite Feature	Caractéristique composite
DCM		112023	Composite Feature Modifier	Modificateur lié à une anomalie à caractéristiques composites
DCM		111016	Composite type	Type composite
DCM		110004	Computer Aided Detection	
DCM		110003	Computer Aided Diagnosis	
DCM		121077	Conclusion	Conclusion
DCM		121076	Conclusions	Conclusions
DCM		111018	Content Date	Date du contenu
DCM		111019	Content Time	Heure du contenu
SNM3		C-B0300	Contrast agent NOS	Produit de contraste, SAI
SRT		T-12282	Coracoid process of scapula	Apophyse coracoïde
DCM		112105	Corona radiata	Couronne radiaire
SNM3		G-A138	Coronal	Coronal
SRT		T-11240	Costal Cartilage	Cartilage costal
SRT		T-11308	Costal groove	Sillon de la côte
SRT		T-46180	Costocervical trunk	Tronc cervico-thoracique
SNM3		G-A108	Cranial-caudal	Tête-pieds
SNM3		G-A108	Cranio-caudal	Cranio-caudal
SNM3		R-10242	cranio-caudal	Face
SNM3		Y-X1770	cranio-caudal exaggerated laterally	Face exagérée externe
SNM3		Y-X1771	cranio-caudal exaggerated medially	Face exagérée interne
LN		18747-6	CT Report	Compte rendu TDM
UCUM		cm3	Cubic centimeter	Centimètre cube

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UCUM	1.4	dm3	Cubic decimeter	Décimètre cube
UCUM		um3	Cubic micrometer	Micromètre cube
UCUM		mm3	Cubic millimeter	Millimètre cube
SNM3		F-10410	curled-up	En chien de fusil
DCM		121064	Current Procedure Descriptions	Description de la procédure en cours
DCM		112048	Current Response	Réponse actuelle
SNM3		D7-90360	Cyst of breast	Kyste du sein
DCM		111147	Cytologic analysis	Analyse cytologique
DCM		111193	Date sticker is missing	L'étiquette de date est absente
UCUM		d	day	Jour
UCUM	1.4	d	Day	Jour
SRT	1.1	F-01727	Decrease in number of calcifications	Diminution du nombre de calcifications
SRT	1.1	M-02530	Decrease in size	Diminution de taille
SNM3		G-A140	Deep	Profond
SRT		T-13660	Deltoid muscle	Muscle deltoïde
DCM		112118	Density	Densité Note: Typically used with chest CT
DCMSRT	1.1	F-01796	Mammography breast density	Opacité mammaire à la mammographie
DCM		112119	Dependent opacity	Opacité déclive
SRT		G-D785	Depth	Profondeur
DCM		111020	Depth	Profondeur
DCM		121401	Derivation	Méthode de calcul
SRT		T-D0765	Descending aorta	Aorte thoracique descendante
DCM		111021	Description of Change	Description des modifications
DCM		111022	Detection Performed	Détection effectuée
DCM		111214	Detector artifact(s)	Artéfacts du détecteur
DCM		111259	Diabetic fibrous mastopathy	Mastopathie diabétique
SNM3		M-02550	Diameter	Diamètre
SRT		G-A198	Diameter of circumscribed circle	Diamètre du cercle circonscrit
SRT		T-D3400	Diaphragm	Diaphragme
DCM		110011	Dictation	
DCM		112166	Difference in border definition	Modification de la netteté des bords
DCM		112165	Difference in border shape	Modification de la forme des bords
DCM		112167	Difference in distribution	Modification de la distribution
SRT	1.1	F-017B3	Difference in location	Différence de localisation
SRT	1.1	F-017B7	Difference in margin	Différence de contours
SRT	1.1	F-017B5	Difference in number of	Différence du nombre de

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			calcifications	calcifications
SRT	1.1	F-017B2	Difference in opacity	Différence d'opacité
SRT	1.1	F-017B6	Difference in shape	Différence de forme
DCM		112168	Difference in site involvement	Modification du siège des lésions
SRT	1.1	F-017B1	Difference in size	Différence de taille
SRT	1.1	F-017B4	Difference in spatial proximity	Différence de proximité dans l'espace
SRT	1.1	F-017B8	Difference in symmetry	Différence de symétrie
DCM		112170	Difference in Texture	Modification de texture
DCM		112169	Difference in Type of Content	Modification du contenu
DCM		111023	Differential Diagnosis/Impression	Diagnostic différentiel/Impression
SRT		G-A321	Diffuse	Diffus
SRT	1.1	F-01770	Diffuse calcification distribution	Calcifications diffuses(disséminées)
SRT		M-020FA	Discoid	Discoïde
SRT		G-A324	Disseminated	Disséminé
SNM3		G-A119	Distal	Distal
DCM		121206	Distance	
DCM		112138	Distinctly defined	Distincts les uns des autres
DCM		112006	Distribution Descriptor	Descripteur de la distribution
DCM		113011	Document Title Modifier	Modificateur du titre du document
SNM3		G-A106	Dorsal	Dorsal
SRT		T-12287	Dorsal aspect of scapula	Corps de l'omoplate
SRT		T-461A0	Dorsal scapular artery	Artère scapulaire postérieure
DCM		111258	Ductal adenoma	Adénome ductal
SNM3		M-72170	Ductal hyperplasia, Usual	Hyperplasie canalaire
SRT	1.1	P5-40060	mammary ductogram	Galactographie
SRT	1.1	F-01762	Dystrophic calcification	Dystrophique
SNM3		D4-48014	Ectopic (accessory) breast tissue	Tissu mammaire ectopique (glande mammaire accessoire)
SNM3		M-36300	Edema	Oedème
SNM3		G-A174	Edge	Bord
SNM3		G-A128	Efferent	Efférent
SRT	1.1	F-01763	Eggshell calcification	En coquille d'oeuf
DCM		111217	Electrical failure	Défaillance électrique
DCM		112134	Elliptic	Elliptique
SRT		A-25350	Endotracheal tube	Tube endotrachéal
SRT		R-40750	Enlarged	Augmenté de taille
SNM3		M-33410	Epidermal inclusion cyst	Kyste épidermique

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SRT	1.1	F-01752	Equal density (isodense) lesion	Lésion de densité identique (isodense)
SNM3		F-10440	erect	Debout
SRT		T-14020	Erector spinae muscle	Muscles érecteurs du rachis
SRT		T-4630D	Esophageal artery	Artère oesophagienne
SRT		T-D3412	Esophageal Hiatus	Hiatus oesophagien
SRT		T-56000	Esophagus	Oesophage
DCM		121427	Estimated	Estimé
SNM3		R-102CF	exaggerated cranio-caudal	Face exagérée
SNM3		G-A112	External	Externe
SRT		R-40941	External	Externe
SRT		T-1416B	External intercostal muscle	Muscle intercostal externe
SNM3		M-88211	Extra abdomenal desmoid	Tumeur desmoïde extraabdominale
SNM3		G-A151	Extra-articular	Extra-articulaire
SRT	1.1	F-01714	Extremely dense	Très dense
DCM		112131	Extremely small	Extrêmement petit
DCM		111224	Failed	Echec
DCM		111024	Failed Analyses	Échec des analyses
DCM		111025	Failed Detections	Échec des détections
SRT		T-D0634	Fascial layer	Fascia
SRT		T-D008A	Fat	Graisse
SRT	1.1	F-01754	Fat containing (radiolucent) lesion	Lésion contenant de la graisse (radiotransparent)
SNM3		D7-90434	Fat necrosis of breast	Cytostéatonécrose mammaire
DCM		111159	Feature detected on images from multiple modalities	Caractéristique détectée sur les images provenant de plusieurs modalités
DCM		111158	Feature detected on multiple images	Caractéristique détectée sur plusieurs images
DCM		111157	Feature detected on only one of the images	Caractéristique détectée sur une seule des images
DCM		111156	Feature detected on the only image	Caractéristique détectée sur la seule image
SRT		A-26430	Feeding tube	Sonde d'alimentation
ISO5218_1		F	female	Femme
DCM		111264	Fibroadenolipoma	Adénofibrolipome
SNM3		M-90100	Fibroadenoma	Fibroadénome
DCM		111263	Fibroadenomatoid hyperplasia	Hyperplasie fibro-adénomatoïde
DCM		112163	Fibrocalcific	Fibrocalcique
SNM3		D7-90310	Fibrocystic disease of breast	Dysplasie fibrokystique du sein

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SNM3		M-78800	Fibromatosis	Fibomatose
DCM		112148	Fibronodular	Fibro-nodulaire
SNM3		M-88103	Fibrosarcoma	Fibrosarcome
DCM		112171	Fiducial mark	Point de repère
DCM		110010	Film	
DCM		121071	Finding	Résultat
SRT	1.1	F-01722	Finding partially removed	Exérèse partielle de l'élément
DCM		121070	Findings	Résultats
SRT	1.1	F-0176D	Fine, linear (casting) calcification	Calcification fine linéaire (vermiculaire)
SRT	1.1	F-0176E	Fine, linear, branching (casting) calcification	Calcification fine linéaire, arborisée (ramifiée)
SRT		T-D051D	Fissure of lung	Scissure
DCM		111191	Flash doesn't include cassette/screen/detector identification	Le marquage n'indique pas l'identifiant de cassette/écran/détecteur
DCM		111188	Flash doesn't include date of examination	Le marquage n'indique pas la date de l'examen
DCM		111189	Flash doesn't include facility name and location	Le marquage n'indique ni le nom de l'établissement ni son adresse
DCM		111192	Flash doesn't include mammography unit identification	Le marquage n'indique pas l'identifiant du mammographe
DCM		111187	Flash doesn't include patient name and additional patient id	Le marquage n'indique ni le nom du patient ni son identifiant.
DCM		111190	Flash doesn't include technologist identification	n.a.
DCM		111186	Flash is illegible, does not fit, or is lopsided	Le marquage est illisible, mal positionné ou de travers
DCM		111185	Flash is not near edge of film	Le marquage n'est pas au bord du film
DCM		112107	Fleischner's line(s)	Ligne(s) de Fleischner
DCM		112164	Flocculent	Floconneux
DCM		112149	Fluffy	Flou Note: the word-to-word translation of "Fluffy" is "Duveteux", but this term is never used. For tissues, the translation must be "Floconneux" but this term is only used for calcifications (Flocculent = Floconneux) in CID 6132. We retained "Flou" (in English, "Fuzzy") as the most appropriate.
SRT		G-A351	Focal	Localisé
SRT	1.1	F-01792	Focal asymmetric breast tissue	Asymétrie focale du tissu mammaire
SRT	1.1	P5-B3410	Focal asymmetric	Analyse de l'asymétrie de

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			density analysis	densité focale
SNM3		M-78266	Focal fibrosis	Fibrose focale
DCM		111142	Follow-up at short interval (1-11 months)	Surveillance à court terme (1-11 mois)
DCM		113005	For Conference	Pour une conférence
DCM		113007	For Patient	Pour le patient
DCM		113008	For Peer Review	Pour relecture par un pair
DCM		113002	For Referring Provider	Pour le référent
DCM		113009	For Research	Pour la recherche
DCM		113003	For Surgery	Pour la chirurgie
DCM		113004	For Teaching	Pour l'enseignement
DCM		113006	For Therapy	Pour la thérapeutique (see note 1)
SNM3		M-44140	Foreign body (reaction)	Réaction à corps étranger
SRT		M-30400	Foreign material (iodized oil, mercury, talc)	Corps étranger (lipiodol, mercure, talc)
SNM3		F-10380	frog	Position de la grenouille
SNM3		G-A138	Frontal	Frontal
SNM3		D7-90364	Galactocele	Galactocèle
SRT		G-A366	Generalized	Généralisé
SNM3		M-90160	Giant fibroadenoma	Adénofibrome géant
SRT		T-1228A	Glenoid cavity of scapula	Cavité glénoïde
SNM3		M-83153	Glycogen-rich carcinoma	Carcinome riche en glycogène
SNM3		M-95800	Granular cell tumor	Tumeur à cellules granuleuses
DCM		112128	Granular pattern	Aspect micronodulaire
DCM		111208	Grid artifact(s)	Artéfact(s) de grille
DCM		112120	Ground glass opacity	Opacité en verre dépoli
SRT	1.1	F-01772	Grouped calcification distribution	Calcification groupées (ou en foyer)
SNM3		G-A169	Gutter	Gouttière
SNM3		D7-90420	Gynecomastia	Gynécomastie
DCM		112073	Halo sign	Signe du halo
SNM3		M-75500	Hamartoma	Hamartome
SRT		T-11301	Head of rib	Tête de le côte
SRT		T-32000	Heart	Cœur
SRT		A-04110	Heart valve prosthesis	Prothèse valvulaire
SNM3		M-91200	Hemangioma	Hémangiome
SNM3		D3-F0620	Hemangioma of subcutaneous tissue	Hémangiome des tissues sous-cutané
SNM3		M-91220	Hemangioma – venous	Hémangiome veineux
SNM3		M-91501	Hemangiopericytoma	Hémangiopéricytome
SNM3		M-35060	Hematoma	Hématome
SRT	1.1	F-0176F	Heterogeneous	Calcification punctiforme

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			calcification	irrégulière (polymorphe, hétérogène)
SRT	1.1	F-01713	Heterogeneously dense	Dense et hétérogène
DCM		112095	Hiatus	Hiatus
SRT	1.1	F-01751	High density lesion	Lésion de forte densité
DCM		111149	Highly suggestive of malignancy – take appropriate action	Haute probabilité de malignité - une action appropriée doit être entreprise
SNM3		G-A170	Hilar	Hilaire
SRT		T-28080	Hilum of lung	Hile pulmonaire
SNM3		G-A170	Hilus	Hile
DCM		111145	Histology using core biopsy	Histologie par biopsie à l'aiguille
DCM		121060	History	Antécédents
SNM3		M-96503	Hodgkin's disease (lymphoma)	Maladie de Hodgkin
DCM		112160	Homogeneous (uniform opacity)	Homogène (opacité uniforme)
DCM		112106	Honeycomb pattern	Aspect en rayon de miel
SNM3		G-A142	Horizontal	Horizontal
SRT		G-A142	Horizontal	Horizontal
DCM		111026	Horizontal Imager Pixel Spacing	Espacement horizontal des pixels de l'imageur
UCUM		h	hour	Heure
SRT		T-12410	Humerus	Humérus
DCM		112159	Hyper-acute	Suraigu
SNM3		M-72000	Hyperplasia, usual	Hyperplasie simple
SNM3		A-16016	ID Plate	Zone d'identification
SRT		T-14030	Iliocostalis muscle	Muscle ilio-costal
DCM		111027	Image Laterality	Latéralité de l'image
DCM		111028	Image Library	Bibliothèque d'images
DCM		110001	Image Processing	
DCM		111101	Image Quality	Qualité image
SRT	1.1	P5-B3408	Image quality analysis	Analyse de la qualité d'image
DCM		111029	Image Quality Rating	Score de qualité image
DCM		111030	Image Region	Région de l'image
DCM		111031	Image View	Incidence
DCM		111032	Image View Modifier	Modificateur de l'incidence
SNM3		A-04010	Implant	Prothèse
SNM3		R-102D5	Implant Displaced	Prothèse déplacée
SRT	1.1	F-0172B	Implant revised since previous mammogram	Prothèse révisée depuis la mammographie précédente
DCM		121073	Impression	Impression
DCM		111033	Impression Description	Description de l'impression

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DCM		121072	Impressions	Impressions
DCM		111196	Inadequate compression	Compression inadéquate
DCM		111219	Inappropriate image processing	Défaillance du processus de traitement d'image
SRT	1.1	F-01726	Increase in number of calcifications	Augmentation du nombre de calcifications
SRT	1.1	M-02520	Increase in size	Augmentation de taille
SRT	1.1	F-01744	Indistinct lesion	Lésion indistincte
SRT	1.1	F-01776	Individual Calcification	Calcification isolée
DCM		111233	Individual Impression / Recommendation Analysis	Analyse de l'Impression / recommandation élémentaire
DCM		111034	Individual Impression/Recommendation	Impression élémentaire/Recommandation
SNM3		D7-90452	Infarction of breast	Infarctus mammaire
SNM3		G-A115	Inferior	Inférieur
SRT		T-116EF	Inferior articular facet of axis	Facette articulaire inférieure de l'axis
SRT		T-1153F	Inferior articular process of vertebra	Massif articulaire inférieur
SRT		T-46940	Inferior phrenic artery	Artère phrénique inférieure
SRT		T-48710	Inferior vena cava	Veine cave inférieure
DCM		112121	Infiltrate	Infiltrat
SNM3		M-85003	Infiltrating duct carcinoma	Carcinome canalaire infiltrant
SNM3		M-40000	Inflammation	Infection
SNM3		M-85303	Inflammatory carcinoma	Carcinome inflammatoire
SRT		T-13620	Infraspinatus muscle	Muscle sous épineux
DCM		112161	Inhomogeneous	Hétérogène
SNM3		G-A113	Inner	En dedans
SRT		T-14165	Innermost intercostal muscles	Muscles intercostaux intimes
DCM		111240	Institutionally defined quality control standard	Standards de contrôle de qualité définis par l'institution
DCM		111206	Insufficient implant displacement incorrect	Refoulement de la prothèse insuffisant
SRT		T-D305A	Intercostal artery	Artère intercostale
DCM		112082	Interface	Interface
SNM3		G-A114	Intermediate	Intermédiaire
DCM		121085	Intern	Interne
SNM3		G-A113	Internal	Interne
SRT		R-40819	Internal	Interne
SRT		T-14183	Internal intercostal muscle	Muscle intercostal interne

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SRT		T-48170	Internal jugular vein	Veine jugulaire interne
SRT		T-46200	Internal thoracic artery	Artère thoracique interne
DCM		110005	Interpretation	
SRT		T-1A007	Interstitial tissue	Interstitium
SRT		T-32410	Interventricular septum	Septum interventriculaire
SNM3		G-A15A	Intra-articular	Intra-articulaire
DCM		111315	Intracystic papillary carcinoma	Carcinome papillaire intrakystique
SNM3		M-85040	Intracystic papilloma	Papillome intrakystique
SNM3		M-85072	Intraductal carcinoma micro-papillary	Carcinome intracanalaire de type micropapillaire
DCM		111341	Intraductal carcinoma, high grade	Carcinome intracanalaire
DCM		111313	Intraductal carcinoma, low grade	Carcinome intracanalaire de bas grade
DCM		111312	Intraductal comedocarcinoma with necrosis	Carcinome intracanalaire de type comédo avec nécrose
SNM3		M-85030	Intraductal papilloma	Papillome intragalactophorique
DCM		112108	Intralobular lines	Lignes intra-lobulaires
SNM3		T-C4351	Intra-mammary lymph node	Ganglion intramammaire
DCM		111316	Invasive and in-situ carcinoma	Carcinome infiltrant et in situ
SNM3		M-82013	Invasive cribriform carcinoma	Carcinome infiltrant cribriforme
SNM3		M-85203	Invasive lobular carcinoma	Carcinome lobulaire infiltrant
SNM3		F-10349	inverse Trendelenburg	Trendelenburg inversé
SNM3	3.4	G-A402	Irregular	Irrégulière
SNM3		A-1016B	J Wire	Hameçon
SRT		A-26434	Jejunostomy tube	Tube de jéjunostomie
SRT		A-61000	Jewelry	Bijoux
SNM3		M-90300	Juvenile fibroadenoma	Fibroadénome juvénile
DCM		111277	Juvenille papillomatosis	Papillomatose juvénile
DCM		112109	Kerley A line	Ligne A de Kerley
DCM		112110	Kerley B line	Ligne B de Kerley
DCM		112111	Kerley C lines	Lignes C de Kerley
DCM		113012	Key Object Description	Description de l'objet clé
DCM		112175	Kidney stent	Stent rénal
SNM3		F-10336	knee-chest	Genu pectoral
SNM3		F-10330	kneeling	À genou [à genou]
SNM3		M-82040	Lactating adenoma	Adénome lactant
DCM		111279	Lactational change	Lobule sécrétant

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SRT		T-11514	Lamina of vertebra	Lame de la vertèbre
SRT		G-A405	Laminated	Lamellaire
SRT		R-404AA	Large	Gros
DCM		111281	Large duct papilloma	Papillome solitaire
SRT	1.1	F-01764	Large rod-like calcification	Calcification en bâtonnet
SNM3		G-A104	Lateral	Externe
SNM3		F-10318	lateral decubitus	Décubitus latéral
SRT		G-C171	Laterality	Latéralité
SNM3		R-10228	latero-medial	Profil externe
SNM3		R-10230	latero-medial oblique	Latéro-médial oblique
SRT		T-14172	Latissimus dorsi muscle	Muscle grand dorsal
SNM3		G-A101	Left	Gauche
SNM3		T-04030	Left breast	Sein gauche
SNM3		G-A101	Left lateral	Latéral gauche
SNM3		F-10319	left lateral decubitus	Décubitus latéral gauche
SRT		T-26500	Left main bronchus	Bronche principale gauche
SNM3		M-88900	Leiomyoma	Léiomyome
SNM3		M-88903	Leiomyosarcoma	Léiomyosarcome
SRT		G-A22A	Length	Longueur
DCM		111035	Lesion Density	Densité de la lésion
SRT	1.1	F-01728	Less defined	Moins bien défini
DCM		111318	Leukemic infiltration	Infiltration leucémique
SRT		T-14150	Levatores costarum muscles	Muscles élévateurs des côtes
SRT		T-42370	Ligamentum arteriosum	Ligament artériel
DCM		112083	Line	Ligne
DCM		112150	Linear	Linéaire
SRT	1.1	F-01771	Linear calcification distribution	Distribution linéaire des calcifications
SNM3		M-83143	Lipid-rich (lipid-secreting) carcinoma	Carcinome à cellules lipidiques
SNM3		M-88500	Lipoma of the breast	Lipome
SNM3		M-88503	Liposarcoma	Liposarcome
SNM3		F-10346	lithotomy	Lithotomie
DCM		112158	Lobar	Lobaire
SRT		T-28770	Lobe of lung	Lobe pulmonaire
SNM3	3.4	G-A640	Lobular	Lobulée
SNM3		D7-F0A02	Lobular carcinoma in situ of breast	Carcinome lobulaire in situ mammaire
DCM		112135	Lobulated	Lobulée
DCM		112013	Location in Chest	Localisation thoracique
SNM3		G-A185	Long Axis	Grand axe

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SRT		T-14040	Longissimus muscle	Muscle longissimus du thorax
SNM3		G-A143	Longitudinal	Longitudinal
SRT	1.1	F-01753	Low density (not containing fat) lesion	Faible densité (sans contenu graisseux)
SRT	1.0	T-04003	Lower inner quadrant of breast	Quadrant inféro-interne du sein
SNM3		T-04003	Lower inner quadrant of breast, NOS	Quadrant inféro-interne du sein, SAI
SRT		T-28830	Lower lobe of lung	Lobe pulmonaire inférieur
SRT	1.0	T-04005	Lower outer quadrant of breast	Quadrant inféro-externe du sein
SNM3		T-04005	Lower outer quadrant of breast, NOS	Quadrant inféro-externe du sein, SAI
SRT		T-D320A	Lower zone of lung	Zone inférieure du poumon
DCM		112084	Lucency	Clarté
SRT	1.1	F-01766	Lucent-centered calcification	Calcification à centre clair
SRT		T-28000	Lung	Poumon
DCM		111320	Lympathic vessel invasion	Embole lymphatique
SNM3		T-C4000	Lymph node	Ganglion lymphatique
SNM3		M-95903	Lymphoma	Lymphome
SNM3		R-102D6	Magnification	Agrandissement
SNM3		R-102D6	Magnification views	Agrandissements
SRT		G-A193	Major Axis	Axe principal
ISO5218_1		M	male	Homme
SNM3		M-88303	Malignant fibrous histiocytoma	Histiocytofibrome malin
DCM		111334	Malignant melanoma of nipple	Mélanome malin du mamelon
SNM3		D7-90370	Mammary duct ectasia	Galactophorite ectasiante mammaire (ectasie canalaire mammaire)
SRT	**1.1**	**F-01791**	Mammographic breast mass	Masse du sein à la mammographie
DCM		111036	Mammography CAD Report	Compte rendu d'analyse mammographique par système de DAO
DCM		111238	Mammography Quality Control Manual 1999, ACR	*Note: Applicable only for mass screening. Not yet applicable for other case of practice but work in progress in France.*
SRT		T-11211	Manubrium of sternum	Manubrium sternal
SNM3		G-A177	Marginal	Marginal
DCM		111037	Margins	Contours
SRT		M-03000	Mass	Masse

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DCM		112057	Mass scoring method	Appréciation de la charge calcique par la méthode du score de masse
DCM		112180	Maximum Attenuation Coefficient	Coefficient d'atténuation maximum
DCM		112181	Mean Attenuation Coefficient	Coefficient d'atténuation moyen
DCM		112051	Measurement of Response	Quantification de la réponse
DCM		111216	Mechanical failure	Défaillance mécanique
SNM3		G-A109	Medial	Médial
SNM3		G-A109	Median	Médian
DCM		112182	Median Attenuation Coefficient	Médiane des coefficients d'atténuation
SRT		T-D3300	Mediastinum	Médiastin
SNM3		R-10224	medio-lateral	Profil interne
SNM3		R-10226	medio-lateral oblique	Médiolatéral oblique
SRT		R-404A9	Medium	Moyen
SNM3		M-85103	Medullary carcinoma	Carcinome médullaire
SNM3		J-83250	Metal (Lead) Marker	Marqueur (plombé)
DCM		111333	Metastasis to an intramammary lymph node	Ganglion intramammaire métastatique
DCM		111323	Metastatic cancer to the breast	Cancer métastatique au sein
DCM		111324	Metastatic cancer to the breast from the colon	Métastase intramammaire d'un cancer colique
DCM		111325	Metastatic cancer to the breast from the lung	Métastase intramammaire d'un cancer pulmonaire
DCM		111327	Metastatic cancer to the breast from the ovary	Métastase intramammaire d'un cancer ovarien
DCM		111330	Metastatic disease to axillary node	Ganglion axillaire métastatique
DCM		111326	Metastatic melanoma to the breast	Métastase intramammaire d'un mélanome malin
DCM		111328	Metastatic sarcoma to the breast	Métastase intramammaire d'un sarcome
DCM		111284	Microglandular adenosis	Adénose microglandulaire
SRT	1.1	F-01742	Microlobulated lesion	Lésion microlobulée
UCUM		um	micrometer	Micromètre
DCM		112122	Micronodule	Micronodule
SNM3		G-A109	Middle	Milieu
SNM3		G-A109	Middle	Médian
SRT		T-28825	Middle lobe of lung	Lobe moyen du poumon
SRT		T-D3209	Middle zone of lung	Zone moyenne du poumon
DCM		112085	Midlung window	Fenêtre lobaire moyenne

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SRT		R-404FA	Mild	faible
DCM		112129	Miliary pattern	Aspect miliaire
SRT	1.1	F-01765	Milk of calcium calcification	Lait calcique
UCUM		mm	millimeter	Millimètre
DCM		112179	Minimum Attenuation Coefficient	Coefficient d'atténuation minimum
SRT		G-A194	Minor Axis	Axe secondaire
UCUM		min	minute	Minute
SRT		T-35300	Mitral Valve	Valve atrio-ventriculaire gauche
DCM		111200	MLO Evidence of motion blur	Oblique externe : présence d'un flou cinétique
DCM		111201	MLO Inframammary fold is not open	Oblique externe : sillon sous-mammaire non visible
DCM		111197	MLO Insufficient pectoral muscle	Oblique externe : muscle pectoral insuffisamment visible
DCM		111198	MLO No fat is visualized posterior to fibroglandular tissues	Oblique externe : lame graisseuse rétroglandulaire non visualisée
DCM		111199	MLO Poor separation of deep and superficial breast tissues	Oblique externe : mauvaise séparation des tissus superficiels et profonds
SRT		G-A002	Moderate	Modéré
UCUM		mo	month	Mois
UCUM	1.4	mo	Month	Mois
SRT	1.1	F-01729	More defined	Mieux défini
DCM		112130	Mosaic pattern	Aspect en mosaïque
DCM		112080	Mosaic perfusion	Perfusion en mosaïque
DCM		111210	Motion blur	Flou cinétique
DCM		111210	Motion blur	Artefact de mouvement
LN		18755-9	MR Report	Compte rendu IRM
SNM3		M-84803	Mucinous adenocarcinoma (Colloid carcinoma)	Carcinome (mucineux) colloïde
SRT		G-A443	Multifocal	Multifocal
DCM		111329	Multifocal intraductal carcinoma	Carcinome intracanalaire multifocal
DCM		111332	Multifocal invasive ductal carcinoma	Carcinome canalaire infiltrant multifocal
DCM		111285	Multiple Intraductal Papillomas	Papillomes multiples
SRT		R-420AE	Muscular	Musculaire
SNM3		M-88250	Myofibroblastoma	Myofibroblastome
SRT		R-41727	Narrow	Etroit
SRT		T-11303	Neck of rib	Col de la côte

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SRT		A-30360	Needle	Aiguille
DCM		111144	Needle localization and biopsy	Répérage métallique préopératoire et biopsie-exérèse
SNM3		D0-F035F	Neoplasm of mammary skin	Tumeur de la peau mammaire
SNM3		M-95400	Neurofibroma	Neurofibrome
SNM3		M-95401	Neurofibromatosis	Neurofibromatose
SRT	1.1	F-01721	New finding	Nouvel élément
SNM3		T-04100	Nipple	Mamelon
DCM		111297	Nipple Characteristic	Caractéristiques du mamelon
DCM		111205	Nipple not in profile	Le mamelon n'est pas de profil
SNM3		D7-90554	Nipple retraction	Rétraction mamelonnaire
DCM		112177	Nipple ring	Cerclage mammelonnaire
DCM		111286	No abnormality	Pas d'anomalie
DCM		111245	No algorithms succeeded; without findings	Aucun algorithme n'a réussi ; sans élément découvert
DCM		111213	No image	Pas d'image
SRT	1.1	F-01723	No significant changes in the finding	Pas de modification significative de l'élément
DCM		110009	No subsequent Workitems	
SRT		R-403A7	Nodular	Nodulaire
DCM		112067	Nodular pattern	Aspect nodulaire
SRT		M-03010	Nodule	Nodule
SNM3		M-95913	Non-Hodgkin's lymphoma	Lymphome non hodgkinien
DCM		111102	Non-lesion	Pas de lésion
DCM		112076	Non-Lesion at Baseline	Anomalie « non lésion » à T0
DCM		112037	Non-lesion Modifier	Modificateur lié à une « non lésion »
DCM		112075	Non-Target Lesion at Baseline	Lésion « non cible » à T0
DCM		112045	Non-Target Lesion Complete Response	Disparition des lésions « non cibles »
DCM		112046	Non-Target Lesion Incomplete Response or Stable Disease	Réponse partielle ou maladie stable sur lésions « non cibles »
DCM		112047	Non-Target Lesion Progressive Disease	Progression sur lésions « non cibles »
DCM		111251	Normal axillary node	Ganglion axillaire normal
DCM		111287	Normal breast tissue	Tissu mamaire normal
DCM		111140	Normal interval follow-up	Intervalle normal de surveillance
SNM3		M-02000	Normal shape	Forme normale

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DCM		111244	Not all algorithms succeeded; with findings	Certains algorithmes n'ont pas réussi ; avec élément découvert
DCM		111243	Not all algorithms succeeded; without findings	Certains algorithmes n'ont pas réussi ; sans élément découvert
DCM		111225	Not Attempted	Non traité
DCM		111152	Not for Presentation: Rendering device expected not to present	Pas de présentation
DCM		111038	Number of calcifications	Nombre de calcifications
DCM		121082	Nurse	Infirmière
DCM		111039	Object type	Type d'objet
SRT		G-A472	Oblique	Oblique
SRT	1.1	F-01743	Obscured lesion	Lésion masquée
DCM		111322	Occult carcinoma presenting with axillary lymph node metastases	Carcinome occulte révélé par des métastases axillaires
DCM		113000	Of Interest	Interressant
DCM		111290	Oil cyst (fat necrosis cyst)	Cytostéatonécrose kystisée
DCM		111138	Old films for comparison	Clichés antérieurs pour comparaison
DCM		112060	Oligemia	Oligémie
SNM3		G-A103	One-sided	Situé d'un seul côté
DCM		112001	Opacity	Opacité Note: Typically used with projection chest X-ray
DCM		112027	Opacity Descriptor	Descripteur de l'opacité
DCM		112014	Orientation Descriptor	Descripteur de l'orientation
DCM		111040	Original Source	Source originelle
DCM		112053	Osseous	Osseux
DCM		112038	Osseous Modifier	Modificateur lié à une structure osseuse
SRT		F-12100	Ossification	Ossification
SNM3		M-91803	Osteogenic sarcoma	Ostéosarcome
DCM		121102	other	Autre
DCM		111220	Other failure	Autre défaillance
DCM		111175	Other Marker	Autre marqueur
SNM3		G-A112	Outer	En dehors
DCM		111041	Outline	Contours
DCM		111212	Over exposed	Sur-exposé
DCM		111234	Overall Impression / Recommendation Analysis	Analyse de l'Impression / ecommandation globale

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SNM3	3.4	M-02120	Ovoid shape (Oval)	Forme ovale (Ovale)
SNM3		A-11101	Pacemaker	Stimulateur cardiaque
SNM3		A-10042	Compression paddle	Palette de compression
SNM3		M-85403	Paget's disease, mammary (of the nipple)	Maladie de Paget du mamelon
DCM		112176	Pancreatic stent	Stent pancréatique
SNM3		M-80503	Papillary carcinoma (invasive)	Carcinome papillaire infiltrant
SNM3		M-80502	Papillary carcinoma in-situ	Carcinome papillaire in-situ
SNM3		M-80500	Papilloma	Papillome
DCM		112091	Paraspinal line	Ligne paravertébrale
DCM		112112	Parenchymal band	Bande parenchymateuse
DCM		111223	Partially Succeeded	Succès partiel
DCM		121210	Path	Tracé
DCM		121211	Path length	Longueur du tracé
DCM		111042	Pathology	Pathologie
DCM		111043	Patient Orientation Column	Colonne concernant l'orientation du patient
DCM		111044	Patient Orientation Row	Ligne concernant l'orientation du patient
SRT		T-D2236	Pectoral girdle	Ceinture pectorale
DCM		111045	Pectoral Muscle Outline	Contour du muscle pectoral
SRT		T-14110	Pectoralis major muscle	Muscle grand pectoral
SRT		T-14120	Pectoralis minor muscle	Muscle petit pectoral
SRT		T-11515	Pedicle of vertebra	Pédicule de la vertèbre
DCM		111046	Percent Glandular Tissue	Pourcentage de tissu glandulaire
DCM		112185	Performance of CT for Detection of Pulmonary Embolism in Adults	Le scanner dans les embolies pulmonaires de l'adulte, ACR
DCM		112186	Performance of High-Resolution CT of the Lungs in Adults	Le scanner thoracique haute résolution de l'adulte, ACR
DCM		112035	Performance of Pediatric and Adult Chest Radiography, ACR	Les radiographies thoraciques de l'enfant et de l'adulte, ACR
DCM		112184	Performance of Pediatric and Adult Thoracic CT	Le scanner thoracique de l'enfant et de l'adulte, ACR
DCM		121094	Performing	Réalisateur de l'examen
SRT		T-46210	Pericardiophrenic Artery	Artère péricardo-phrénique
SRT		G-A197	Perimeter	Périmètre
DCM		121213	Perimeter Outline	Délimitation du périmètre
SNM3		G-A111	Peripheral	Périphérique
SRT		G-A111	Peripheral	Périphérique

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DCM		111299	Peripheral duct papillomas	Papillomes périphériques
SRT		G-A195	Perpendicular Axis	Axe orthogonal
DCM		112123	Phantom tumor (pseudotumor)	Image pseudo-tumorale
SNM3		M-90201	Phyllodes tumor	Tumeur phyllode
SNM3		M-90203	Phyllodes tumor, malignant	Sarcome phyllode (Cystosarcome phyllode malin)
DCM		121081	Physician	Médecin
SRT		A-12024	Pin	Epingle
SNM3		M-97313	Plasmacytoma	Plasmocytome
SRT		D2-60302	Plate-like atelectasis	Atélectasie plane
SNM3		M-89400	Pleomorphic adenoma	Adénome pléomorphe
DCM		112081	Pleonemia	Hypervascularisation
SRT		T-29000	Pleural structure	Plèvres
SRT		D2-81180	Pneumomediastinum	Pneumomédiastin
SRT		D2-80300	Pneumothorax	Pneumothorax
SRT		R-428E7	Poorly defined	Mal définies
DCM		112141	Poorly demarcated	Mal délimité
DCM		112172	Portacath	Chambre de perfusion implantable
DCM		112011	Positioner Primary Angle	Angle de positionnement primaire
DCM		112012	Positioner Secondary Angle	Angle de positionnement secondaire
DCM		111209	Positioning	Positionnement
DCM		111291	Post reduction mammoplasty	Mammoplastie après réduction
SNM3		G-A120	Postaxial	Postaxial
SNM3		G-A106	Posterior	Postérieur
SNM3		G-A106	Posterior	Postérieur
DCM		112089	Posterior junction line	Ligne médiastinale postérieure
SRT		T-28220	Posterior segment of right upper lobe	Segment postérieur du lobe supérieur droit
DCM		112092	Posterior tracheal stripe	Bande trachéale postérieure
SNM3		G-A182	Posterolateral	Postéro-latéral
SNM3		G-A121	Preaxial	Pré-axial
DCM		111151	Presentation Optional: Rendering device may present	Présentation optionnelle
DCM		111150	Presentation Required: Rendering device is expected to present	Présentation requise
DCM		121069	Previous Finding	Résultat antérieur
DCM		121068	Previous Findings	Résultats antérieurs

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DCM		112059	Primary complex	Complexe primaire
DCM		110008	Print	
DCM		121066	Prior Procedure Descriptions	Description de la procédure précédente
DCM		111047	Probability of cancer	Probabilité de cancer
DCM		121065	Procedure Description	Description de la procédure
SNM3		G-A140	Profundis	Profondeur
DCM		112151	Profusion	Profusion
SNM3		F-10310	prone	Procubitus
SRT		A-04000	Prosthesis	Prothèse
SNM3		G-A118	Proximal	Proximal
DCM		111292	Pseudoangiomatous stromal hyperplasia	Hyperplasie stromale pseudo-angiomateuse
DCM		112068	Pseudoplaque	Pseudo-plaque
SRT		T-44000	Pulmonary artery	Artère pulmonaire
SRT		D3-40230	Pulmonary embolism	Embolie pulmonaire
SRT		T-44100	Pulmonary trunk	Tronc artériel pulmonaire
SRT		T-48500	Pulmonary vein	Veine pulmonaire
SRT	1.1	F-01767	Punctate calcification	Calcification punctiforme régulière
DCM		111048	Quadrant location	Localisation du quadrant
DCM		111049	Qualitative Difference	Différence qualitative
DCM		111050	Quality Assessment	Évaluation de la qualité
DCM		110002	Quality Control	
DCM		111051	Quality Control Standard	Standard de contrôle de qualité
DCM		111052	Quality Finding	Critère de qualité
DCM		113010	Quality Issue	Problème de qualité
SNM3		M-78731	Radial scar	Cicatrice radiaire
DCM		121084	Radiographer	Manipulateur (rice)
DCM		112005	Radiographic anatomy	Radio-anatomie
LN		11528-7	Radiology Report	Compte rendu radiologique
SNM3		G-A196	Radius	Rayon
DCM		112022	RECIST	Critères d'évaluation de la réponse tumorale (tumeurs solides)
DCM		121075	Recommendation	Recommandation
DCM		121074	Recommendations	Recommandations
DCM		111053	Recommended Follow-up	Surveillance recommandée
DCM		111054	Recommended Follow-up Date	Date recommandée de surveillance
DCM		111055	Recommended Follow-up Interval	Intervalle recommandé de surveillance

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DCM		121097	Recording	Qui fait le compte rendu
SNM3		F-10450	recumbent	Couché
DCM		111338	Recurrent malignancy	Cancer récidivant
DCM		121095	Referring	Médecin référent
SRT	1.1	F-01773	Regional calcification distribution	Distribution régionale des calcifications
DCM		121087	Registrar	Secrétaire
DCM		113001	Rejected for Quality Reasons	Rejetées pour des motifs de qualité
SRT	1.1	F-0172A	Removal of implant since previous mammogram	Exérèse de la prothèse mammaire depuis la mammographie précédente
DCM		111056	Rendering Intent	Intention d'insertion
DCM		110007	Report Verification	
DCM		121062	Request	Demande
DCM		121096	Requesting	Médecin demandeur
DCM		121086	Resident	Résident
DCM		112020	Response Evaluation	Evaluation de la réponse
DCM		112021	Response Evaluation Method	Méthode d'évaluation de la réponse
DCM		112113	Reticular pattern	Aspect réticulaire
DCM		112065	Reticulonodular pattern	Aspect réticulo-nodulaire
SRT		T-11300	Rib	Côte
DCM		112096	Rib Scalene Tubercle	Tubercule scalénique de la première côte
SNM3		G-A100	Right	Droit
SNM3		G-A102	Right and left	Droit et gauche
SNM3		T-04020	Right breast	Sein droit
SNM3		G-A100	Right lateral	Latéral droit
SNM3		F-10317	right lateral decubitus	Décubitus latéral droit
SRT		T-26100	Right main bronchus	Bronche principale droite
DCM		112093	Right tracheal stripe	Bande paratrachéale droite
SNM3		R-102D3	Rolled Lateral	Roulé externe
SNM3		R-102D4	Rolled Medial	Roulé interne
SNM3	3.4	M-02100	Round shape	Ronde
SRT	1.1	F-01768	Round shaped calcification	Calcification ronde
SNM3		G-A145	Sagittal	Sagittal
SRT		T-13450	Scalenous anterior muscle	Muscle scalène antérieur
SRT		T-12280	Scapula	Scapula
DCM		112101	Scapular Infraspinatus Fossa	Fosse sous épineuse
DCM		112099	Scapular Spine	Epine de l'omoplate

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DCM		112100	Scapular Supraspinatus Fossa	Fosse sus épineuse
SNM3		M-78060	Scar tissue	Tissu cicatriciel
SRT	1.1	F-01712	Scattered fibroglandular densities	Opacités fibro-glandulaires éparses
SNM3		M-74220	Sclerosing adenosis	Adénose sclérosante
DCM		111057	Scope of Feature	Champ des caractéristiques
DCM		112054	Secondary pulmonary lobule	Lobule pulmonaire secondaire
SNM3		M-85023	Secretory (juvenile) carcinoma of the breast	Carcinome mammaire sécrétoire (juvénile)
SRT		T-280D0	Segment of lung	Segment du poumon
SRT		G-A137	Segmental	Segmentaire
SRT	1.1	F-01774	Segmental calcification distribution	Segmentaires
DCM		111099	Selected region	Région sélectionnée
DCM		111058	Selected Region Description	Description de la région sélectionnée
SNM3		F-10460	semi-erect	Semi-couché
SNM3		F-10316	semi-prone	Semi-procubitus
DCM		112114	Septal line(s)	Ligne(s) septale(s)
DCM		112002	Series Instance UID	Identificateur unique d'instance de série
SNM3		M-36050	Seroma	Lymphocèle
SRT		T-14140	Serratus anterior muscle	Muscle dentelé antérieur
SRT		G-A003	Severe	Sévère
SRT		G-C197	Severity	Gravité
DCM		112124	Shadow	Image
SRT		T-11309	Shaft of rib	Corps de la côte
SNM3		M-020F9	Shape	Forme
DCM		112137	Sharply defined	A limites nettes
DCM		112140	Sharply demarcated	Très nettement délimité
SNM3		G-A186	Short Axis	Petit axe
SNM3		M-84903	Signet ring cell carcinoma	Carcinome à cellules en bague à chaton
DCM		112069	Signet-ring sign	Signe de la bague à châton
DCM		112152	Silhouette sign	Signe de la silhouette
DCM		111296	Silicone granuloma	Granulome au silicone
DCM		111059	Single Image Finding	Elément présent sur une seule image
DCM		112024	Single Image Finding Modifier	Modificateur lié à une anomalie visible sur une seule image
DCM		112008	Site involvement	Site atteint
SNM3		F-103A0	sitting	Assis

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DCM		112025	Size Descriptor	Descripteur de la taille
SNM3		D0-00050	Skin lesion	Lésion cutanée
SRT	1.1	F-01799	Skin retraction of breast	Rétraction cutanée du sein
SRT	1.1	F-0179A	Skin thickening of breast	Épaississement cutané du sein
SRT		R-404A8	Small	Petit
DCM		112125	Small irregular opacities	Petites opacités irrégulières
DCM		112126	Small rounded opacities	Micro-nodules
DCM		112144	Soft tissue	Tissus mous
DCM		111218	Software failure	Défaillance logicielle
SRT	1.1	P5-B3402	Spatial collocation analysis	Analyse de colocalisation spatiale
SRT	1.1	P5-B3404	Spatial proximity analysis	Analyse de proximité spatiale
DCM		112136	Spiculated	Spiculée
SRT	1.1	F-01745	Spiculated lesion	Lésion spiculée
SRT		T-14050	Spinalis muscle	Muscles spinaux
SNM3		M-78190	Spindle cell nodule (tumor)	Nodule (tumeur) à cellules fusiformes
SRT		T-11500	Spine	Rachis
SRT		T-11512	Spinous process of vertebra	Apophyse épineuse de la vertèbre
SNM3		R-102D7	Spot Compression	Compression localisée
SNM3		R-102D7	Spot compression	Compression localisée
DCM		111136	Spot magnification view(s)	Agrandissement localisé
SNM3		M-80703	Squamous cell carcinoma	Carcinome épidermoïde
DCM		111340	Squamous cell carcinoma of the nipple	Carcinome épidermoïde du mamelon
UCUM		cm2	Square centimeter	Centimètre carré
UCUM		um2	Square micrometer	Micromètre carré
UCUM		mm2	Square millimeter	Millimètre carré
DCM		112183	Standard Deviation of Attenuation Coefficient	Ecart-type des coefficients d’atténuation
SNM3		F-10320	standing	En position verticale
SNM3		A-13600	Staple	Agrafe
SRT		T-11221	Sternal angle	Angle sternal
SRT		T-13310	Sternocleidomastoid muscle	Muscle sterno-cleïdo-mastoïdien
SRT		T-11210	Sternum	Sternum
SNM3		F-10390	stooped-over	Penché en avant
DCM		112094	Stripe	Bande
DCM		111060	Study Date	Date de l’étude
DCM		111061	Study Time	Heure de l’étude

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SRT		G-A561	Subacute	Subaigu
SRT	1.1	F-0178D	Subareolar position	Situation rétroaréolaire
SNM3		G-A172	Subcapsular	Sous-capsulaire
SRT		T-46100	Subclavian artery	Artère subclavière
SRT		T-48330	Subclavian vein	Veine subclavière
SRT		T-14166	Subcostal muscle	Muscle subcostal
DCM		112153	Subpleural	Sous-pleural
DCM		112115	Subpleural line	Ligne sous-pleurale
DCM		112098	Subscapular Fossa	Fosse subscapulaire
SRT		T-13650	Subscapularis muscle	Muscle subscapulaire
DCM		111222	Succeeded	Succès
DCM		111062	Successful Analyses	Analyses réussies
DCM		111063	Successful Detections	Procédures de détection réussies
DCM		111146	Suggestive of malignancy – take appropriate action	Évocateur de malignité, une action appropriée doit être entreprise
DCM		111065	Summary of Analyses	Résumé des analyses
DCM		111064	Summary of Detections	Résumé des procédures de détections
SNM3		G-A139	Superficial	Superficiel
SNM3		G-A116	Superior	Supérieur
SRT		T-116EE	Superior articular facet of axis	Facette articulaire supérieure de l’axis
SRT		T-1153E	Superior articular process of vertebra	Massif articulaire supérieur
SRT		T-46350	Superior phrenic artery	Artère phrénique supérieure
SRT		T-48610	Superior vena cava	Veine cave supérieure
SNM3		R-102D0	superolateral to inferomedial oblique	Supérolatéral vers inféromédial oblique
SNM3		F-10340	supine	Décubitus
SRT		T-13610	Supraspinatus muscle	Muscle supraépineux
SNM3		T-11218	Suprasternal notch	Creux sus-sternal
SNM3		G-A168	Surface	Surface
SNM3		A-13510	Suture material	Matériel de suture
SRT		G-A572	Systemic	Systémique
SRT		T-4000E	Systemic vascular structure	Structure vasculaire systémique
SNM3		R-102C2	Tangential	Tangentiel
DCM		112162	Target	« cible »
DCM		111155	Target content items are related contra-laterally	Les items de contenu sont situés de façon controlatérale
DCM		111154	Target content items are related spatially	Les items de contenu sont reliés spatialement

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DCM		111153	Target content items are related temporally	Les items de contenu sont reliés temporellement
DCM		112074	Target Lesion at Baseline	Lésion « cible » à T0
DCM		112041	Target Lesion Complete Response	Réponse complète sur lésions « cibles »
DCM		112042	Target Lesion Partial Response	Réponse partielle sur lésions « cibles »
DCM		112043	Target Lesion Progressive Disease	Progression de la maladie sur lésions « cibles »
DCM		112044	Target Lesion Stable Disease	Maladie stable sur ésions « cibles»
DCM		111194	Technical factors missing	Paramètres techniques absents
DCM		121083	Technologist	Technicien
SRT	1.1	P5-B3406	Temporal correlation	Corrélation temporelle
SRT		T-13640	Teres major muscle	Muscle grand rond
SRT		T-13630	Teres minor muscle	Muscle petit rond
DCM		112010	Texture Descriptor	Descripteur de la texture
SRT		T-C6510	Thoracic Duct	Canal thoracique
DCM		112032	Threshold Attenuation Coefficient	Valeur de coefficient d'atténuation seuil
SNM3		D3-87780	Thrombophlebitis of breast (Mondor's disease)	Thrombophlébite du sein (maladie de Mondor)
SRT		T-C8000	Thymus Gland	Thymus
SRT		T-46130	Thyrocervical trunk	Tronc thyro-bicervico-scapulaire
SRT		T-B6000	Thyroid	Thyroïde
DCM		111239	Title 21 CFR Section 900, Subpart B	*Note: Applicable only for mass screening. Not yet applicable for other case of practice but work in progress in France.*
DCM		112133	Too small	Trop petit
SRT		T-32423	Trabeculae carnae	Piliers du ventricule
SRT	1.1	F-01798	Trabecular thickening of breast	Épaississement trabéculaire du sein
SRT		T-25000	Trachea	Trachée
SRT		P1-26100	Tracheotomy	Trachéotomie
DCM		112039	Tracking Identifier	Identifiant d'anomalie
DCM		112040	Tracking Unique Identifier	Identifiant unique d'anomalie
DCM		112116	Tramline shadow	Image en rail
DCM		110006	Transcription (task)	
DCM		110012	Transcription (type of output)	

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SNM3		G-A117	Transverse	Transverse
SRT		T-11513	Transverse process of vertebra	Apophyse transverse de la vertèbre
SRT		T-141A5	Transversus thoracis	Muscle transverse du thorax
SRT		T-14171	Trapezius muscle	Muscle trapèze
DCM		112127	Tree-in-bud sign	Signe de l'arbre en bourgeons
SNM3		F-10348	Trendelenburg	Trendelenburg
SRT		T-35100	Tricuspid Valve	Valve atrioventriculaire droite
SRT		T-11304	Tubercle of rib	Tubercule de la côte
SNM3		M-82113	Tubular adenocarcinoma	Carcinome tubuleux
SNM3		M-82110	Tubular adenoma	Adénome tubuleux
SRT	1.1	F-01797	Tubular density	Opacité tubulaire
DCM		112117	Tubular shadow	Image tubulée
DCM		112009	Type of Content	Type de contenu
SRT	1.1	P5-B0099	Ultrasound procedure	Procédure échographique
LN		18760-9	Ultrasound Report	Compte rendu d'échographie
DCM		111211	Under exposed	Sous-exposé
SNM3		G-A103	Unilateral	Unilatéral
SRT		G-A103	Unilateral	Unilatéral
DCM		111221	Unknown failure	Défaillance inconnue
DCM		111176	Unspecified	Non spécifié
DCM		112187	Unspecified method of calculation	Méthode de calcul non spécifiée
DCM		111235	Unusable — Quality renders image unusable	Inexploitable — La qualité rend l'image inexploitable
SNM3		G-A116	Upper	En haut
SRT		T-D4001	Upper abdomen	Abdomen supérieur
SRT	1.0	T-04002	Upper inner quadrant of breast	Quadrant supéro-interne du sein
SNM3		T-04002	Upper inner quadrant of breast, NOS	Quadrant supéro-interne du sein, SAI
SRT		T-28820	Upper lobe of lung	Lobe supérieur du poumon
SRT	1.0	T-04004	Upper outer quadrant of breast	Quadrant supéro-externe du sein
SNM3		T-04004	Upper outer quadrant of breast, NOS	Quadrant supéro-externe du sein, SAI
SRT		D-3208	Upper zone of lung	Zone supérieure du poumon
SRT		A-11C08	Ureteric stent	Stent urétral
DCM		111236	Usable — Does not meet the quality control standard	Exploitable — Ne répond pas aux standards de contrôle de qualité
DCM		111237	Usable — Meets the quality control standard	Exploitable — Répond aux standards de contrôle de qualité

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SRT	1.1	F-0176B	Vascular calcification	Calcification vasculaire
DCM		112077	Vasoconstriction	Vasoconstriction
DCM		112078	Vasodilation	Vasodilatation
SRT		A-14611	Vena cava filter	Filtre cave
SNM3		G-A105	Ventral	Ventral
SRT		T-32400	Ventricle	Ventricule
DCM		121098	Verifying	Qui vérifie
SRT		T-11510	Vertebra	Vertèbre
SRT		T-45700	Vertebral artery	Artère vertébrale
SRT		T-1151F	Vertebral canal	Canal vertébral
SRT		T-11531	Vertebral foramen	Foramen intervertébral
DCM		112097	Vertebral Intervertebral Notch	Trou des apophyses transverses cervicales
SNM3		G-A144	Vertical	Vertical
SRT		G-A144	Vertical	Vertical
DCM		111066	Vertical Imager Pixel Spacing	Espacement vertical des pixels de l'imageur
DCM		112132	Very small	Très petit
DCM		111179	View and Laterality Marker does not have approved codes	n.a.
DCM		111178	View and Laterality Marker does not have both view and laterality	Le marquage n'indique ni l'incidence ni le côté
DCM		111183	View and Laterality Marker is incorrect	Le marquage est incorrect
DCM		111177	View and Laterality Marker is missing	Marquage absent
DCM		111180	View and Laterality Marker is not near the axilla	Le marquage n'est pas près de l'aisselle
DCM		111184	View and Laterality Marker is off image	Le marquage est en dehors du film
DCM		111182	View and Laterality Marker is partially obscured	Le marquage est partiellement masqué
DCM		111181	View and Laterality Marker overlaps breast tissue	Le marquage chevauche le sein
DCM		111298	Virginal hyperplasia	Hypertrophie juvénile
SNM3		G-D705	Volume	Volume
DCM		121216	Volume estimated from single 2D region	Volume estimé à partir d'une seule région 2D
DCM		121217	Volume estimated from three or more non-coplanar 2D regions	Volume estimé à partir de trois régions 2D non coplanaires ou plus
DCM		121218	Volume estimated from	Volume estimé à partir de

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			two non-coplanar 2D regions	deux régions 2D non coplanaires
DCM		121219	Volume of bounding three dimensional region	Volume d'une région tridimensionnelle de forme quelconque
DCM		121220	Volume of circumscribed sphere	Volume de la sphère circonscrite
DCM		121221	Volume of ellipsoid	Volume d'un éllipsoïde
DCM		121222	Volume of sphere	Volume d'une sphère
DCM		112056	Volume scoring method	Score de calcification coronaire basé sur le volume de chaque calcification
UCUM		wk	week	Semaine
UCUM	1.4	wk	Week	Semaine
SRT		R-40771	Well defined	Bien définie
DCM		112139	Well demarcated	Bien délimité
DCM		112029	WHO	OMS
SNM3		G-A220	Width	Largeur
DCM		112026	Width Descriptor	Descripteur de la largeur
SRT		T-11227	Xiphoid process of sternum	Appendice xiphoïde
UCUM		a	year	Année
UCUM	1.4	a	Year	Année

Note: 1. Therapy could be translated as « thérapeutique » as well as « traitement ». There is an issue with the word « traitement » because it is the same word used for image processing. To avoid any ambiguity we have chosen the word « thérapeutique » which is less used in common language.

The following table provides a mapping of pathology codes used in DICOM, to ADICAP (L'association pour le Développement de l'Informatique en Anatomie et Cytologie Pathologiques).

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning French Language	Equivalent ADICAP Code
SNM3		M-55160	(Tumeur) amyloïde	5310
SNM3		M-83240	Adénolipome	A0L2
DCM		111258	Adénome ductal	A0B2
SNM3		M-82040	Adénome lactant	A0M2
SNM3		M-89400	Adénome pléomorphe	A0R8
SNM3		M-82110	Adénome tubuleux	A0P1
DCM		111250	Adénomyoépithéliome	A0A0
SNM3		M-74200	Adénose	6772
DCM		111284	Adénose microglandulaire	6772
SNM3		M-74220	Adénose sclérosante	6772
SNM3		M-88610	Angiolipome	L0P1

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning French Language	Equivalent ADICAP Code
SNM3		M-76100	Angiomatose	V0C0
SNM3		M-91203	Angiosarcome (hémangiosarcome)	V7A0
SNM3		M-84803	Carcinome (mucineux) colloïde	A7N4
SNM3		M-82003	Carcinome adénoïde kystique (cylindrome)	A7X6
SNM3		M-84013	Carcinome apocrine	A7K6
DCM		111307	Carcinome basocellulaire du mamelon	B7A0
SNM3		M-85003	Carcinome canalaire infiltrant	A7A0
DCM		111340	Carcinome épidermoïde du mamelon	E7A0
DCM		111341	Carcinome intracanalaire	A5B2
SNM3		D7-F0A02	Carcinome lobulaire in situ mammaire	A5B0
SNM3		M-85203	Carcinome lobulaire infiltrant	A7B1
SNM3		M-85023	Carcinome mammaire sécrétoire (juvénile)	A7N7
SNM3		M-85103	Carcinome médullaire	A7X2
SNM3		M-85733	Carcinome métaplasique	A7W0
SNM3		M-80503	Carcinome papillaire infiltrant	A7C6
SNM3		M-82113	Carcinome tubuleux	A7F0
SNM3		M-92200	Chondrome	C0A0
SNM3		M-92203	Chondrosarcome	C7A0
SNM3		M-78731	Cicatrice radiaire	6773
SNM3		D7-90434	Cytostéatonécrose mammaire	5230
SNM3		M-78800	Fibomatose	F0F0
SNM3		M-90100	Fibroadénome	A0P2
SNM3		M-90300	Fibroadénome juvénile	A0P2
SNM3		M-88103	Fibrosarcome	F7A0
SNM3		D7-90370	Galactophorite ectasiante mammaire (ectasie canalaire mammaire)	6546
SNM3		D7-90420	Gynécomastie	6551
SNM3		M-75500	Hamartome	D0S0
SNM3		M-91200	Hémangiome	V0A0
SNM3		D3-F0620	Hémangiome sous-cutané non parenchymateux	V0A0
SNM3		M-91220	Hémangiome veineux	VOA8
SNM3		M-91501	Hémangiopéricytome	V0K0
SNM3		M-72170	Hyperplasie canalaire	6712

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning French Language	Equivalent ADICAP Code
SNM3		M-72175	Hyperplasie intracanalaire atypique	6830
SNM3		M-72105	Hyperplasie lobulaire atypique	6840
SNM3		D7-90428	Hyperplasie lobulaire mammaire	6721
DCM		111298	Hypertrophie juvénile	6080
SNM3		D7-90452	Infarctus mammaire	4710
SNM3		M-40000	Infection	7140
SNM3		D7-90360	Kyste du sein	6544
SNM3		M-88900	Léiomyome	L0A0
SNM3		M-88903	Léiomyosarcome	L7A0
SNM3		M-88500	Lipome	L0L0
SNM3		M-95913	Lymphome non hodgkinien	K7G0
SNM3		M-96503	Maladie de Hodgkin	K7A0
SNM3		M-85403	Maladie de Paget du mamelon	A7B7
DCM		111259	Mastopathie diabétique	5010
DCM		111334	Mélanome malin du mamelon	M7A0
SNM3		M-95400	Neurofibrome	N0L0
SNM3		M-91803	Ostéosarcome	Q7A0
SNM3		M-80500	Papillome	A0P4 (unique), A0S4 (multiple)
SNM3		M-97313	Plasmocytome	K7M0
SNM3		M-44140	Réaction à corps étranger	7440
SNM3		M-90203	Sarcome phyllode (Cystosarcome phyllode malin)	A7P6
SNM3		M-95800	Tumeur à cellules granuleuses	X0H4
SNM3		M-90201	Tumeur phyllode	A0P6

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Annex F
Japanese Translations of Selected Codes used in the DCMR (Normative)

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
BI	3.0	II.AC.a	0 - Need additional imaging evaluation	０－追加撮影が必要
BI	3.0	II.AC.b.1	1 – Negative	１－異常なし
SRT	1.1	F-01781	1 o'clock position	1時
SRT	1.1	F-0178A	10 o'clock position	１０時
SRT	1.1	F-0178B	11 o'clock position	１１時
SRT	1.1	F-0178C	12 o'clock position	１２時
BI	3.0	II.AC.b.2	2 – Benign Finding	２－良性所見
SRT	1.1	F-01782	2 o'clock position	2時
BI	3.0	II.AC.b.3	3 – Probably Benign Finding – short interval follow-up	３－良性―しかし悪性を否定できず所見―短い間隔での経過観察が必要
SRT	1.1	F-01783	3 o'clock position	3時
BI	3.0	II.AC.b.4	4 – Suspicious abnormality, biopsy should be considered	４－悪性の疑い、生検を考慮
SRT	1.1	F-01784	4 o'clock position	4時
BI	3.0	II.AC.b.5	5 - Highly suggestive of malignancy, take appropriate action	５－悪性、適切な処置が必要
SRT	1.1	F-01785	5 o'clock position	5時
SRT	1.1	F-01786	6 o'clock position	６時
SRT	1.1	F-01787	7 o'clock position	７時
SRT	1.1	F-01788	8 o'clock position	８時
SRT	1.1	F-01789	9 o'clock position	９時
SNM3		M-41610	Abscess	
DCM		111135	Additional projections	追加撮影（P）
SNM3		M-82003	Adenoid cystic carcinoma	嚢胞腺癌
SNM3		M-83240	Adenolipoma	腺脂肪腫
SNM3		M-81400	Adenoma	
SNM3		M-89830	Adenomyoepithelioma	腺筋上皮腫
SNM3		M-74200	Adenosis	腺症
DCM		111001	Algorithm Name	アルゴリズム 名
DCM		111002	Algorithm Parameters	アルゴリズム・パラメータ

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111003	Algorithm Version	アルゴリズム・バージョン（版番号）
DCM		111242	All algorithms succeeded; with findings	全てのアルゴリズムが成功；所見あり
DCM		111241	All algorithms succeeded; without findings	全てのアルゴリズムが成功；所見なし
SRT	1.1	F-01711	Almost entirely fat	脂肪性
SRT	1.1	F-0176C	Amorphous calcification	淡く不明瞭な
SNM3		M-55160	Amyloid (tumor)	アミロイド腫瘍
DCM		111004	Analysis Performed	解析済みの
SNM3		M-88610	Angiolipoma	血管脂肪腫
SNM3		M-76100	Angiomatosis	血管腫症
SNM3		M-91203	Angiosarcoma	血管肉腫
SNM3		G-A105	Anterior	前方の
DCM		111141	Any decision to biopsy should be based on clinical assessment	臨床評価に基づいた生検の適応決定（D）
SNM3		M-84013	Apocrine adenocarcinoma	アポクリン癌
SNM3		M-73310	Apocrine Metaplasia	
SRT	1.1	F-01795	Architectural distortion of breast	乳房の構築の乱れ
DCM		111215	Artifact(s) other than grid or detector artifact	検出器のアーチファクト以外のアーチファクト
DCM		111005	Assessment Category	カテゴリー評価
SRT	1.1	F-01793	Asymmetric breast tissue	非対称性乳房組織
SRT	1.1	P5-B3412	Asymmetric breast tissue analysis	非対称性乳房組織解析
SNM3		F-8A063	Asynchronous involution of breast	乳房の非同期性退縮
SNM3		M-72175	Atypical intraductal hyperplasia	異型性乳管過形成；異型性乳管内過形成
SNM3		M-72105	Atypical lobular hyperplasia	異型性小葉過形成
SRT	1.1	F-01794	Axilla position	
BI	3.0	I.E.6	Axillary adenopathy	腋窩リンパ節腫大
DCM		111301	Axillary nodal metastases	
DCM		111253	Axillary node hyperplasia	

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111252	Axillary node with calcifications	
DCM		111300	Axillary node with lymphoma	
SRT	1.1	F-0178E	Axillary tail position	腋窩稜：乳腺の腋窩稜（C'領域）
DCM		111307	Basal cell carcinoma of the nipple	乳頭の基底細胞癌
SNM3		A-32475	BB shot (Lead Pellet)	鉛小球；BBマーカー
DCM		111256	Benign Calcifications	
DCM		111255	Benign cyst with blood	
SNM3		D7-F0810	Benign neoplasm of nipple of female breast (Nipple adenoma)	
DCM		111143	Biopsy should be considered	要生検（B）
DCM		111148	Biopsy should be strongly considered	
DCM		111303	Blood vessel (vascular) invasion	
SNM3		T-04080	Both breasts	両側：両側乳房
SRT	1.1	F-01710	Breast composition	乳房の構成
SRT	1.1	P5-B3414	Breast composition analysis	乳房の構成の解析
DCM		111100	Breast geometry	乳房の形状
SNM3		D7-90428	Breast lobular hyperplasia	小葉過形成：乳腺小葉過形成
DCM		111007	Breast Outline including Pectoral Muscle Tissue	胸筋組織を含む乳房の輪郭
SNM3		A-32110	Bullet	マーカー
DCM		111017	CAD Processing and Findings Summary	CAD処理と所見の要約
SRT	1.1	F-01775	Calcification Cluster	石灰化の集簇
DCM		111008	Calcification Distribution	石灰化の分布
DCM		111009	Calcification Type	石灰化のタイプ
SRT	1.1	F-01769	Calcified skin of breast	皮膚；乳房の皮膚
SRT	1.1	F-0176A	Calcified suture material	
DCM		111304	Carcinoma in children	小児乳癌
DCM		111305	Carcinoma in ectopic breast	副乳の乳癌
DCM		111310	Carcinoma in pregnancy and lactation	妊娠・授乳期乳癌

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SNM3		D7-F0902	Carcinoma in situ of male breast	男性乳癌
DCM		111306	Carcinoma with endocrine differentiation	内分泌分化を伴う癌
SNM3		M-85733	Carcinoma with metaplasia	化生を伴う癌
SNM3		M-89803	Carcinosarcoma	
DCM		111309	Cartilaginous and osseous change	
SNM3		A-26800	Catheter	カテーテル
DCM		111203	CC Nipple not centered on image	頭尾方向撮影 乳頭が画像の中央にない
DCM		111202	CC Not all medial tissue visualized	頭尾方向撮影 内側組織が十分見えていない
DCM		111204	CC Posterior nipple line does not measure within 1 cm of MLO	頭尾方向撮影 乳頭後方線が内外斜位方向の１ｃｍ以内に計測できない
DCM		111010	Center	中心部
SRT	1.1	F-0178F	Central portion of breast position	中央部：乳腺の中央部
DCM		111011	Certainty of Feature	特徴の確信度
DCM		111012	Certainty of Finding	所見の確信度
DCM		111013	Certainty of Impression	インプレッションの確信度
SNM3		M-92200	Chondroma	軟骨腫
SNM3		M-92203	Chondrosarcoma	軟骨肉腫
SRT	1.1	F-01741	Circumscribed lesion	境界明瞭平滑
SNM3		A-12062	Clip	クリップ
DCM		111014	Clockface or region	時計表示あるいは領域
SRT	1.1	F-01761	Coarse (popcorn-like) calcification	粗大（ポップコーン状）
DCM		111195	Collimation too close to breast	コリメーションが乳房に近すぎる
SNM3		A-1044	Collimator	コリメータ
SNM3		M-85012	Comedocarcinoma (intraductal)	
DCM		111015	Composite Feature	乳房の構成の特徴
DCM		111016	Composite type	乳房の構成のタイプ
DCM		111018	Content Date	記録日
DCM		111019	Content Time	記録時間
SNM3		C-B0300	Contrast agent NOS	造影剤

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SNM3		D7-90360	Cyst of breast	嚢胞：乳腺嚢胞
DCM		111147	Cytologic analysis	細胞診（Y）
DCM		111193	Date sticker is missing	日付けステッカーがない
UCUM	1.4	d	Day	日
SRT	1.1	F-01727	Decrease in number of calcifications	石灰化の数の減少
SRT	1.1	M-02530	Decrease in size	サイズの縮小
SRT	1.1	F-01796	Mammography breast density	乳房画像の濃度
DCM		111020	Depth	深さ（三次元表示の奥行き）
DCM		111021	Description of Change	変化の記載
DCM		111022	Detection Performed	検出済みの
DCM		111214	Detector artifact(s)	検出器のアーチファクト
DCM		111259	Diabetic fibrous mastopathy	糖尿病性乳腺症
SRT	1.1	F-017B3	Difference in location	部位
SRT	1.1	F-017B7	Difference in margin	辺縁
SRT	1.1	F-017B5	Difference in number of calcifications	石灰化の数
SRT	1.1	F-017B2	Difference in opacity	濃度
SRT	1.1	F-017B6	Difference in shape	形状
SRT	1.1	F-017B1	Difference in size	大きさ
SRT	1.1	F-017B4	Difference in spatial proximity	空間的近接判定
SRT	1.1	F-017B8	Difference in symmetry	対称性
DCM		111023	Differential Diagnosis/Impression	鑑別診断/インプレッション
SRT	1.1	F-01770	Diffuse calcification distribution	びまん性／散在性
DCM		111258	Ductal adenoma	乳管腺腫
SNM3		M-72170	Ductal hyperplasia, Usual	乳管過形成；乳管内過形成
SRT	1.1	P5-40060	Mammary ductogram	乳房造影 （G）
SRT	1.1	F-01762	Dystrophic calcification	異栄養性；異栄養性石灰化
SNM3		D4-48014	Ectopic (accessory) breast tissue	
SNM3		M-36300	Edema	
SRT	1.1	F-01763	Eggshell calcification	卵殻状
DCM		111217	Electrical failure	電気系の故障
SNM3		M-33410	Epidermal inclusion cyst	

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SRT	1.1	F-01752	Equal density (isodense) lesion	等濃度
SNM3		M-88211	Extra abdomenal desmoid	
SRT	1.1	F-01714	Extremely dense	高濃度
DCM		111224	Failed	失敗
DCM		111024	Failed Analyses	解析の失敗
DCM		111025	Failed Detections	検出の失敗
SRT	1.1	F-01754	Fat containing (radiolucent) lesion	脂肪濃度を含む（X線透亮性）
SNM3		D7-90434	Fat necrosis of breast	脂肪壊死：乳房の脂肪壊死
DCM		111159	Feature detected on images from multiple modalities	多数の検査法で検出される特徴
DCM		111158	Feature detected on multiple images	多数の画像で検出される特徴
DCM		111157	Feature detected on only one of the images	１画像でのみ検出される特徴
DCM		111156	Feature detected on the only image	画像のみで検出される特徴
DCM		111264	Fibroadenolipoma	
SNM3		M-90100	Fibroadenoma	線維腺腫
DCM		111263	Fibroadenomatoid hyperplasia	線維腺腫様過形成：腺線維筋腫様過形成
SNM3		D7-90310	Fibrocystic disease of breast	
SNM3		M-78800	Fibromatosis	線維腫症
SNM3		M-88103	Fibrosarcoma	線維肉腫
DCM		111072	Finding partially removed	部分的に消失した所見
SRT	1.1	F-0176D	Fine, linear (casting) calcification	微細線状
SRT	1.1	F-0176E	Fine, linear, branching (casting) calcification	微細線状分枝状
DCM		111191	Flash doesn't include cassette/screen/detector identification	患者情報等欄にカセッテ／スクリーン/検出器名がない
DCM		111188	Flash doesn't include date of examination	患者情報等欄に検査日がない
DCM		111189	Flash doesn't include facility name and location	患者情報等欄に施設名と所在地がない

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111192	Flash doesn't include mammography unit identification	患者情報等欄に乳房撮影装置名がない
DCM		111187	Flash doesn't include patient name and additional patient id	患者情報等欄に患者の氏名および追加情報がない
DCM		111190	Flash doesn't include technologist identification	患者情報等欄に技師名がない
DCM		111186	Flash is illegible, does not fit, or is lopsided	患者情報等欄が読みにくい、大きさがあっていない、あるいは傾いている
DCM		111185	Flash is not near edge of film	患者情報等欄がフィルムの端にない
SRT	1.1	F-01792	Focal asymmetric breast tissue	局所性非対称性乳房組織
SRT	1.1	P5-B3410	Focal asymmetric density analysis	局所性非対称性陰影
SNM3		M-78266	Focal fibrosis	
DCM		111142	Follow-up at short interval (1-11 months)	短期間での経過観察（１－１１ヶ月） (F)
SNM3		M-44140	Foreign body (reaction)	異物反応
SNM3		D7-90364	Galactocele	
SNM3		M-90160	Giant fibroadenoma	
SNM3		M-83153	Glycogen-rich carcinoma	グリコーゲンに富む癌
SNM3		M-95800	Granular cell tumor	顆粒細胞腫
DCM		111208	Grid artifact(s)	グリッドのアーチファクト
SRT	1.1	F-01772	Grouped calcification distribution	集簇性
SNM3		D7-90420	Gynecomastia	女性化乳房
SNM3		M-75500	Hamartoma	過誤腫
SNM3		M-91200	Hemangioma	血管腫
SNM3		D3-F0620	Hemangioma of subcutaneous tissue	非実質性皮下組織血管腫
SNM3		M-91220	Hemangioma – venous	静脈性血管腫
SNM3		M-91501	Hemangiopericytoma	血管周皮腫
SNM3		M-35060	Hematoma	
SRT	1.1	F-0176F	Heterogeneous calcification	不均一なあるいは多形性の
SRT	1.1	F-01713	Heterogeneously dense	不均一高濃度
SRT	1.1	F-01751	High density lesion	高濃度

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111149	Highly suggestive of malignancy – take appropriate action	
DCM		111145	Histology using core biopsy	コア針生検（H）
SNM3		M-96503	Hodgkin's disease (lymphoma)	ホジキン病
DCM		111026	Horizontal Imager Pixel Spacing	イメージャの水平方向ピクセル間隔
SNM3		M-72000	Hyperplasia, usual	
SNM3		A-16016	ID Plate	IDプレート
DCM		111027	Image Laterality	画像の左右差
DCM		111028	Image Library	画像ライブラリ
DCM		111101	Image Quality	画像の品質
SRT	1.1	P5-B3408	Image quality analysis	画像の品質解析
DCM		111029	Image Quality Rating	画質のランク付
DCM		111030	Image Region	画像領域
DCM		111031	Image View	画像表示用符号変換系列
DCM		111032	Image View Modifier	画像表示用符号系列
SNM3		A-04010	Implant	インプラント
SRT	1.1	F-0172B	Implant revised since previous mammogram	インプラントの修正
DCM		111033	Impression Description	インプレッションの記載
DCM		111196	Inadequate compression	圧迫不良
DCM		111219	Inappropriate image processing	現像機の故障
SRT	1.1	F-01726	Increase in number of calcifications	石灰化の数の増加
SRT	1.1	M-02520	Increase in size	サイズの増大
SRT	1.1	F-01744	Indistinct lesion	境界不明瞭
SRT	1.1	F-01776	Individual Calcification	個々の石灰化
DCM		111233	Individual Impression / Recommendation Analysis	個々のインプレッション／推奨の解析
DCM		111034	Individual Impression/Recommendation	個々のインプレッション／推奨
SNM3		D7-90452	Infarction of breast	梗塞：乳腺の梗塞
SNM3		M-40000	Inflammation	感染
SNM3		M-85303	Inflammatory carcinoma	炎症性乳癌

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111240	Institutionally defined quality control standard	
DCM		111206	Insufficient implant displacement incorrect	インプラントの圧排不十分
DCM		111315	Intracystic papillary carcinoma	
SNM3		M-85040	Intracystic papilloma	
SNM3		M-85072	Intraductal carcinoma micro-papillary	
DCM		111341	Intraductal carcinoma, high grade	非浸潤性乳管癌：ＤＣＩＳ
DCM		111313	Intraductal carcinoma, low grade	
DCM		111312	Intraductal comedocarcinoma with necrosis	
SNM3		M-85030	Intraductal papilloma	
SNM3		T-C4351	Intra-mammary lymph node	乳房内リンパ節
DCM		111316	Invasive and in-situ carcinoma	
SNM3		M-82013	Invasive cribriform carcinoma	浸潤性篩状癌
SNM3		M-85003	Infiltrating duct carcinoma	浸潤性乳管癌
SNM3		M-85203	Invasive lobular carcinoma	浸潤性小葉癌
SNM3	3.4	G-A402	Irregular	不整形
SNM3		A-1016B	J Wire	Jワイヤー
SNM3		M-90300	Juvenile fibroadenoma	若年性線維腺腫
DCM		111277	Juvenille papillomatosis	若年性乳頭腫症
SNM3		M-82040	Lactating adenoma	授乳性腺腫
DCM		111279	Lactational change	
DCM		111281	Large duct papilloma	
SRT	1.1	F-01764	Large rod-like calcification	大きな桿状
SNM3		T-04030	Left breast	左：左乳房
SNM3		M-88900	Leiomyoma	平滑筋腫
SNM3		M-88903	Leiomyosarcoma	平滑筋肉腫
DCM		111035	Lesion Density	病変の濃度
SRT	1.1	F-01728	Less defined	より不明瞭になってきた
DCM		111318	Leukemic infiltration	白血病浸潤

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SRT	1.1	F-01771	Linear calcification distribution	線状
SNM3		M-83143	Lipid-rich (lipid-secreting) carcinoma	脂肪に富む（脂質分泌）癌
SNM3		M-88500	Lipoma of the breast	脂肪腫
SNM3		M-88503	Liposarcoma	
SNM3	3.4	G-A640	Lobular	分葉状
SNM3		D7-F0A02	Lobular carcinoma in situ of breast	非浸潤性小葉癌：ＬＣＩＳ
SRT	1.1	F-01753	Low density (not containing fat) lesion	低濃度（脂肪を含まない）
SRT	1.0	T-04003	Lower inner quadrant of breast	内下部：乳房の内下部１／４（B領域）
SRT	1.0	T-04005	Lower outer quadrant of breast	外下部：乳房の外下部１／４（D領域）
SRT	1.1	F-01766	Lucent-centered calcification	中心透亮性
DCM		111320	Lympathic vessel invasion	
SNM3		T-C4000	Lymph node	
SNM3		M-95903	Lymphoma	
SNM3		R-102D6	Magnification views	拡大撮影（M）
SNM3		M-88303	Malignant fibrous histiocytoma	
DCM		111334	Malignant melanoma of nipple	乳頭の悪性黒色腫
SNM3		D7-90370	Mammary duct ectasia	乳管拡張症
SRT	1.1	F-01791	Mammographic breast mass	腫瘤
DCM		111036	Mammography CAD Report	マンモグラフィCADのレポート
DCM		111238	Mammography Quality Control Manual 1999, ACR	マンモグラフィ品質管理マニュアル1999, ACR
DCM		111037	Margins	辺縁
DCM		111216	Mechanical failure	機械の故障
SNM3		M-85103	Medullary carcinoma	髄様癌
SNM3		J-83250	Metal (Lead) Marker	鉛マーカー
DCM		111333	Metastasis to an intramammary lymph node	
DCM		111323	Metastatic cancer to the breast	

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111324	Metastatic cancer to the breast from the colon	
DCM		111325	Metastatic cancer to the breast from the lung	
DCM		111327	Metastatic cancer to the breast from the ovary	
DCM		111330	Metastatic disease to axillary node	
DCM		111326	Metastatic melanoma to the breast	
DCM		111328	Metastatic sarcoma to the breast	
DCM		111284	Microglandular adenosis	微小腺管腺症
SRT	1.1	F-01742	Microlobulated lesion	微細分葉状
SNM3		G-A109	Middle	中央の
SRT	1.1	F-01765	Milk of calcium calcification	石灰乳
DCM		111200	MLO Evidence of motion blur	内外斜位方向撮影 体動によるブレがある
DCM		111201	MLO Inframammary fold is not open	内外斜位方向撮影 乳房下溝が開いていない
DCM		111197	MLO Insufficient pectoral muscle	内外斜位方向撮影 胸筋の描出が不十分
DCM		111198	MLO No fat is visualized posterior to fibroglandular tissues	内外斜位方向撮影 乳腺後隙の脂肪が見られない
DCM		111199	MLO Poor separation of deep and superficial breast tissues	内外斜位方向撮影 乳房組織の深部および表在乳腺の分離が不良である
UCUM	1.4	mo	Month	月
SRT	1.1	F-01729	More defined	より明瞭になってきた
DCM		111210	Motion blur	患者の体動
SNM3		M-84803	Mucinous adenocarcinoma (Colloid carcinoma)	粘液癌
DCM		111329	Multifocal intraductal carcinoma	
DCM		111332	Multifocal invasive ductal carcinoma	
DCM		111285	Multiple Intraductal Papillomas	
DCM		111283	Myofibroblastoma	筋線維芽腫

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111144	Needle localization and biopsy	針留置による位置決めと生検（L）
SNM3		D0-F035F	Neoplasm of mammary skin	乳房皮膚の新生物
SNM3		M-95400	Neurofibroma	神経線維腫
SNM3		M-95401	Neurofibromatosis	
SRT	1.1	F-01721	New finding	新しい所見
SNM3		T-04100	Nipple	乳頭
DCM		111297	Nipple Characteristic	
DCM		111205	Nipple not in profile	
SNM3		D7-90554	Nipple retraction	乳頭陥凹
DCM		111286	No abnormality	
DCM		111245	No algorithms succeeded; without findings	全てのアルゴリズムが失敗；所見なし
DCM		111213	No image	画像なし
SRT	1.1	F-01723	No significant changes in the finding	所見上、著変なし
SNM3		M-95913	Non-Hodgkin’s lymphoma	非ホジキンリンパ腫
DCM		111102	Non-lesion	病変がない
DCM		111251	Normal axillary node	
DCM		111287	Normal breast tissue	
DCM		111140	Normal interval follow-up	通常間隔での経過観察（N）
SNM3		M-02000	Normal shape	正常乳頭
DCM		111244	Not all algorithms succeeded; with findings	全てのアルゴリズムが成功した訳ではない；所見あり
DCM		111243	Not all algorithms succeeded; without findings	全てのアルゴリズムが成功した訳ではない；所見なし
DCM		111225	Not Attempted	未施行
DCM		111152	Not for Presentation: Rendering device expected not to present	提示の必要なし：表示装置提示の必要なし
DCM		111038	Number of calcifications	石灰化の数
DCM		111039	Object type	対象のタイプ
SRT	1.1	F-01743	Obscured lesion	評価困難
DCM		111322	Occult carcinoma presenting with axillary lymph node metastases	腋窩リンパ節転移を伴う潜伏癌

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111290	Oil cyst (fat necrosis cyst)	
DCM		111138	Old films for comparison	比較のための以前のフィルム（0）
DCM		111040	Original Source	情報源
SNM3		M-91803	Osteogenic sarcoma	骨肉腫
DCM		111220	Other failure	他の故障
DCM		111175	Other Marker	他のマーカー
DCM		111041	Outline	輪郭
DCM		111212	Over exposed	露光過多
DCM		111234	Overall Impression / Recommendation Analysis	全体のインプレッション／推奨の解析
SNM3	3.4	M-02120	Ovoid shape (Oval)	楕円形
SNM3		A-11101	Pacemaker	ペースメーカー
SNM3		A-10042	Compression paddle	圧縮パドル
SNM3		M-85403	Paget's disease, mammary (of the nipple)	乳頭のパジェット病
SNM3		M-80503	Papillary carcinoma (invasive)	浸潤性乳頭癌
SNM3		M-80502	Papillary carcinoma in-situ	
SNM3		M-80500	Papilloma	乳頭腫
DCM		111223	Partially Succeeded	部分的成功
DCM		111042	Pathology	病理
DCM		111043	Patient Orientation Column	患者情報　行
DCM		111044	Patient Orientation Row	患者情報　列
DCM		111045	Pectoral Muscle Outline	胸筋輪郭
DCM		111046	Percent Glandular Tissue	乳腺組織の割合（%）
DCM		111299	Peripheral duct papillomas	
SNM3		M-90201	Phyllodes tumor	良性葉状腫瘍
SNM3		M-90203	Phyllodes tumor, malignant	悪性葉状腫瘍
SNM3		M-97313	Plasmacytoma	形質細胞腫
SNM3		M-89400	Pleomorphic adenoma	混合腫瘍（多形腺腫）
DCM		111209	Positioning	ポジショニング
DCM		111291	Post reduction mammoplasty	

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SNM3		G-A106	Posterior	後方の
DCM		111151	Presentation Optional: Rendering device may present	提示はオプションである：表示装置の提示は自由
DCM		111150	Presentation Required: Rendering device is expected to present	提示が必要である：表示装置の提示必要
DCM		111047	Probability of cancer	癌の可能性
DCM		111292	Pseudoangiomatous stromal hyperplasia	偽血管腫様間質過形成
SRT	1.1	F-01767	Punctate calcification	点状
DCM		111048	Quadrant location	位置表示（四分の一円）
DCM		111049	Qualitative Difference	質的相違
DCM		111050	Quality Assessment	品質評価
DCM		111051	Quality Control Standard	品質管理の基準
DCM		111052	Quality Finding	品質に関する所見
SNM3		M-78731	Radial scar	放射状硬化性病変（放射状瘢痕）
DCM		111053	Recommended Follow-up	経過観察の推奨
DCM		111054	Recommended Follow-up Date	推奨される経過観察日
DCM		111055	Recommended Follow-up Interval	推奨される経過観察間隔
DCM		111338	Recurrent malignancy	
SRT	1.1	F-01773	Regional calcification distribution	領域性
SRT	1.1	F-0172A	Removal of implant since previous mammogram	インプラントの除去
DCM		111056	Rendering Intent	結果表示するかどうか
SNM3		T-04020	Right breast	右：右乳房
SNM3	3.4	M-02100	Round shape	円形
SRT	1.1	F-01768	Round shaped calcification	
SNM3		M-78060	Scar tissue	瘢痕組織
SRT	1.1	F-01712	Scattered fibroglandular densities	乳腺散在
SNM3		M-74220	Sclerosing adenosis	硬化性腺症
DCM		111057	Scope of Feature	特徴の範囲
SNM3		M-85023	Secretory (juvenile) carcinoma of the breast	分泌癌（若年性癌）：分泌性乳癌（若年性乳癌）

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SRT	1.1	F-01774	Segmental calcification distribution	区域性
DCM		111099	Selected region	選択された領域
DCM		111058	Selected Region Description	選択領域の記述
SNM3		M-36050	Seroma	
SNM3		M-020F9	Shape	形状
SNM3		M-84903	Signet ring cell carcinoma	
DCM		111296	Silicone granuloma	
DCM		111059	Single Image Finding	1画像の所見
SNM3		D0-00050	Skin lesion	皮膚病変
SRT	1.1	F-01799	Skin retraction of breast	乳房の皮膚陥凹
SRT	1.1	F-0179A	Skin thickening of breast	乳房の皮膚肥厚
DCM		111218	Software failure	ソフトウエアの故障
SRT	1.1	P5-B3402	Spatial collocation analysis	空間的なデータ対応付け解析
SRT	1.1	P5-B3404	Spatial proximity analysis	空間的なデータ近接判定解析
SRT	1.1	F-01745	Spiculated lesion	スピキュラを伴う
SNM3		M-78190	Spindle cell nodule (tumor)	
SNM3		R-102D7	Spot compression	スポット圧迫撮影（S）
DCM		111136	Spot magnification view(s)	拡大スポット撮影（V）
SNM3		M-80703	Squamous cell carcinoma	
DCM		111340	Squamous cell carcinoma of the nipple	乳頭の扁平上皮癌
SNM3		A-13600	Staple	ステープル
DCM		111060	Study Date	検査日
DCM		111061	Study Time	検査時刻
SRT	1.1	F-0178D	Subareolar position	乳輪下
DCM		111222	Succeeded	成功
DCM		111062	Successful Analyses	解析の成功
DCM		111063	Successful Detections	検出の成功
DCM		111146	Suggestive of malignancy – take appropriate action	悪性―適切な処置が必要（T）
DCM		111065	Summary of Analyses	解析の要約

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111064	Summary of Detections	検出の要約
SNM3		A-13510	Suture material	縫合；縫合材料
DCM		111155	Target content items are related contra-laterally	Target content itemsは対側のそれらに関連している
DCM		111154	Target content items are related spatially	Target content itemsは空間的に関連している
DCM		111153	Target content items are related temporally	Target content itemsは時間的に関連している
DCM		111194	Technical factors missing	撮影条件がない
SRT	1.1	P5-B3406	Temporal correlation	経時的相関
SNM3		D3-87780	Thrombophlebitis of breast (Mondor's disease)	
DCM		111239	Title 21 CFR Section 900, Subpart B	
SRT	1.1	F-01798	Trabecular thickening of breast	乳房の梁柱の肥厚
SNM3		M-82113	Tubular adenocarcinoma	管状癌
SNM3		M-82110	Tubular adenoma	管状腺腫
SRT	1.1	F-01797	Tubular density	管状影
SRT	1.1	P5-B0099	Ultrasound procedure	超音波検査手技（U）
DCM		111211	Under exposed	露光不足
DCM		111221	Unknown failure	原因不詳の故障
DCM		111176	Unspecified	非特定の物質
DCM		111235	Unusable — Quality renders image unusable	使用不可—画像構成の品質は使用不可である
SRT	1.0	T-04002	Upper inner quadrant of breast	内上部：乳房の内上部１／４（A領域）
SRT	1.0	T-04004	Upper outer quadrant of breast	外上部：乳房の外上部１／４（C領域）
DCM		111236	Usable — Does not meet the quality control standard	使用可—品質管理の基準に達していない
DCM		111237	Usable — Meets the quality control standard	使用可—品質管理の基準に達している
SRT	1.1	F-0176B	Vascular calcification	血管
DCM		111066	Vertical Imager Pixel Spacing	イメージャ垂直方向のピクセル間隔

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Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111179	View and Laterality Marker does not have approved codes	鉛マーカーはFDAのコードがない
DCM		111178	View and Laterality Marker does not have both view and laterality	鉛マーカーは撮影方向と左右の表示がない
DCM		111183	View and Laterality Marker is incorrect	鉛マーカーは正しい位置にない
DCM		111177	View and Laterality Marker is missing	鉛マーカーがみられない
DCM		111180	View and Laterality Marker is not near the axilla	鉛マーカーは腋窩の近くにない
DCM		111184	View and Laterality Marker is off image	鉛マーカーがフィルム外である
DCM		111182	View and Laterality Marker is partially obscured	鉛マーカーは一部覆い隠されている
DCM		111181	View and Laterality Marker overlaps breast tissue	
DCM		111298	Virginal hyperplasia	若年性過形成
UCUM	1.4	wk	Week	週
UCUM	1.4	a	Year	年

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Annex G
English Code Meanings of Selected Codes (Normative)

Coding Scheme Designator (0008,0102)	Coding Scheme Version	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		C-10520	Carbon dioxide, NOS
			Carbon dioxide gas
SNM3		C-21005	Ethanol
			Ethyl alcohol
SNM3		C-81100	Hypotensive agent, NOS
			Antihypertensive agent, NOS
			Antihypertensive drug, NOS
SNM3		C-A7400	Thrombolytic agent, NOS
			Fibrinolytic agent, NOS
SNM3		C-A7440	Injectable fibrinolysin
			Injectable plasmin
SNM3		C-B0300	Contrast agent, NOS
			Radiographic contrast agent, NOS
SNM3		C-B1091	Iodohippurate I^131^ sodium
			Iodine^131^ hippuran
SNM3		C-B1109	Iodine^131^ polyvinylpyrrolidone
			Iodine^131^ PVP
SNM3		C-B1225	Technetium Tc^99^ N-substituted iminodiacetate
			Tc^99^ labeled HIDA
SNM3	3.5	D3-40208	Congenital pulmonary arteriovenous fistula
			Congenital coronary artery fistula to pulmonary artery
SRT	V1	D4-33142	Pulmonary artery conduit
			Congenital pulmonary artery conduit
SRT	V1	D4-33512	Pulmonary vein confluence
			Congenital pulmonary vein confluence
SRT	V1	D4-33514	Pulmonary venous atrium
			Congenital pulmonary venous atrium
SRT	V1	D4-33516	Systemic venous atrium
			Congenital systemic venous atrium
SNM3		G-5200	Antero-posterior
			AP
SNM3		G-5201	Postero-anterior
			PA
SNM3		G-5210	Oblique axial

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			Oblique caudo-cranial
			Oblique cranio-caudal
			Oblique transaxial
			Off-axial
			Off-axial projection
SNM3		G-5220	Medial-lateral
			Medio-lateral
SNM3		G-5221	Lateral-medial
			Latero-medial
SNM3		G-5222	Right lateral projection
			Left to right beam projection
SNM3		G-5223	Left lateral projection
			Right to left beam projection
SNM3		G-A100	Right
			Right lateral
SNM3		G-A101	Left
			Left lateral
SNM3		G-A102	Bilateral
			Right and left
SNM3		G-A103	Unilateral
			One-sided
SNM3		G-A105	Anterior
			Ventral
SNM3		G-A106	Posterior
			Dorsal
SNM3		G-A107	Cephalic
			Cephalad
			Rostral
			Caudal-craniad
			Caudal-cranial
SNM3		G-A108	Caudal
			Caudad
			Cranial-caudad
			Cranial-caudal
			Cranio-caudal
SNM3		G-A109	Medial
			Median
			Middle
SNM3		G-A10A	Cranial
			Midline
SNM3		G-A112	External
			Outer

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SNM3		G-A113	Internal
			Inner
SNM3		G-A115	Inferior
			Lower
SNM3		G-A116	Superior
			Upper
SNM3		G-A138	Coronal
			Frontal
SNM3		G-A140	Deep
			Profundis
SNM3		G-A145	Sagittal
			Lateral Projection
SNM3		G-A16C	Contact
			Direct contact
SNM3		G-A170	Hilar
			Hilus
SNM3		G-A174	Edge
			Along edge
SNM3		G-D105	Intracutaneous route
			Intradermal route
SNM3		G-D140	Oral route
			Peroral route
SNM3		G-D164	Vaginal route
			Per vagina
SNM3		P1-05535	Catheterization
			Insertion of catheter
SNM3		P1-30350	Atherectomy, NOS
			Removal of atherosclerotic plaque from artery, NOS
SNM3		T-15460	Wrist joint, NOS
			Joint of Wrist, NOS
SNM3		T-32000	Endo-cardiac
			Intra-cardiac
SNM3		T-41000	Endo-arterial
			Intra-arterial
SNM3	3.5	T-46010	Innominate artery
			Brachiocephalic artery
			Brachiocephalic trunk
SNM3	3.5	T-48170	Internal jugular vein
			Vena jugularis interna
SNM3	3.4	T-48620	Innominate vein
			Brachiocephalic vein
SNM3	3.5	T-48810	Portal vein

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			Vena portae
SNM3		T-D4450	Omental bursa
			Lesser peritoneal sac

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Annex H
Code Meanings of LOINC Codes in DCMR

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
LN	11522-0	Echocardiography Report
LN	11525-3	Ultrasound Obstetric and Gyn Report
LN	11528-7	Radiology Report
LN	11538-6	CT Chest Report
LN	11539-4	CT Head Report
LN	11540-2	CT Abdomen Report
LN	11541-0	MRI Head Report
LN	18745-0	Cardiac Catheterization Report
LN	18747-6	CT Report
LN	18748-4	Diagnostic Imaging Report
LN	18755-9	MRI Report
LN	18756-7	MRI Spine Report
LN	18757-5	Nuclear Medicine Report
LN	18758-3	PET Scan Report
LN	18760-9	Ultrasound Report

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