

Digital Imaging and Communications in Medicine (DICOM)
Part 16: Content Mapping Resource

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CONTENTS

CONTENTS.....	2
FOREWORD.....	4
1.....Scope and field of application.....	5
2.....Normative references.....	5
BI-RADS™ Terminology and Nomenclature.....	5
MQCM 1999 Terminology and Nomenclature.....	5
MQSA Terminology and Nomenclature.....	5
3.....Definitions.....	6
3.1 CODES AND CONTROLLED TERMINOLOGY DEFINITIONS:.....	6
4.....Symbols and abbreviations.....	7
5.....Conventions.....	7
6.....Form of Template Specifications.....	8
6.1 TEMPLATE TABLE FIELD DEFINITION.....	8
6.1.1..... Row Number.....	9
6.1.2..... Nesting Level (NL).....	9
6.1.3..... Relationship with Source Content Item (Parent).....	10
6.1.4..... Value Type (VT).....	10
6.1.5..... Concept Name.....	10
6.1.6..... Value Multiplicity (VM).....	10
6.1.7..... Requirement Type.....	10
6.1.8..... Condition.....	11
6.1.9..... Value Set Constraint.....	11
6.2 SPECIAL CONVENTIONS FOR TEMPLATE TABLES.....	12
6.2.1..... Multiple Value Sets Depending on Different Conditions.....	12
6.2.2..... Target Content Items of Relationships.....	12
6.2.3..... Inclusion of Templates.....	12
6.2.4..... Post-coordinated Codes and Has Concept Modifier Relationship.....	12
7.....DCMR Context Group Specifications.....	13
7.1 CONTEXT GROUP TABLE FIELD DEFINITION.....	13
7.2 SPECIAL CONVENTIONS FOR CONTEXT GROUP TABLES.....	13
7.2.1..... Include Context Group.....	13
7.2.2 Units Of Measurement.....	13
7.2.3 Extension of Context Groups.....	14
8 Coding Schemes.....	14
Annex A Structured Reporting Templates (Normative).....	17
TID 1000 QUOTATION.....	17
TID 1001 OBSERVATION CONTEXT.....	18
TID 1002 OBSERVER CONTEXT.....	18
TID 1003 PERSON OBSERVER IDENTIFYING ATTRIBUTES.....	19
TID 1004 DEVICE OBSERVER IDENTIFYING ATTRIBUTES.....	19
TID 1005 PROCEDURE CONTEXT.....	20
TID 1006 SUBJECT CONTEXT.....	20
TID 1007 SUBJECT CONTEXT, PATIENT.....	21
TID 1008 SUBJECT CONTEXT, FETUS.....	21
TID 1009 SUBJECT CONTEXT, SPECIMEN.....	22
TID 1200 LANGUAGE DESIGNATION.....	23

TID 1201	LANGUAGE OF VALUE	23
TID 1202	LANGUAGE OF NAME AND VALUE.....	23
TID 1204	LANGUAGE OF CONTENT ITEM AND DESCENDANTS	24
TID 1210	EQUIVALENT MEANING(S) OF CONCEPT NAME.....	24
TID 1211	EQUIVALENT MEANING(S) OF VALUE	24
TID 1350	NEGATION MODIFIER, PRESENCE OF FINDING	26
TID 1400	LINEAR MEASUREMENT TEMPLATE	27
TID 1401	AREA MEASUREMENT TEMPLATE	27
TID 1402	VOLUME MEASUREMENT TEMPLATE.....	28
TID 2000	BASIC DIAGNOSTIC IMAGING REPORT.....	29
TID 2001	BASIC DIAGNOSTIC IMAGING REPORT OBSERVATIONS	29
TID 2010	KEY OBJECT SELECTION.....	30
MAMMOGRAPHY CAD SR IOD TEMPLATES.....		32
TID 4000	Mammography CAD Document Root Template.....	33
TID 4001	Mammography CAD Overall Impression/Recommendation Template.....	34
TID 4002	Mammography CAD Impression/Recommendation Body Template	35
TID 4003	Mammography CAD Individual Impression/Recommendation Template.....	36
TID 4004	Mammography CAD Composite Feature Template	37
TID 4005	Mammography CAD Composite Feature Body Template	38
TID 4006	Mammography CAD Single Image Finding Template.....	40
TID 4007	Mammography CAD Breast Composition Template	42
TID 4008	Mammography CAD Breast Geometry Template	42
TID 4009	Mammography CAD Individual Calcification Template.....	43
TID 4010	Mammography CAD Calcification Cluster Template	43
TID 4011	Mammography CAD Density Template.....	43
TID 4012	Mammography CAD Non-Lesion Template	45
TID 4013	Mammography CAD Selected Region Template	45
TID 4014	Mammography CAD Image Quality Template	46
TID 4015	Mammography CAD Detections Performed Template.....	47
TID 4016	Mammography CAD Analyses Performed Template	47
TID 4017	Mammography CAD Detection Performed Template.....	47
TID 4018	Mammography CAD Analysis Performed Template.....	48
TID 4019	CAD Algorithm Identification Template	49
TID 4020	Mammography CAD Image Library Entry Template	50
TID 4021	Mammography CAD Geometry Template	51
TID 4022	CAD Observation Context Template	51
Annex B	DCMR Context Groups (Normative).....	52
Annex C	Acquisition Context Templates (Normative).....	145
TID 3401	ECG ACQUISITION CONTEXT	145
TID 3403	CATHETERIZATION ACQUISITION CONTEXT	145
TID 3450	CARDIAC ELECTROPHYSIOLOGY ACQUISITION CONTEXT	145
Annex D	DICOM Controlled Terminology Definitions (Normative).....	146
Annex E	French Translations of Selected Codes used in the DCMR (Normative).....	163
Annex F	Japanese Translations of Selected Codes used in the DCMR (Normative).....	186

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: Point-to-Point Communication Support for Message Exchange
- 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: Print Management Point-to-Point Communication Support
- 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.

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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All the SNOMED terms used in this Standard are the subject of a royalty pre-paid licensing agreement between NEMA and CAP that allows their use in DICOM applications without further license or payment of fee.

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.

3 Definitions

For the purposes of this Standard the following definitions apply.

3.1 CODES AND CONTROLLED TERMINOLOGY DEFINITIONS:

The following definitions are used in the specification of Interpretation Data Interchange:

- 3.1.1 Baseline Context Group:** Context Group that specifies the suggested Value Set for a Code Sequence Attribute.
- 3.1.2 Defined Context Group:** Context Group that specifies the Value Set for a Code Sequence Attribute that shall be used, but may be extended.
- 3.1.3 Enumerated Context Group:** Context Group that specifies the Value Set for a Code Sequence Attribute that shall be used and shall not be extended.
- 3.1.4 Code Sequence Attribute:** Attribute that (usually) includes the string "Code Sequence" in the Attribute Name and has a VR of SQ (Sequence of Items). Its purpose is to encode concepts using code values and optional text meanings from coding schemes. Sections 8.1 through 8.8 specify the Attributes of which the Sequence Items (Attribute Sets) of Code Sequence Attributes are constructed.
- 3.1.5 Context Group:** Attribute Value Set defined by a Mapping Resource.
- 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:** A template suggested in an IOD which may be used in the creation of a SOP Instance, replaced by another template or extended.
- 3.1.15 Defined Template:** A template defined in an IOD that specifies an extensible set of Content Items and corresponding Value Sets. A SOP Instance may optionally include additional Content Items beyond those specified in the template.
- 3.1.16 Enumerated Template:** A template defined in an IOD that specifies the exact set of Content Items and corresponding Value Sets that shall be used and which shall not be extended. A SOP Instance shall be created according to the exact Template specification and shall not include additional Content Items.
- 3.1.17 Coding schemes:** Dictionaries (lexicons) of terms with well defined meanings.

Note: Examples of coding schemes include SNOMED and LOINC.

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
ACR	American College of Radiology
CAP	College of American Pathologists
DCMR	DICOM Content Mapping Resource
NEMA	National Electrical Manufacturers Association
SNOMED	Systematized Nomenclature of Medicine
UCUM	Unified Code for Units of Measure
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.

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 specifies 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:

TID # Template Name						
	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1						

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
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 following 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").

References to Context Groups take the following form:

BCID, DCID or ECID (CID) CNAME

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

References to Templates take the following form:

BTID, DTID or ETID (TID) TNAME

e.g. Enumerated Template 1000 is represented as follows: ETID (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.

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, defined or enumerated 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.

**Table 6.1.6-1
Permitted Values for VM**

Expression	Definition
i (where ‘i’ represents an integer)	Exactly i occurrences, where $i \geq 1$. 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 occurrences 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.

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, defined or enumerated 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, defined or enumerated 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 Template are 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. The Value Set constraint field is not used.

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 specified 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).

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.

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 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)
...
<i>Include CID nnn</i>		
...

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

As the standard evolves, those Context Groups that are used in IODs or Templates only as baseline context groups may be modified to use additional or different terms.

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

Those Context Groups that are used anywhere as enumerated context groups may not be modified.

Whether a particular Context Group is used as a baseline, defined or enumerated Context Group is determined at the point where the Context Group is invoked, and the most restrictive use is indicated where the Context Group is defined.

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	Description
ACR	ACR Index for Radiological Diagnosis Revised, 3 rd 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™), 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	DICOM PS 3.16 Content Mapping Resource defined codes
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
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)
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.

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

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		

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**

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

There may be more than one observer, and both person and device observers.

**TID 1002
OBSERVER CONTEXT**

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**

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, Section C.7.5.1 of PS3.3) contains identifying (and optionally descriptive) attributes of devices that are observers.

**TID 1004
DEVICE OBSERVER IDENTIFYING ATTRIBUTES**

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**

	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 Study Component UID (0008,1111) of General Series Module
3			TEXT	EV (121020,DCM, "Procedure HL7 Placer Number of Evidence")	1	U		Defaults to (0040,2016)
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**

	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**

	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
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 ECID 7455
6			NUM	EV (121033,DCM, "Subject Age")	1	U		Defaults to value of Patient's Age (0010,1010) in Patient Study Module Units ECID 7456
7			CODE	EV (121034,DCM, "Subject Species")	1	MC	Required if not inherited.	DCID 7454 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**

	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	U		For longitudinal tracking of individual fetuses (human readable value e.g. "A" or "1")
4			NUM	EV (121037,DCM, "Fetus Number")	1	M		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 (121038,DCM, "Number of Fetuses")	1	M		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.

**TID 1009
SUBJECT CONTEXT, SPECIMEN**

N L	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		

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**

	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**

	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 1203
LANGUAGE OF NAME AND VALUE**

	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)
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**

	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**

	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	ETID(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	ETID(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.

**TID 1211
EQUIVALENT MEANING(S) OF VALUE**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
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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	ETID(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	ETID(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")

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**

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")

TID 1400 LINEAR MEASUREMENT TEMPLATE

**TID 1400
LINEAR MEASUREMENT**

	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	(121055,DCM, "Path")	1	M		
3	>>	R-SELECTED FROM	IMAGE		1	MC	XOR Row 4	
4	>>	SELECTED FROM	IMAGE		1	MC	XOR Row 3	

Content Item Descriptions

Path

Path can 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).

TID 1401 AREA MEASUREMENT TEMPLATE

**TID 1401
AREA MEASUREMENT**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	DCID(CID 7471) "Area Measurements"	1	M		Value shall be > 0 UNITS = DCID(7461) "Units of Area Measurement"
2	>	INFERRED FROM	SCOORD	(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 data 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

Area Outline

A Graphic Data 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**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			NUM	DCID(CID 7472) "Volume Measurements"	1	M		Value shall be > 0 UNITS = DCID(7462) "Units of Volume Measurement"
2	>	INFERRED FROM	SCoord	(121057,DCM, "Perimeter Outline")	1-n	U		Graphic data 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

Perimeter Outline

The two dimensional perimeter of the volume's projection into the image. A Graphic Data Type of POINT implies that the volume's 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.

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.

Is not extensible. That is, no other content items may be added to this template, or the templates that are included, recursively.

**TID 2000
BASIC DIAGNOSTIC IMAGING REPORT**

	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	ETID(1204) Language of Content Item and Descendants	1	M		
4	>	HAS CONCEPT MOD	INCLUDE	ETID (1210) Equivalent Meaning of Concept Name	1-n	U		
5	>	HAS OBS CONTEXT	INCLUDE	ETID(1001) Observation Context	1	M		
6	>	CONTAINS	CONTAINER	BCID(7001) Diagnostic Imaging Report Headings	1-n	U		
7	>>	HAS OBS CONTEXT	INCLUDE	ETID(1001) Observation Context	1	U		
8	>>	CONTAINS	CODE	BCID(7002) Diagnostic Imaging Report Elements	1-n	U		
9	>>>	INFERRED FROM	INCLUDE	ETID(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	ETID(2001)Basic Diagnostic Imaging Report Observations	1-n	U		
12	>>	CONTAINS	INCLUDE	ETID(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**

	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	
2		INCLUDE	TID(1400) Linear Measurements	1	MC	XOR Rows 1,3,4. 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. 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. 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

	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		
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	INCLUDE	ETID(1204) Language of Content Item and Descendants	1	U		
5	>	HAS OBS CONTEXT	INCLUDE	ETID(1002) Observer Context	1	U		

6	>	CONTAINS	TEXT	EV(113012, DCM, "Key Object Description")	1	U		
7	>	CONTAINS	IMAGE	Purpose of Reference shall not be present	1-n	MC	At least one of Rows 7, 8, and 9 shall be present	
8	>	CONTAINS	WAVEFORM	Purpose of Reference shall not be present	1-n	MC	At least one of Rows 7, 8, and 9 shall be present	
9	>	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

MAMMOGRAPHY CAD SR IOD TEMPLATES

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

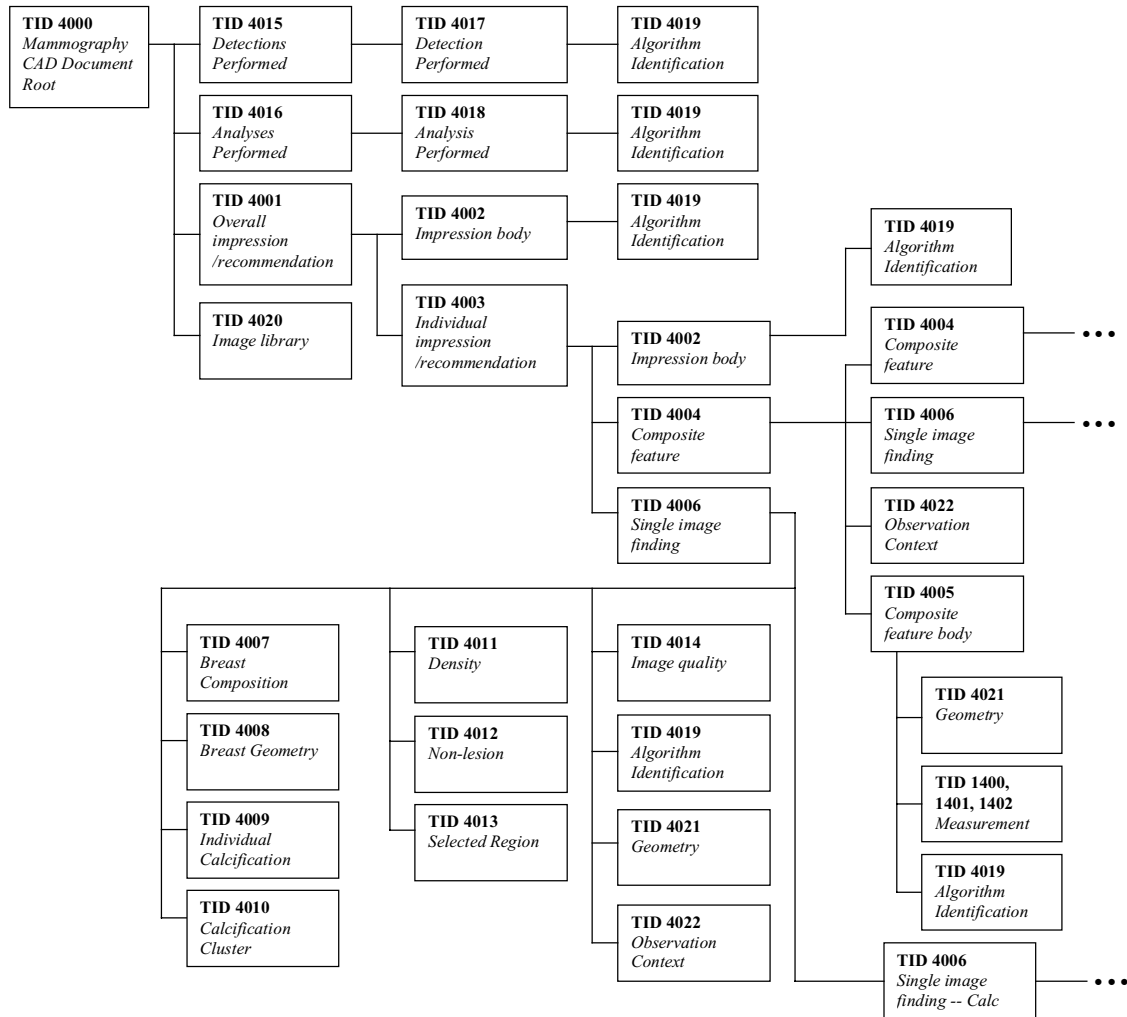


Figure A-1: Mammography CAD SR IOD Template Structure

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

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**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINER	(111036, DCM, "Mammography CAD Report")	1	M		
2	>	HAS CONCEPT MOD	INCLUDE ETID (1204) "Language of Content Item and Descendants"	1	M		
3	>	CONTAINS	CONTAINER (111028, DCM, "Image Library")	1	M		
4	>>	CONTAINS	INCLUDE ETID (4020) "Mammography CAD Image Library Entry"	1-n	M		
5	>	CONTAINS	INCLUDE ETID (4001) "Mammography CAD Overall Impression / Recommendation"	1	M		
6	>	CONTAINS	CODE (111064, DCM, "Summary of Detections")	1	M		ECID (6042) "Status of Results"
7	>>	INFERRED FROM	INCLUDE ETID (4015) "Mammography CAD Detections Performed"	1	MC	Shall be present unless the value of (111064, DCM, "Summary of Detections") is (111225, DCM, "Not Attempted")	
8	>	CONTAINS	CODE (111065, DCM, "Summary of Analyses")	1	M		ECID (6042) "Status of Results"
9	>>	INFERRED FROM	INCLUDE ETID (4016) "Mammography CAD Analyses Performed"	1	MC	Shall be present unless the value of (111065, DCM, "Summary of Analyses") is (111225, DCM, "Not Attempted")	

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

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		ECID (6047) "CAD Processing and Findings Summary"
2	>	HAS PROP	INCLUDE	ETID (4002) "Mammography CAD Impression/Recommendation Body"	1	U	
3	>	INFERRED FROM	INCLUDE	ETID (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	<p>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.</p> <p>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.</p>
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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**

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 <u>not</u> present.	UNITS = DCID (6046) "Units of Follow-up Interval"; Values = Integer ≥ 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 <u>not</u> 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	ETID (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

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**

	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		ECID (6034) "Intended Use of CAD Output"
3	>	CONTAINS	INCLUDE	ETID (4002) "Mammography CAD Impression / Recommendation Body"	1	U		
4	>	CONTAINS	INCLUDE	ETID (4004) "Mammography CAD Composite Feature"	1-n	MC	At least one of rows 4, 5 shall be present.	
5	>	CONTAINS	INCLUDE	ETID (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**

	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		ECID (6034) "Intended Use of CAD Output"
3	>	HAS PROP	INCLUDE	ETID (4005) "Mammography CAD Composite Feature Body"	1	M		
4	>	INFERRED FROM	INCLUDE	ETID (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	ETID (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	ETID (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**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111016, DCM, "Composite type")	1	M		ECID (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		ECID (6036) "Scope of Feature"
3			INCLUDE	ETID (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	ETID (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"
14	>	HAS PROP	TEXT	(111021, DCM, "Description of Change")	1	U		

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
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 (111103, DCM, "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 (111103, DCM, "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 (111103, DCM, "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 (111105, DCM, "Calcification Cluster") or (111104, DCM, "Individual Calcification")	DCID (6010) "Mammography Calcification Types"
23			CODE	(111008, DCM, "Calcification Distribution")	1	UC	May be present only if value of parent is (111105, DCM, "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 (111105, DCM, "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.

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**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111059, DCM, "Single Image Finding")	1	M		DCID (6014) "Mammography Single Image Finding"
2	>	HAS CONCEPT MOD	CODE	(111056, DCM, "Rendering Intent")	1	M		ECID (6034) "Intended Use of CAD Output"
3	>	HAS PROP	INCLUDE	ETID (4019) "CAD Algorithm Identification"	1	M		
4	>	HAS PROP	NUM	(111012, DCM, "Certainty of Finding")	1	U		UNITS = (% , UCUM, "Percent") Value = 0 – 100
5	>	HAS PROP	NUM	(111047, DCM, "Probability of cancer")	1	UC	May be present unless value of parent is (111006, DCM, "Breast composition"), (111100, DCM, "Breast geometry"), (T-04100, SNM3, "Nipple"), (111099, DCM, "Selected region"), (111101, DCM, "Image quality") or (111102, DCM, "Non-lesion")	UNITS = (% , UCUM, "Percent") Value = 0 – 100
6	>	HAS PROP	INCLUDE	ETID (4021) "Mammography CAD Geometry"	1	MC	Shall be present unless value of parent is (111006, DCM, "Breast composition"), (111100, DCM, "Breast geometry") or (111101, DCM, "Image quality")	
7	>	HAS PROP	INCLUDE	ETID (4007) "Mammography CAD Breast Composition"	1	MC	Shall be present only if value of parent is (111006, DCM, "Breast composition")	
8	>	R-INFERRED FROM	CODE		1-n	UC	May be present only if value of parent is (111006, DCM, "Breast composition")	Shall reference a (111059, DCM, "Single Image Finding") of value: EV (111100, DCM, "Breast geometry")
9	>	HAS PROP	INCLUDE	ETID (4008) "Mammography CAD Breast Geometry"	1	MC	Shall be present only if value of parent is (111100, DCM, "Breast geometry")	
10	>	HAS PROP	INCLUDE	ETID (4009) "Mammography CAD Individual Calcification"	1	UC	May be present only if value of parent is (111104, DCM, "Individual Calcification")	
11	>	HAS PROP	INCLUDE	ETID (4010) "Mammography CAD Calcification Cluster"	1	UC	May be present only if value of parent is (111105, DCM, "Calcification Cluster")	
12	>	HAS PROP	INCLUDE	ETID (4011) "Mammography CAD Density"	1	UC	May be present only if value of parent is (111103, DCM, "Density")	
13	>	HAS PROP	CODE	(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 PROP	INCLUDE	ETID (4012) "Mammography CAD Non-Lesion"	1	MC	Shall be present only if value of parent is (111102, DCM, "Non-lesion")	

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
15	>	HAS PROP	INCLUDE	ETID (4013) "Mammography CAD Selected Region"	1	MC	Shall be present only if value of parent is (111099, DCM, "Selected Region")	
16	>	R-HAS PROP	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	>	R-HAS PROP	SCOORD	(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 PROP	INCLUDE	ETID (4014) "Mammography CAD Image Quality"	1-n	MC	Shall be present only if value of parent is (111101, DCM, "Image quality")	
20	>	INFERRED FROM	INCLUDE	ETID (4006) "Mammography CAD Single Image Finding"	1-n	UC	May be present only if value of parent is (111105, DCM, "Calcification Cluster")	EV (111104, DCM, "Individual Calcification")
21	>	HAS OBS CONTEXT	INCLUDE	ETID (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.

TID 4007 Mammography CAD Breast Composition Template

**TID 4007
MAMMOGRAPHY CAD BREAST COMPOSITION**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111006, DCM, "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

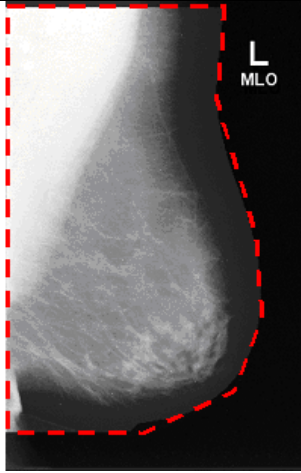

Percent Glandular Tissue	Percent of breast area that is mammographically dense.
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TID 4008 Mammography CAD Breast Geometry Template

**TID 4008
MAMMOGRAPHY CAD BREAST GEOMETRY**

	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

Breast Outline Including Pectoral Muscle Tissue		Pectoral Muscle Outline	
	Example		Example

TID 4009 Mammography CAD Individual Calcification Template

This template provides the detail specific to an individual calcification.

**TID 4009
MAMMOGRAPHY CAD INDIVIDUAL CALCIFICATION**

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**

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
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**

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"

	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 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**

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**

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 Mammography CAD Image Quality Template

This template provides the detail specific to image quality. It allows the encoding of descriptors of image quality (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.

**TID 4014
MAMMOGRAPHY CAD IMAGE QUALITY**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	(111052, DCM, "Quality Finding")	1	M		DCID (6041) "Mammography Image Quality Finding"
2	>	HAS PROP	CODE	(111050, DCM, "Quality Assessment")	1	U		DCID (6044) "Types of Image Quality Assessment"
3	>	HAS PROP	CODE	(111051, DCM, "Quality Control Standard")	1	UC	Shall be present if row 2 is present.	DCID (6045) "Mammography Types of Quality Control Standard"
4	>	HAS PROP	NUM	(111029, DCM, "Image Quality Rating")	1	U		UNITS = ("{0-100}"; UCUM, "Ordinal scale 0 to 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.
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TID 4015 Mammography 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 (TID 4000). This information forms the basis for understanding why a mammography 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.

**TID 4015
MAMMOGRAPHY CAD DETECTIONS PERFORMED**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINER	(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	ETID (4017) "Mammography CAD Detection Performed"	1-n	M	
3		CONTAINER	(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	ETID (4017) "Mammography CAD Detection Performed"	1-n	M	

TID 4016 Mammography 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 (TID 4000). This information forms the basis for understanding why a mammography 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.

**TID 4016
MAMMOGRAPHY CAD ANALYSES PERFORMED**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINER	(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	ETID (4018) "Mammography CAD Analysis Performed"	1-n	M	
3		CONTAINER	(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	ETID (4018) "Mammography CAD Analysis Performed"	1-n	M	

TID 4017 Mammography CAD Detection Performed Template

This template fully identifies a detection algorithm and the images and/or image regions on which it operated.

**TID 4017
MAMMOGRAPHY CAD DETECTION PERFORMED**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint	
1		CODE	(111022, DCM, "Detection Performed")	1	M		DCID (6014) "Mammography Single Image Finding"	
2	>	HAS PROP	INCLUDE	ETID (4019) "CAD Algorithm Identification"	1	M		
3	>	R-HAS PROP	IMAGE		1-n	MC	At least one of row 3 or 4 shall be present	Shall reference IMAGE content item(s) in the (111028, DCM, "Image Library")
4	>	HAS PROP	SCOORD	(111030, DCM, "Image Region")	1-n	MC	At least one of row 3 or 4 shall be present	
5	>>	R-SELECTED FROM	IMAGE		1	M		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 (CID 6014) then the "CAD Algorithm Identification" shall unambiguously distinguish between algorithms.
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TID 4018 Mammography CAD Analysis Performed Template

This template fully identifies an analysis algorithm and the images and/or image regions on which it operated.

**TID 4018
MAMMOGRAPHY CAD ANALYSIS PERFORMED**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint	
1		CODE	(111004, DCM, "Analysis Performed")	1	M		DCID (6043) "Types of Mammography CAD Analysis"	
2	>	HAS PROP	INCLUDE	ETID (4019) "CAD Algorithm Identification"	1	M		
3	>	R-HAS PROP	IMAGE		1-n	MC	A total of at least two instances of row 3 or 4 shall be present	Shall reference IMAGE content item(s) in the (111028, DCM, "Image Library")
4	>	HAS PROP	SCOORD	(111030, DCM, "Image Region")	1-n	MC	At total of at least two instances of row 3 or 4 shall be present	
5	>>	R-SELECTED FROM	IMAGE		1	M		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 (CID 6043) then the "CAD Algorithm Identification" shall unambiguously distinguish between algorithms.
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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**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			TEXT	(111001, DCM, "Algorithm Name")	1	M		
2			TEXT	(111003, DCM, "Algorithm Version")	1	M		
3			TEXT	(111002, DCM, "Algorithm Parameters")	1-n	U		

TID 4020 Mammography 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 the Image SOP Class is other than Digital Mammography Image Storage then as many of the attributes as possible should be derived.

**TID 4020
MAMMOGRAPHY CAD IMAGE LIBRARY ENTRY**

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			IMAGE		1	M		
2	>	HAS ACQ CONTEXT	CODE	(111027, DCM, "Image Laterality")	1	MC	Shall be present if (0020,0062) is in the Image IOD	ECID (6022) "Side"
3	>	HAS ACQ CONTEXT	CODE	(111031, DCM, "Image View")	1	MC	Shall be present if (0054,0220) is in the Image IOD	DCID (4014) "View for Mammography"
4	>>	HAS CONCEPT MOD	CODE	(111032, DCM, "Image View Modifier")	1	MC	Shall be present if (0054,0222) is in the Image IOD	DCID (4015) "View Modifier for Mammography"
5	>	HAS ACQ CONTEXT	TEXT	(111044, DCM, "Patient Orientation Row")	1	MC	Shall be present if (0020,0020) is in the Image IOD	
6	>	HAS ACQ CONTEXT	TEXT	(111043, DCM, "Patient Orientation Column")	1	MC	Shall be present if (0020,0020) is in the Image IOD	
7	>	HAS ACQ CONTEXT	DATE	(111060, DCM, "Study Date")	1	MC	Shall be present if (0008,0020) is in the Image IOD	
8	>	HAS ACQ CONTEXT	TIME	(111061, DCM, "Study Time")	1	MC	Shall be present if (0008,0030) is in the Image IOD	
9	>	HAS ACQ CONTEXT	DATE	(111018, DCM, "Content Date")	1	MC	Shall be present if (0008,0023) is in the Image IOD	
10	>	HAS ACQ CONTEXT	TIME	(111019, DCM, "Content Time")	1	MC	Shall be present if (0008,0033) is in the Image IOD	
11	>	HAS ACQ CONTEXT	NUM	(111026, DCM, "Horizontal Imager Pixel Spacing")	1	MC	Shall be present if (0018,1164) is in the Image IOD	UNITS = EV (um, UCUM, "micrometer")
12	>	HAS ACQ CONTEXT	NUM	(111066, DCM, "Vertical Imager Pixel Spacing")	1	MC	Shall be present if (0018,1164) is in the Image IOD	UNITS = EV (um, UCUM, "micrometer")

Content Item Descriptions

Patient Orientation Row	First (row) and Second (column) components of Patient Orientation (0020,0020) in the Image IOD. See PS 3, C.7.6.1.1.1.
Patient Orientation Column	
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.

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**

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		SCoord	(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	(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**

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

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.

**Context ID 2
Anatomic Modifier
(Most Restrictive Use: Baseline)**

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A100	Right
SNM3	G-A100	Right lateral
SNM3	G-A101	Left
SNM3	G-A101	Left lateral
SNM3	G-A102	Right and left
SNM3	G-A102	Bilateral
SNM3	G-A103	Unilateral
SNM3	G-A103	One-sided
SNM3	G-A104	Lateral
SNM3	G-A105	Anterior
SNM3	G-A105	Ventral
SNM3	G-A106	Posterior
SNM3	G-A106	Dorsal
SNM3	G-A107	Cephalic
SNM3	G-A107	Cephalad
SNM3	G-A107	Rostral
SNM3	G-A108	Caudal
SNM3	G-A108	Caudad
SNM3	G-A109	Medial
SNM3	G-A109	Median
SNM3	G-A109	Middle
SNM3	G-A110	Central
SNM3	G-A111	Peripheral
SNM3	G-A112	External
SNM3	G-A112	Outer
SNM3	G-A113	Internal
SNM3	G-A113	Inner
SNM3	G-A114	Intermediate
SNM3	G-A115	Inferior
SNM3	G-A116	Superior
SNM3	G-A116	Upper
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-A138	Frontal
SNM3	G-A139	Superficial
SNM3	G-A140	Deep
SNM3	G-A140	Profundis
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-A170	Hilus
SNM3	G-A171	Capsular
SNM3	G-A172	Subcapsular
SNM3	G-A174	Along edge
SNM3	G-A174	Edge
SNM3	G-A180	Anterolateral
SNM3	G-A182	Posterolateral
SNM3	G-A15A	Intra-articular
SNM3	G-A428	Marginal

Context ID 4

Anatomic Region

(Most Restrictive Use: Baseline)

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	Joint of wrist, 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
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
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-D4450	Lesser peritoneal sac
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-32000	Intra-cardiac
SNM3	T-40000	Endo-vascular
SNM3	T-41000	Endo-arterial
SNM3	T-41000	Intra-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
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

Context ID 5
Transducer Approach
(Most Restrictive Use: Baseline)

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-A105	Ventral
SNM3	G-A106	Posterior
SNM3	G-A106	Dorsal
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-A115	Lower
SNM3	G-A116	Superior
SNM3	G-A116	Upper
SNM3	G-A117	Transverse
SNM3	G-A118	Proximal
SNM3	G-A119	Distal
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-A10A	Midline
SNM3	G-A11A	Mid-longitudinal
SNM3	G-A11B	Parasagittal
SNM3	G-A12A	Intraluminal
SNM3	G-A16A	Capsule

SNM3	G-A16B	Lumen
SNM3	G-A16C	Direct contact
SNM3	G-A16C	Contact
SNM3	G-A16D	Parenchyma

Context ID 6
Transducer Orientation
(Most Restrictive Use: Baseline)

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
SNM3	R-11300	Transverse

Context ID 7
Ultrasound Beam Path
(Most Restrictive Use: Baseline)

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-theical
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)

Context ID 8
Angiographic Interventional Devices
(Most Restrictive Use: Baseline)

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
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

Context ID 9
Image Guided Therapeutic Procedures
(Most Restrictive Use: Baseline)

Coding Scheme Designator (0008,0102)	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	P1-05535	Insertion of catheter
SNM3	P1-30350	Atherectomy, NOS
SNM3	P1-30350	Removal of atherosclerotic plaque from artery, 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
SNM3	P1-86520	Amnioinfusion [injection of amnion]
SNM3	P1-86180	Intrauterine cordocentesis
SNM3	P1-28160	Thoracentesis
SNM3	P1-86E70	Breech Version [Obstetrical Version]
SRT1.1	P1-86101	Decompression amniocentesis [decompression of amnion]
SNM3	P2-68060	Intrauterine transfusion
SRT1.1	P1-86C50	Fetocide (selective reduction)
SRT1.1	P1-93506	Prostaglandin injection

Context ID 10
Interventional Drug
(Most Restrictive Use: Baseline)

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-21005	Ethyl alcohol
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-81100	Antihypertensive agent, NOS
SNM3	C-81100	Antihypertensive drug, NOS
SNM3	C-81120	Centrally acting hypotensive agent, NOS
SNM3	C-81560	Nitroglycerin
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-A7400	Fibrinolytic agent, NOS
SNM3	C-A7420	Streptokinase preparation
SNM3	C-A7430	Urokinase preparation
SNM3	C-A7440	Injectable fibrinolysin
SNM3	C-A7440	Injectable plasmin
SNM3	C-C2318	Priscoline hydrochloride ampuls
SNM3	F-B2110	Epinephrine

Context ID 11

Route of Administration

(Most Restrictive Use: Baseline)

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-D105	Intradermal 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
SNM3	G-D140	Oral route
SNM3	G-D140	Peroral 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	Per vagina
SNM3	G-D164	Vaginal route

Context ID 12
Radiographic Contrast Agent
(Most Restrictive Use: Baseline)

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-10520	Carbon dioxide gas
SNM3	C-12217	Barium Sulfate
SNM3	C-17800	Gadolinium, NOS
SNM3	C-B0300	Radiographic contrast agent, 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	Iodoalphonic 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
SNM3	C-B0337	Propylidone
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

Context ID 18
Isotopes in Radiopharmaceuticals
(Most Restrictive Use: Baseline)

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-111A1	¹⁸ F
SNM3	C-114A4	¹²³ I
SNM3	C-114A6	¹²⁵ I
SNM3	C-114B1	¹³¹ I
SNM3	C-122A5	¹³³ Ba
SNM3	C-131A2	⁶⁷ Ga
SNM3	C-138A9	²⁰¹ Tl
SNM3	C-144A3	⁵⁷ Co
SNM3	C-145A4	¹¹¹ In
SNM3	C-163A8	^{99m} Tc
SNM3	C-172A8	¹³³ Xe
SNM3	C-173A7	⁸⁵ Kr
SNM3	C-178A8	¹⁵³ Gd

Context ID 19
Patient Orientation
(Most Restrictive Use: Baseline)

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

Context ID 20
Patient Orientation Modifier
(Most Restrictive Use: Baseline)

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

Context ID 21
Patient Gantry Relationship
(Most Restrictive Use: Baseline)

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).

Context ID 23
Cranio-caudad Angulation
(Most Restrictive Use: Baseline)

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A107	Cephalic
SNM3	G-A107	Cephalad
SNM3	G-A107	Rostral
SNM3	G-A107	Caudal-craniad
SNM3	G-A107	Caudal-cranial
SNM3	G-A107	Caudo-craniad
SNM3	G-A107	Caudo-cranial
SNM3	G-A108	Caudal
SNM3	G-A108	Caudad
SNM3	G-A108	Cranial-caudad
SNM3	G-A108	Cranial-caudal
SNM3	G-A108	Cranio-caudad
SNM3	G-A108	Cranio-caudal
SNM3	G-A107	Craniad

Context ID 25
Radiopharmaceuticals
(Most Restrictive Use: Baseline)

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
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-B1091	Iodine ¹³¹ hippuran
SNM3	C-B1109	Iodine ¹³¹ polyvinylpyrrolidone

SNM3	C-B1109	Iodine ¹³¹ PVP
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	Tc ⁹⁹ labeled HIDA
SNM3	C-B1225	Technetium Tc ⁹⁹ N-substituted iminodiacetate
SNM3	C-B1224	Technetium Tc ⁹⁹ tagged red cells
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 TI ²⁰¹
SNM3	C-B1010	Therapeutic radioisotope, NOS
SNM3	C-B1251	Yb ¹⁶⁹ -DTPA - pentetate

Context ID 26

**Nuclear Medicine Projections
(Most Restrictive Use: Baseline)**

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	G-A138	Coronal
SNM3	G-A138	Frontal
SNM3	G-A145	Sagittal
SNM3	G-A147	Axial
SNM3	G-5200	Antero-posterior
SNM3	G-5200	AP
SNM3	G-5201	Postero-anterior
SNM3	G-5201	PA
SNM3	G-5203	Frontal oblique
SNM3	G-5204	Antero-posterior oblique
SNM3	G-5205	Postero-anterior oblique
SNM3	G-5206	Right anterior oblique
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-5210	Oblique caudo-cranial
SNM3	G-5210	Oblique cranio-caudal
SNM3	G-5210	Oblique transaxial
SNM3	G-5210	Off-axial
SNM3	G-5210	Off-axial projection
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-5220	Medio-lateral

SNM3	G-5221	Lateral-medial
SNM3	G-5221	Latero-medial
SNM3	G-5222	Right lateral projection
SNM3	G-5222	Left to right beam projection
SNM3	G-5223	Left lateral projection
SNM3	G-5223	Right to left beam 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	G-A145	Lateral Projection
SNM3	R-11300	Transverse
SNM3	G-A104	Lateral

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.

**Context ID 3001
ECG leads**

(Most Restrictive Use: Defined)

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
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
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

Context ID 3003
Hemodynamic waveform sources
(Most Restrictive Use: Defined)

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
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

Context ID 3010
Cardiovascular Anatomic Locations
(Most Restrictive Use: Defined)

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

SNM3	3.5	T-46010	Brachiocephalic artery
SNM3	3.5	T-46010	Brachiocephalic trunk
SNM3	3.5	T-48620	Brachiocephalic vein
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
SNm	3.5	D3-40208	Congenital coronary artery fistula to pulmonary artery
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
SRT	V1	D4-33142	Congenital pulmonary artery conduit
SRT	V1	D4-33512	Congenital pulmonary vein confluence
SRT	V1	D4-33514	Congenital pulmonary venous atrium
SRT	V1	D4-33516	Congenital systemic venous atrium
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
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 artery
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
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	3.4	T-48170	Vena jugularis interna
SNM3	3.5	T-48810	Vena portae
SNM3	3.5	T-48003	Venous network
SNM3	3.5	T-45700	Vertebral artery

**Context ID 3011
Electrophysiology Anatomic Locations
(Most Restrictive Use: Defined)**

Coding Scheme	Coding Scheme Version	Code Value	Code Meaning
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
SRT	V1	T-32202	Tendon of Todaro
SNM3	3.5	T-35110	Tricuspid ring

Context ID 3014
Coronary artery segments
(Most Restrictive Use: Defined)

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
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

Context ID 3019
Cardiovascular Anatomic Location Modifiers
(Most Restrictive Use: Defined)

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

Context ID 3082
Cardiology Units of Measurement
(Most Restrictive Use: Defined)

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

Context ID 3090
Time Synchronization Channel Types
(Most Restrictive Use: Defined)

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

Context ID 3240
Electrophysiology Measurement Functions and Techniques
(Most Restrictive Use: Defined)

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
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Context ID 3241
Hemodynamic Measurement Techniques
(Most Restrictive Use: Defined)

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
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

Context ID 3250
Catheterization Procedure Phase
(Most Restrictive Use: Baseline)

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

**Context ID 3254
Electrophysiology Procedure Phase
(Most Restrictive Use: Baseline)**

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
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

**Context ID 3261
Stress Protocols
(Most Restrictive Use: Baseline)**

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

**Context ID 3262
ECG Patient State Values
(Most Restrictive Use: Baseline)**

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

**Context ID 3263
Electrode Placement Values
(Most Restrictive Use: Baseline)**

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
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

**Context ID 3264
XYZ Electrode Placement Values
(Most Restrictive Use: Baseline)**

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

**Context ID 3271
Hemodynamic Physiological Challenges
(Most Restrictive Use: Baseline)**

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

**Context ID 3335
ECG Annotations**

(Most Restrictive Use: Defined)

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

**Context ID 3337
Hemodynamic Annotations**

(Most Restrictive Use: Defined)

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
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

Context ID 3339
Electrophysiology Annotations
(Most Restrictive Use: Defined)

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
DCM	01	109051	T wave
DCM	01	109052	V wave

DCM	01	109053	V wave of next beat
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Context ID 4009
DX Anatomy Imaged
(Most Restrictive Use: Baseline)

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

Context ID 4010
DX View
(Most Restrictive Use: Baseline)

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
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

Context ID 4011

DX View Modifier

(Most Restrictive Use: Baseline)

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	transforaminal
SNM3	R-102CC	transoral
SNM3	R-102CE	transorbital

Context ID 4012
Projection Eponymous Name
(Most Restrictive Use: Baseline)

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
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	Otonello
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
SNM3	R-102AD	Valdini
SNM3	R-102AE	Waters
SNM3	R-102AF	West Point

SNM3	R-102B0	Wigby-Taylor
SNM3	R-102B1	Zanelli

Context ID 4013
Anatomic Region for Mammography
(Most Restrictive Use: Enumerated)

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

Context ID 4014
View for Mammography
(Most Restrictive Use: Enumerated)

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

Context ID 4015
View Modifier for Mammography
(Most Restrictive Use: Enumerated)

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

Context ID 4016
Anatomic Region for Intra-oral Radiography
(Most Restrictive Use: Enumerated)

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

Context ID 4017
Anatomic Region Modifier for Intra-oral Radiography
(Most Restrictive Use: Enumerated)

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

Context ID 4018
Primary Anatomic Structure for Intra-oral Radiography
(Permanent Dentition - Designation of Teeth)
(Most Restrictive Use: Enumerated)

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

Context ID 4019
Primary Anatomic Structure for Intra-oral Radiography
(Deciduous Dentition - Designation of Teeth)
(Most Restrictive Use: Enumerated)

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

Context ID 4020
PET Radionuclide
(Most Restrictive Use: Baseline)

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]
		O ¹⁵ [¹⁵ Oxygen]
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]

Context ID 4021
PET Radiopharmaceutical
(Most Restrictive Use: Baseline)

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^

Context ID 5000
Languages
(Most Restrictive Use: Defined)

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	Athapaskan 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
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
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
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
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)
ISO639_2	kho	Khotanese
ISO639_2	kik	Kikuyu
ISO639_2	kin	Kinyarwanda
ISO639_2	kir	Kirghiz
IANARFC1766	i-klíngon	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
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
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	Pampang
ISO639_2	pag	Pangasinan
ISO639_2	pan	Panjabi
ISO639_2	pap	Papiamentu
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	Provençal, 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)
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
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
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>.

Context ID 5001
Countries
(Most Restrictive Use: Defined)

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
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
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
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
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
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

- 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.

Context ID 6000
Overall Breast Composition
(Most Restrictive Use: Defined)

Note: In future extensions, Overall Breast Composition 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 6001

Context ID 6001
Overall Breast Composition from BI-RADS™
(Most Restrictive Use: Defined)

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

Context ID 6002
Change Since Last Mammogram or Prior Surgery
(Most Restrictive Use: Defined)

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

Context ID 6003

Change Since Last Mammogram or Prior Surgery from BI-RADS™

(Most Restrictive Use: Defined)

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

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

Context ID 6004

Mammography Characteristics of Shape

(Most Restrictive Use: Defined)

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

Context ID 6005
Characteristics of Shape from BI-RADS™
(Most Restrictive Use: Defined)

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	3.4	M-02100	Round shape
SNM3	3.4	M-02120	Ovoid shape (Oval)
SNM3	3.4	G-A640	Lobular
SNM3	3.4	G-A402	Irregular

Context ID 6006
Mammography Characteristics of Margin
(Most Restrictive Use: Defined)

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

Context ID 6007
Characteristics of Margin from BI-RADS™
(Most Restrictive Use: Defined)

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

Context ID 6008

Density Modifier

(Most Restrictive Use: Defined)

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

Context ID 6009

Density Modifier from BI-RADS™

(Most Restrictive Use: Defined)

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

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

Context ID 6010

Mammography Calcification Types

(Most Restrictive Use: Defined)

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

Context ID 6011
Calcification Types from BI-RADS™
(Most Restrictive Use: Defined)

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

Context ID 6012
Calcification Distribution Modifier
(Most Restrictive Use: Defined)

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

Context ID 6013
Calcification Distribution Modifier from BI-RADS™
(Most Restrictive Use: Defined)

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

Context ID 6014
Mammography Single Image Finding
(Most Restrictive Use: Defined)

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

Context ID 6015
Single Image Finding from BI-RADS™
(Most Restrictive Use: Defined)

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)
DCM		111103	Density
DCM		111104	Individual Calcification
DCM		111105	Calcification Cluster
BI	3.0	I.C	Architectural distortion
BI	3.0	I.D.1	Tubular density
BI	3.0	I.D.2	Intra-mammary lymph node
BI	3.0	I.E.4	Trabecular thickening
DCM		111006	Breast composition
BI	3.0	I.E.1	Skin retraction

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
BI	3.0	I.E.3	Skin thickening
BI	3.0	I.E.6	Axillary adenopathy
BI	3.0	I.E.5	Skin lesion

Context ID 6016

Mammography Composite Feature

(Most Restrictive Use: Defined)

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

Context ID 6017

Composite Feature from BI-RADS™

(Most Restrictive Use: Defined)

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-01791	Mammographic breast mass
SRT	1.1	F-01792	Focal asymmetric breast tissue
SRT	1.1	F-01793	Asymmetric breast tissue

**Context ID 6018
Clockface Location**

(Most Restrictive Use: Defined)

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

Context ID 6019

Clockface Location from BI-RADS™

(Most Restrictive Use: Defined)

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

Context ID 6020
Quadrant Location

(Most Restrictive Use: Defined)

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

Context ID 6021

Quadrant Location from BI-RADS™

(Most Restrictive Use: Defined)

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

Context ID 6022

Side

(Most Restrictive Use: Enumerated)

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

Context ID 6023
Side from BI-RADS™

(Most Restrictive Use: Enumerated)

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

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

Context ID 6024

Depth

(Most Restrictive Use: Defined)

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

Context ID 6025

Depth from BI-RADS™

(Most Restrictive Use: Defined)

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

Context ID 6026
Mammography Assessment
(Most Restrictive Use: Defined)

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

Context ID 6027
Assessment from BI-RADS™
(Most Restrictive Use: Defined)

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
BI	3.0	II.AC.b.3	3 - Probably benign – short interval follow-up (1-11 months)
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

Context ID 6028
Mammography Recommended Follow-up
(Most Restrictive Use: Defined)

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

Context ID 6029
Recommended Follow-up from BI-RADS™
(Most Restrictive Use: Defined)

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)
DCM		111137	Ultrasound
DCM		111138	Old films for comparison
DCM		111139	Ductography
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

Context ID 6030
Mammography Pathology Codes
(Most Restrictive Use: Baseline)

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

Context ID 6031
Benign Pathology Codes from BI-RADS™
(Most Restrictive Use: Baseline)

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
DCM		111248	Adenolipoma
SNM3		M-73310	Apocrine Metaplasia
DCM		111250	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
DCM		111254	Asynchronous involution
SNM3		D7-90360	Cyst of breast
DCM		111255	Benign cyst with blood
DCM		111256	Benign Calcifications
SNM3		M-92200	Chondroma
DCM		111257	Intracystic papilloma
DCM		111258	Ductal adenoma
SNM3		D7-90370	Mammary duct ectasia
DCM		111259	Diabetic fibrous mastopathy
DCM		111249	Ductal hyperplasia, Usual
DCM		111260	Extra abdominal desmoid
SNM3		D4-48014	Ectopic (accessory) breast tissue
DCM		111262	Epidermal inclusion cyst
SNM3		M-36300	Edema
SNM3		M-90100	Fibroadenoma
DCM		111263	Fibroadenomatoid hyperplasia
DCM		111264	Fibroadenolipoma
DCM		111265	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
DCM		111269	Galactocele
SNM3		M-95800	Granular cell tumor
SNM3		M-90160	Giant fibroadenoma
SNM3		D7-90420	Gynecomastia
SNM3		M-75500	Hamartoma
SNM3		M-91200	Hemangioma

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111271	Hemangioma – nonparenchymal, subcutaneous
SNM3		M-91220	Hemangioma – venous
SNM3		M-35060	Hematoma
DCM		111273	Hyperplasia, usual
SNM3		D7-90452	Infarction of breast
SNM3		M-40000	Inflammation
BI	3.0	I.D.2	Intra-mammary lymph node
SNM3		M-85030	Intraductal papilloma
SNM3		M-90300	Juvenile fibroadenoma
DCM		111277	Juvenile papillomatosis
DCM		111278	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)
DCM		111283	Myofibroblastoma
DCM		111284	Microglandular adenosis
DCM		111285	Multiple Intraductal Papillomas
DCM		111286	No abnormality
DCM		111287	Normal breast tissue
SNM3		M-95400	Neurofibroma
DCM		111288	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
DCM		111293	Radial scar
DCM		111294	Sclerosing adenosis
SNM3		M-36050	Seroma
DCM		111296	Silicone granuloma
DCM		111168	Scar tissue
SNM3		M-82110	Tubular adenoma
DCM		111298	Virginal hyperplasia

Context ID 6032

**High Risk Lesions Pathology Codes from BI-RADS™
(Most Restrictive Use: Baseline)**

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

Context ID 6033

**Malignant Pathology Codes from BI-RADS™
(Most Restrictive Use: Baseline)**

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
DCM		111302	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-85013	Comedocarcinoma (intraductal)
SNM3		D7-F0902	Carcinoma in situ of male breast
DCM		111308	Carcinoma with metaplasia
DCM		111309	Cartilaginous and osseous change
DCM		111310	Carcinoma in pregnancy and lactation
DCM		111311	Carcinosarcoma
DCM		111312	Intraductal comedocarcinoma with necrosis
DCM		111341	Intraductal carcinoma, high grade
DCM		111313	Intraductal carcinoma, low grade
DCM		111314	Intraductal carcinoma micro-papillary
SNM3		M-88103	Fibrosarcoma

SNM3		M-83153	Glycogen-rich carcinoma
SNM3		M-91501	Hemangiopericytoma
SNM3		DC-F1000	Hodgkin's disease (lymphoma)
DCM		111342	Invasive cribriform carcinoma
DCM		111315	Intracystic papillary carcinoma
SNM3		M-85003	Infiltrating duct carcinoma
DCM		111316	Invasive and in-situ carcinoma
DCM		111317	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	Lymphatic vessel invasion
DCM		111321	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
DCM		111331	Malignant fibrous histiocytoma
DCM		111332	Multifocal invasive ductal carcinoma
DCM		111333	Metastasis to an intramammary lymph node
DCM		111334	Malignant melanoma of nipple
SNM3		DC-F0002	Non-Hodgkin's lymphoma
DCM		111335	Neoplasm of the mammary skin
SNM3		M-91803	Osteogenic sarcoma
DCM		111336	Papillary carcinoma in-situ
SNM3		M-85403	Paget's disease, mammary (of the nipple)
SNM3		M-97313	Plasmacytoma
SNM3		M-90203	Phyllodes tumor, malignant
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
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Context ID 6034
Intended Use of CAD Output
(Most Restrictive Use: Enumerated)

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

Context ID 6035
Composite Feature Relations
(Most Restrictive Use: Enumerated)

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

Context ID 6036
Scope of Feature
(Most Restrictive Use: Enumerated)

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

Context ID 6037
Mammography Quantitative Temporal Difference Type
(Most Restrictive Use: Defined)

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

Context ID 6038
Mammography Qualitative Temporal Difference Type
(Most Restrictive Use: Defined)

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

Context ID 6039
Nipple Characteristic
(Most Restrictive Use: Defined)

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

Context ID 6040
Non-Lesion Object Type
(Most Restrictive Use: Defined)

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		A-04010	Implant
DCM		111168	Scar tissue
SNM3		A-32475	BB shot (Lead Pellet)
SNM3		J-83250	Metal (Lead) Marker
SNM3		A-32110	Bullet
DCM		111170	J Wire
SNM3		A-13600	Staple
SNM3		A-13510	Suture material
SNM3		A-12062	Clip
DCM		111171	Pacemaker
SNM3		A-26800	Catheter
DCM		111172	Paddle
DCM		111173	Collimator
DCM		111174	ID Plate
SNM3		C-B0300	Contrast agent NOS

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM		111175	Other Marker
DCM		111176	Unspecified

Context ID 6041
Mammography Image Quality Finding
(Most Restrictive Use: Defined)

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

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
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
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

Context ID 6042
Status of Results
(Most Restrictive Use: Enumerated)

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

Context ID 6043
Types of Mammography CAD Analysis
(Most Restrictive Use: Defined)

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.

Context ID 6044
Types of Image Quality Assessment
(Most Restrictive Use: Defined)

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

Context ID 6045
Mammography Types of Quality Control Standard
(Most Restrictive Use: Defined)

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

Context ID 6046
Units of Follow-up Interval
(Most Restrictive Use: Defined)

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

Context ID 6047
CAD Processing and Findings Summary
(Most Restrictive Use: Enumerated)

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

Context ID 7000
DIAGNOSTIC IMAGING REPORT DOCUMENT TITLES
(Most Restrictive Use: Baseline)

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	Echo Heart Report
LN	18760-9	Echo 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	Obstetric Echo Pelvis+Fetus Report
LN	18758-3	PET Scan Report
LN	11528-7	Radiology Report

Context ID 7001
DIAGNOSTIC IMAGING REPORT HEADINGS
(Most Restrictive Use: Baseline)

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

Context ID 7002
DIAGNOSTIC IMAGING REPORT ELEMENTS
(Most Restrictive Use: Baseline)

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
(Most Restrictive Use: Baseline)

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
(Most Restrictive Use: Defined)

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

Context ID 7010
Key Object Selection Document Title
(Most Restrictive Use: Defined)

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

Context ID 7011
Rejected for Quality Reasons
(Most Restrictive Use: Defined)

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
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 7452
Organizational Roles
(Most Restrictive Use: Baseline)**

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
(Most Restrictive Use: Baseline)**

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

**CID 7454
Species
(Most Restrictive Use: Defined)**

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

**CID 7455
Sex**

(Most Restrictive Use: Enumerated)

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."

CID 7456

Units of Measure for Age

(Most Restrictive Use: Enumerated)

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

CONTEXT GROUP 7460

Units of Linear Measurement

(Most Restrictive Use: Defined)

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

CONTEXT GROUP 7461
Units of Area Measurement
(Most Restrictive Use: Defined)

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

CONTEXT GROUP 7462
Units of Volume Measurement
(Most Restrictive Use: Defined)

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.

CONTEXT GROUP 7470
Linear Measurements
(Most Restrictive Use: Defined)

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

Coding Scheme Designator (0008,0102)	Coding Scheme Version (0008,0103)	Code Value (0008,0100)	Code Meaning (0008,0104)
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

CONTEXT GROUP 7471

Area Measurements

(Most Restrictive Use: Defined)

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

CONTEXT GROUP 7472

Volume Measurements

(Most Restrictive Use: Defined)

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

CONTEXT GROUP 9231

General Purpose Workitem Definition

(Most Restrictive Use: Baseline)

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
DCM	110008	Print
DCM	110009	No subsequent Workitems

CONTEXT GROUP 9232
Non-DICOM Output Types
(Most Restrictive Use: Baseline)

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

CONTEXT GROUP 12001
Ultrasound Protocol Types
(Most Restrictive Use: Baseline)

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

Context Group 12002
Ultrasound Protocol Stage Types
(Most Restrictive Use: Baseline)

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
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

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		

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
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
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
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
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 an 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
110001	Image Processing	Image processing work item
110002	Quality Control	Quality control work item
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
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
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

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

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
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 SCOOD 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 SCOOD 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
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
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
111104	Individual Calcification	A single identified calcification
111105	Calcification Cluster	Multiple calcifications identified as occupying a small area of tissue (less than 2 cc)
111135	Additional projections	Views not inclusive of MLO and CC (BI-RADS™)
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	
111138	Old films for comparison	
111139	Ductography	A medical procedure used for the sampling of mammary duct tissue
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
111153	Target content items are related temporally	The associated content items are identified 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
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
111171	Pacemaker	A medical appliance used for regulating cardiac rhythms
111172	Paddle	A compression device used for obtaining mammographic images
111173	Collimator	A device used for restricting an X-Ray beam
111174	ID Plate	An area designated on a radiographic film for facility and patient ID information
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
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
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.
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	
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
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
111249	Ductal hyperplasia	
111250	Adenomyoepithelioma	Neoplasms composed of myoepithelial cells
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	
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
111258	Ductal adenoma	Adenoma located in mammary duct, present as discrete sclerotic nodules, solitary or multiple
111259	Diabetic fibrous mastopathy	The occurrence of fibrous tumor-forming stromal proliferation in patients with diabetes mellitus
111260	Extra abdominal 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
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
111263	Fibroadenomatoid hyperplasia	
111264	Fibroadenolipoma	A lipoma with an abundant stroma of fibrous tissue
111265	Foreign body (reaction)	
111269	Galactocele	Retention cyst caused by occlusion of a lactiferous duct

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
111273	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
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
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
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 epithelial 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 apocrine 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
111294	Sclerosing adenosis	Prominent interductal fibrosis of the terminal ductules
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

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
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	
111309	Cartilaginous and osseous change	
111310	Carcinoma in pregnancy and lactation	
111311	Carcinosarcoma	A malignant neoplasm that contains elements of carcinoma and sarcoma, so extensively intermixed as to indicate neoplasia of epithelial and mesenchymal tissue
111312	Intraductal comedocarcinoma with necrosis	Comedocarcinoma of a duct with areas of necrotic tissue
111313	Intraductal carcinoma, low grade	
111314	Intraductal carcinoma micro-papillary	
111315	Intracystic papillary carcinoma	
111316	Invasive and in-situ carcinoma	
111317	Invasive lobular carcinoma	
111318	Leukemic infiltration	
111320	Lymphatic vessel invasion	
111321	Lymphoma	A heterogeneous group of neoplasms arising in the reticuloendothelial and lymphatic systems
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	
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	
111336	Papillary carcinoma in-situ	
111338	Recurrent malignancy	
111340	Squamous cell carcinoma of the nipple	
111341	Intraductal carcinoma, high grade	
111342	Invasive cribriform carcinoma	
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
113026	Double exposure	Double exposure
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	
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	
121038	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	
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	
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	
121301	Simultaneous Doppler	
121302	Simultaneous Hemodynamic	
121303	Simultaneous ECG	
121304	Simultaneous Voice Narrative	

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. Examen d'imagerie complémentaire nécessaire
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	2. Bénin
SRT	1.1	F-01782	2 o'clock position	Situé à 2 heures
BI	3.0	II.AC.b.3	3 - Probably benign – short interval follow-up (1-11 months)	3. Probablement bénin – surveillance à court terme (1 à 11 mois)
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, biopsie à envisager
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. Très évocateur de malignité, agir en conséquence
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
SNM3		M-41610	Abscess	Abcès
DCM		121078	Addendum	Addendum
DCM		111135	Additional projections	Incidence complémentaire
SNM3		M-82003	Adenoid cystic carcinoma	Carcinome adénoïde kystique (cylindrome)
DCM		111248	Adenolipoma	Adénolipome
SNM3		M-81400	Adenoma	Adénome
DCM		111250	Adenomyoepithelioma	Adénomyoépithéliome
SNM3		M-74200	Adenosis	Adénose
SNM3		G-A127	Afferent	Afférent
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 gras
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
SNM3		F-10326	anatomical	Anatomique
SNM3		M-88610	Angiolipoma	Angiolipome
SNM3		M-76100	Angiomatosis	Angiomatose
DCM		111302	Angiosarcoma	Angiosarcome (hémangiosarcome)
SNM3		G-A105	Anterior	Antérieur
SNM3		G-A105	Anterior	Antérieur
SNM3		G-A180	Anterolateral	Antéro-latéral
DCM		111141	Any decision to biopsy should be based on clinical assessment	La décision de biopsie devrait être basée sur les constatations cliniques
SNM3		G-A122	Apical	Apical
SNM3		M-84013	Apocrine adenocarcinoma	Carcinome apocrine
SNM3		M-73310	Apocrine Metaplasia	Métaplasie apocrine
BI	3.0	I.C	Architectural distortion	Distorsion architecturale
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
DCM		111005	Assessment Category	Catégorie
SRT	1.1	F-01793	Asymmetric breast tissue	Asymétrie du tissu mammaire
SRT	1.1	P5-B3412	Asymmetric breast tissue analysis	Analyse de l'asymétrie du tissu mammaire
DCM		111254	Asynchronous involution	Involution asynchrone
DCM		121089	Attending (syn. Consultant)	Consultant
SNM3		M-72175	Atypical intraductal hyperplasia	Hyperplasie intracanalairé atypique
SNM3		M-72105	Atypical lobular hyperplasia	Hyperplasie lobulaire atypique
SNM3		G-A147	Axial	Axial
SRT	1.1	F-01794	Axilla position	Aisselle
BI	3.0	I.E.6	Axillary adenopathy	Adénopathie 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	Lymphome 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
SNM3		G-A123	Basal	Basal
DCM		111307	Basal cell carcinoma of the nipple	Carcinome basocellulaire du mamelon
DCM		121079	Baseline	Référence
SNM3		A-32475	BB shot (Lead Pellet)	Marque de plomb (Grain de plomb)
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
SNM3		G-A102	Bilateral	Bilatéral
DCM		111143	Biopsy should be considered	Biopsie à envisager
DCM		111148	Biopsy should be strongly considered	Biopsie à envisager absolument
DCM		111303	Blood vessel (vascular) invasion	Embole vasculaire
SNM3		T-04080	Both breasts	Les deux seins
SNM3		T-04000	Breast	Sein
DCM		111006	Breast composition	Composition du sein
SRT	1.1	P5-B3414	Breast composition analysis	Analyse de la composition mammaire
DCM		111100	Breast geometry	Morphologie du sein
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
SNM3		A-32110	Bullet	Balle
DCM		111017	CAD Processing and Findings Summary	Résumé du traitement et des résultats du système de DAO ¹
DCM		111105	Calcification Cluster	Foyer de microcalcifications

¹ DAO = Détection Assistée par Ordinateur

DCM		111008	Calcification Distribution	Distribution des calcifications
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	Suture
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
DCM		111308	Carcinoma with metaplasia	Carcinome métaplasique
DCM		111311	Carcinosarcoma	Carcinosarcome
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
SNM3		R-10244	caudo-cranial (from below)	Face caudo-craniale
DCM		111203	CC Nipple not centered on image	Face : mamelon non centré sur l'image
DCM		111202	CC Not all medial tissue visualized	Face : le tissu interne n'est pas totalement visible
DCM		111204	CC Posterior nipple line does not measure within 1 cm of MLO	Face : 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	1.1	F-0178F	Central portion of breast position	Situé dans la partie centrale du sein
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
SNM3		M-92200	Chondroma	Chondrome
SNM3		M-92203	Chondrosarcoma	Chondrosarcome

SNM3		M-02560	Circumference	Circonférence
SRT	1.1	F-01741	Circumscribed lesion	Circonsrites (bien délimitée ou contour net)
SNM3		R-102D2	Cleavage	Sillon inter-mammaire
SNM3		A-12062	Clip	Clip
DCM		111014	Clockface or region	Quadrant ou région
SRT	1.1	F-01761	Coarse (popcorn-like) calcification	Grossière (en popcorn ou coralliforme)
DCM		111195	Collimation too close to breast	Collimation trop proche du sein
DCM		111173	Collimator	Collimateur
SNM3		M-85013	Comedocarcinoma (intraductal)	Carcinome intracanaulaire de type comédo
DCM		111015	Composite Feature	Caractéristique composite
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
SNM3		G-A138	Coronal	Coronal
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
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
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
DCM		111103	Density	Opacité
SRT		G-D785	Depth	Profondeur
DCM		111020	Depth	Profondeur
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
DCM		110011	Dictation	
SRT	1.1	F-017B3	Difference in location	Différence de localisation
SRT	1.1	F-017B7	Difference in margin	Différence de limites
SRT	1.1	F-017B5	Difference in number of calcifications	Différence de nombre de calcifications
SRT	1.1	F-017B2	Difference in opacity	Différence de opacité
SRT	1.1	F-017B6	Difference in shape	Différence de forme
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		111023	Differential Diagnosis/Impression	Diagnostic différentiel/Impression
SRT	1.1	F-01770	Diffuse calcification distribution	Diffuses/disséminées
SNM3		G-A119	Distal	Distal
DCM		121206	Distance	
DCM		113011	Document Title Modifier	Modificateur du titre du document
SNM3		G-A106	Dorsal	Dorsal
DCM		111258	Ductal adenoma	Adénome ductal
DCM		111249	Ductal hyperplasia, Usual	Hyperplasie canalaire
DCM		111139	Ductography	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'œuf ou annulaire
DCM		111217	Electrical failure	Défaillance électrique
DCM		111262	Epidermal inclusion cyst	Kyste épidermique

SRT	1.1	F-01752	Equal density (isodense) lesion	Lésion de densité identique (isodense)
SNM3		F-10440	erect	Debout
SNM3		R-102CF	exaggerated cranio-caudal	Face exagérée
SNM3		G-A112	External	Externe
DCM		111260	Extra abdominal desmoid	Tumeur desmoïde extraabdominale
SNM3		G-A151	Extra-articular	Extra-articulaire
SRT	1.1	F-01714	Extremely dense	Très dense
DCM		111224	Failed	Echec
DCM		111024	Failed Analyses	Échec des analyses
DCM		111025	Failed Detections	Échec des détections
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
ISO5218_1		F	female	Femme
DCM		111264	Fibroadenolipoma	Adénofibrolipome
SNM3		M-90100	Fibroadenoma	Fibroadénome
DCM		111263	Fibroadenomatoid hyperplasia	Hyperplasie fibro-adénomatoïde
SNM3		D7-90310	Fibrocystic disease of breast	Dysplasie fibrokystique du sein
SNM3		M-78800	Fibromatosis	Fibromatose
SNM3		M-88103	Fibrosarcoma	Fibrosarcome
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	Fine linéaire, ou fine linéaire ramifiée (moule galactophorique)
SRT	1.1	F-0176E	Fine, linear, branching (casting) calcification	Fine linéaire, ou fine linéaire ramifiée (moule galactophorique)
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
SRT	1.1	F-01792	Focal asymmetric breast tissue	Asymétrie focale du tissu mammaire
SRT	1.1	P5-B3410	Focal asymmetric density analysis	Analyse de l'asymétrie focale de densité
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)
DCM		111265	Foreign body (reaction)	Réaction à corps étranger
SNM3		F-10380	frog	Position de la grenouille
SNM3		G-A138	Frontal	Frontal
DCM		111269	Galactocele	Galactocèle
SNM3		M-90160	Giant fibroadenoma	Adénofibrome géant
SNM3		M-83153	Glycogen-rich carcinoma	Carcinome riche en glycogène
SNM3		M-95800	Granular cell tumor	Tumeur à cellules granuleuses
DCM		111208	Grid artifact(s)	Artéfact(s) de grille
SRT	1.1	F-01772	Grouped calcification distribution	Calcification groupées (ou en foyer)
SNM3		G-A169	Gutter	Gouttière
SNM3		D7-90420	Gynecomastia	Gynécomastie
SNM3		M-75500	Hamartoma	Hamartome
SNM3		M-91200	Hemangioma	Hémangiome
DCM		111271	Hemangioma – nonparenchymal, subcutaneous	Hémangiome sous-cutané non parenchymateux

SNM3		M-91220	Hemangioma – venous	Hémangiome veineux
SNM3		M-91501	Hemangiopericytoma	Hémangiopéricytome
SNM3		M-35060	Hematoma	Hématome
SRT	1.1	F-0176F	Heterogeneous calcification	Calcification punctiforme irrégulière (polymorphe, hétérogène)
SRT	1.1	F-01713	Heterogeneously dense	Dense et hétérogène
SRT	1.1	F-01751	High density lesion	Lésion de densité élevée
DCM		111149	Highly suggestive of malignancy – take appropriate action	Haute probabilité de malignité - une action appropriée doit être entreprise
SNM3		G-A170	Hilar	Hilaire
SNM3		G-A170	Hilus	Hile
DCM		111145	Histology using core biopsy	Histologie par biopsie à l'aiguille
DCM		121060	History	Antécédents
SNM3		DC-F1000	Hodgkin's disease (lymphoma)	Maladie de Hodgkin
SNM3		G-A142	Horizontal	Horizontal
DCM		111026	Horizontal Imager Pixel Spacing	Espacement horizontal des pixels de l'imageur
UCUM		h	hour	Heure
DCM		111273	Hyperplasia, usual	Hyperplasie simple
DCM		111174	ID Plate	Zone d'identification
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	L'incidence
DCM		111032	Image View Modifier	Modificateur du l'incidence
SNM3		A-04010	Implant	Prothèse
SNM3		R-102D5	Implant Displaced	Prothèse déplacée
SRT	1.1	F-0172B	Implant revised since previous mammogram	Contrôle de la prothèse mammaire
DCM		121073	Impression	Impression
DCM		111033	Impression Description	Description de l'impression
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	Mal définies
DCM		111104	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
SNM3		M-85003	Infiltrating duct carcinoma	Carcinome canalaire infiltrant
SNM3		M-40000	Inflammation	Infection
SNM3		M-85303	Inflammatory carcinoma	Carcinome inflammatoire
SNM3		G-A113	Inner	En dedans
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
SNM3		G-A114	Intermediate	Intermédiaire
DCM		121085	Intern	Interne
SNM3		G-A113	Internal	Interne
DCM		110005	Interpretation	
SNM3		G-A15A	Intra-articular	Intra-articulaire
DCM		111315	Intracystic papillary carcinoma	Carcinome papillaire intrakystique
DCM		111257	Intracystic papilloma	Papillome intrakystique
DCM		111314	Intraductal carcinoma micro-papillary	Carcinome intracanaulaire de type micropapillaire
DCM		111341	Intraductal carcinoma, high grade	Carcinome intracanaulaire
DCM		111313	Intraductal carcinoma, low grade	Carcinome intracanaulaire de bas grade
DCM		111312	Intraductal comedocarcinoma with necrosis	Carcinome intracanaulaire de type comédo avec nécrose
SNM3		M-85030	Intraductal papilloma	Papillome intragalactophorique
BI	3.0	I.D.2	Intra-mammary lymph node	Ganglion intramammaire
DCM		111316	Invasive and in-situ carcinoma	Carcinome infiltrant et in situ
DCM		111342	Invasive cribriform carcinoma	Carcinome infiltrant cribriforme
DCM		111317	Invasive lobular carcinoma	Carcinome lobulaire infiltrant
SNM3		F-10349	inverse Trendelenburg	Trendelenburg inversé
SNM3	3.4	G-A402	Irregular	Irrégulière
DCM		111170	J Wire	Hameçon

SNM3		M-90300	Juvenile fibroadenoma	Fibroadénome juvénile
DCM		111277	Juvenile papillomatosis	Papillomatose juvénile
DCM		113012	Key Object Description	Description de l'objet clé
SNM3		F-10336	knee-chest	Genu pectoral
SNM3		F-10330	kneeling	À genou [à genou]
DCM		111278	Lactating adenoma	Adénome lactant
DCM		111279	Lactational change	Lobule sécrétant
DCM		111281	Large duct papilloma	Papillome solitaire
SRT	1.1	F-01764	Large rod-like calcification	En bâtonnet
SNM3		G-A104	Lateral	Externe
SNM3		F-10318	lateral decubitus	Décubitus latéral
SNM3		R-10228	latero-medial	Profil externe
SNM3		R-10230	latero-medial oblique	Latéro-médial oblique
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
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 limité
DCM		111318	Leukemic infiltration	Infiltration leucémique
SRT	1.1	F-01771	Linear calcification distribution	Linéaires
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
SNM3	3.4	G-A640	Lobular	Lobulée
SNM3		D7-F0A02	Lobular carcinoma in situ of breast	Carcinome lobulaire in situ mammaire
SNM3		G-A185	Long Axis	Grand axe
SNM3		G-A143	Longitudinal	Longitudinal
SRT	1.1	F-01753	Low density (not containing fat) lesion	Faible densité (sans contenu gras)
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	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	1.1	F-01766	Lucent-centered calcification	À centre clair
DCM		111320	Lymphatic vessel invasion	Embole lymphatique
SNM3		T-C4000	Lymph node	Ganglion lymphatique
DCM		111321	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
DCM		111331	Malignant fibrous histiocytoma	Histiocytofibrome malin
DCM		111334	Malignant melanoma of nipple	Mélanome malin du mamelon
SNM3		D7-90370	Mammary duct ectasia	Galactophorite ectasiente 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	Applicable only for mass screening. Not yet applicable for other case of practice but work in progress in France. We will provide references ASAP when will find them.
SNM3		G-A177	Marginal	Marginal
DCM		111037	Margins	Limites
DCM		111216	Mechanical failure	Défaillance mécanique
SNM3		G-A109	Medial	Médial
SNM3		G-A109	Median	Médian
SNM3		R-10224	medio-lateral	Profil interne
SNM3		R-10226	medio-lateral oblique	Médiolatéral oblique
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	Microlobulées
UCUM		um	micrometer	Micromètre
SNM3		G-A109	Middle	Milieu
SNM3		G-A109	Middle	Médian
SRT	1.1	F-01765	Milk of calcium calcification	Sédiment calcique
UCUM		mm	millimeter	Millimètre
SRT		G-A194	Minor Axis	Axe secondaire
UCUM		min	minute	Minute
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
UCUM		mo	month	Mois
UCUM	1.4	mo	Month	Mois
SRT	1.1	F-01729	More defined	Mieux limité
DCM		111210	Motion blur	Mouvement du patient
LN		18755-9	MR Report	Compte rendu IRM
SNM3		M-84803	Mucinous adenocarcinoma (Colloid carcinoma)	Carcinome (mucineux) colloïde
DCM		111329	Multifocal intraductal carcinoma	Carcinome intracanaire multifocal
DCM		111332	Multifocal invasive ductal carcinoma	Carcinome canalaire infiltrant multifocal
DCM		111285	Multiple Intraductal Papillomas	Papillomes multiples
DCM		111283	Myofibroblastoma	Myofibroblastome
DCM		111144	Needle localization and biopsy	Répérage métallique préopératoire et biopsie-exérèse
DCM		111335	Neoplasm of mammary skin	Tumeur de la peau mammaire
SNM3		M-95400	Neurofibroma	Neurofibrome
DCM		111288	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		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	
SNM3		DC-F0002	Non-Hodgkin's lymphoma	Lymphome non hodgkinien
DCM		111102	Non-lesion	Pas de lésion
DCM		111251	Normal axillary node	Ganglion axillaire normal
DCM		111287	Normal breast tissue	Tissu mammaire normal
DCM		111140	Normal interval follow-up	Intervalle normal de surveillance
SNM3		M-02000	Normal shape	Forme normale
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	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	Interessant
DCM		111290	Oil cyst (fat necrosis cyst)	Cystostéatonecrose kystisée
DCM		111138	Old films for comparison	Clichés antérieurs pour comparaison
SNM3		G-A103	One-sided	Situé d'un seul côté
DCM		111040	Original Source	Source originelle
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
SNM3	3.4	M-02120	Ovoid shape (Oval)	Ovale
DCM		111171	Pacemaker	Stimulateur cardiaque
DCM		111172	Paddle	Pelotte de compression
SNM3		M-85403	Paget's disease, mammary (of the nipple)	Maladie de Paget du mamelon
SNM3		M-80503	Papillary carcinoma (invasive)	Carcinome papillaire infiltrant
DCM		111336	Papillary carcinoma in- situ	
SNM3		M-80500	Papilloma	Papillome
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
DCM		111045	Pectoral Muscle Outline	Contour du muscle pectoral
DCM		111046	Percent Glandular Tissue	Pourcentage de tissu glandulaire
DCM		121094	Performing	Réalisateur de l'examen
SRT		G-A197	Perimeter	Périmètre
DCM		121213	Perimeter Outline	Délimitation du périmètre
SNM3		G-A111	Peripheral	Périphérique
DCM		111299	Peripheral duct papillomas	Papillomes périphériques
SRT		G-A195	Perpendicular Axis	Axe orthogonal
SNM3		M-90201	Phyllodes tumor	Tumeur phyllode
SNM3		M-90203	Phyllodes tumor, malignant	Sarcome phyllode (Cystosarcome phyllode malin)
DCM		121081	Physician	Médecin
SNM3		M-97313	Plasmacytoma	Plasmocytome
SNM3		M-89400	Pleomorphic adenoma	Adénome pléomorphe
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

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
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
SNM3		F-10310	prone	Procubitus
SNM3		G-A118	Proximal	Proximal
DCM		111292	Pseudoangiomatous stromal hyperplasia	Hyperplasie stromale pseudo- angiomateuse
SRT	1.1	F-01767	Punctate 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
DCM		111293	Radial scar	Cicatrice radiaire
DCM		121084	Radiographer	Manipulateur (rice)
LN		11528-7	Radiology Report	Compte rendu radiologique
SNM3		G-A196	Radius	Rayon
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
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
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
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
DCM		111168	Scar tissue	Tissu cicatriciel
SRT	1.1	F-01712	Scattered fibroglandular densities	Opacités fibro-glandulaires éparses
DCM		111294	Sclerosing adenosis	Adénose sclérosante
DCM		111057	Scope of Feature	Champ des caractéristiques
SNM3		M-85023	Secretory (juvenile) carcinoma of the breast	Carcinome mammaire sécrétoire (juvénile)
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
SNM3		M-36050	Seroma	Lymphocèle
SNM3		M-020F9	Shape	Forme
SNM3		G-A186	Short Axis	Petit axe
SNM3		M-84903	Signet ring cell carcinoma	Carcinome à cellules en bague à chaton
DCM		111296	Silicone granuloma	Granulome au silicone
DCM		111059	Single Image Finding	Élément présent sur une seule image
SNM3		F-103A0	sitting	Assis
BI	3.0	I.E.5	Skin lesion	Lésion cutanée

BI	3.0	I.E.1	Skin retraction	Rétraction cutanée
BI	3.0	I.E.3	Skin thickening	Épaississement cutané
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
SRT	1.1	F-01745	Spiculated lesion	Spiculées
SNM3		M-78190	Spindle cell nodule (tumor)	Nodule (tumeur) à cellules fusiformes
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
SNM3		F-10320	standing	En position verticale
SNM3		A-13600	Staple	Agrafe
SNM3		F-10390	stooped-over	Penché en avant
DCM		111060	Study Date	Date de l'étude
DCM		111061	Study Time	Heure de l'étude
SRT	1.1	F-0178D	Subareolar position	Situation rétroaréolaire
SNM3		G-A172	Subcapsular	Sous-capsulaire
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, agir en conséquence
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
SNM3		R-102D0	superolateral to inferomedial oblique	Supérolatéral vers inféromédial oblique
SNM3		F-10340	supine	Décubitus
SNM3		T-11218	Suprasternal notch	Creux sus-sternal
SNM3		G-A168	Surface	Surface
SNM3		A-13510	Suture material	Matériel de suture
SNM3		R-102C2	Tangential	Tangentiel

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
DCM		111153	Target content items are related temporally	Les items de contenu sont reliés temporellement
DCM		111194	Technical factors missing	Paramètres techniques absents
DCM		121083	Technologist	Technicien
SRT	1.1	P5-B3406	Temporal correlation	Corrélation temporelle
SNM3		D3-87780	Thrombophlebitis of breast (Mondor's disease)	Thrombophlébite du sein (maladie de Mondor)
DCM		111239	Title 21 CFR Section 900, Subpart B	Applicable only for mass screening. Not yet applicable for other case of practice but work in progress in France. We will provide references ASAP when will find them.
BI	3.0	I.E.4	Trabecular thickening	Épaississement trabéculaire
DCM		110006	Transcription (task)	
DCM		110012	Transcription (type of output)	
SNM3		G-A117	Transverse	Transverse
SNM3		F-10348	Trendelenburg	Trendelenburg
SNM3		M-82113	Tubular adenocarcinoma	Carcinome tubuleux
SNM3		M-82110	Tubular adenoma	Adénome tubuleux
BI	3.0	I.D.1	Tubular density	Opacité tubulaire
DCM		111137	Ultrasound	Échographie
LN		18760-9	Ultrasound Report	Compte rendu d'échographie
DCM		111211	Under exposed	Sous-exposé
SNM3		G-A103	Unilateral	Unilatéral
DCM		111221	Unknown failure	Défaillance inconnue
DCM		111176	Unspecified	Non spécifié
DCM		111235	Unusable — Quality renders image unusable	Inexploitable — La qualité rend l'image inexploitable
SNM3		G-A116	Upper	En haut
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	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
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	Exploitable — Répond aux

			quality control standard	standards de contrôle de qualité
SRT	1.1	F-0176B	Vascular calcification	Vasculaire
SNM3		G-A105	Ventral	Ventral
DCM		121098	Verifying	Qui vérifie
SNM3		G-A144	Vertical	Vertical
DCM		111066	Vertical Imager Pixel Spacing	Espacement vertical des pixels de l'imageur
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 marqueur plombé n'indique ni l'incidence ni le côté
DCM		111183	View and Laterality Marker is incorrect	Le marqueur plombé est incorrect
DCM		111177	View and Laterality Marker is missing	Marqueur plombé absent
DCM		111180	View and Laterality Marker is not near the axilla	Le marqueur plombé n'est pas près de l'aisselle
DCM		111184	View and Laterality Marker is off image	Le marqueur plombé est en dehors du film
DCM		111182	View and Laterality Marker is partially obscured	Le marqueur plombé est partiellement masqué
DCM		111181	View and Laterality Marker overlaps breast tissue	Le marqueur plombé 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 two non-coplanar 2D regions	Volume estimé à partir de 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 ellipsoïde
DCM		121222	Volume of sphere	Volume d'une sphère
UCUM		wk	week	Semaine
UCUM	1.4	wk	Week	Semaine
SNM3		G-A220	Width	Largeur
UCUM		a	year	Année

UCUM	1.4	a	Year	Année
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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 D eveloppement 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
DCM		111248	Adénolipome	A0L2
DCM		111258	Adénome ductal	A0B2
DCM		111278	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
DCM		111294	Adénose sclérosante	6772
SNM3		M-88610	Angiolipome	L0P1
SNM3		M-76100	Angiomatose	V0C0
DCM		111302	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 intracanaulaire	A5B2
SNM3		D7-F0A02	Carcinome lobulaire in situ mammaire	A5B0
DCM		111317	Carcinome lobulaire infiltrant	A7B1
SNM3		M-85023	Carcinome mammaire sécrétoire (juvénile)	A7N7
SNM3		M-85103	Carcinome médullaire	A7X2
DCM		111308	Carcinome métaplasique	A7W0
SNM3		M-80503	Carcinome papillaire infiltrant	A7C6
SNM3		M-82113	Carcinome tubuleux	A7F0
SNM3		M-92200	Chondrome	C0A0

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning French Language	Equivalent ADICAP Code
SNM3		M-92203	Chondrosarcome	C7A0
DCM		111293	Cicatrice radiaire	6773
SNM3		D7-90434	Cytostéatonécrose mammaire	5230
SNM3		M-78800	Fibromatose	F0F0
SNM3		M-90100	Fibroadénome	A0P2
SNM3		M-90300	Fibroadénome juvénile	A0P2
SNM3		M-88103	Fibrosarcome	F7A0
SNM3		D7-90370	Galactophorite ectasiant mammaire (ectasie canalaire mammaire)	6546
SNM3		D7-90420	Gynécomastie	6551
SNM3		M-75500	Hamartome	D0S0
SNM3		M-91200	Hémangiome	V0A0
DCM		111271	Hémangiome sous-cutané non parenchymateux	V0A0
SNM3		M-91220	Hémangiome veineux	VOA8
SNM3		M-91501	Hémangiopéricytome	V0K0
DCM		111249	Hyperplasie canalaire	6712
SNM3		M-72175	Hyperplasie intracanaire 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		DC-F0002	Lymphome non hodgkinien	K7G0
SNM3		DC-F1000	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
DCM		111265	Réaction à corps étranger	7440
SNM3		M-90203	Sarcome phyllode (Cystosarcome phyllode malin)	A7P6
SNM3		M-95800	Tumeur à cellules granuleuses	X0H4

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning French Language	Equivalent ADICAP Code
SNM3		M-90201	Tumeur phyllode	A0P6

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	2 - 良性
SRT	1.1	F-01782	2 o'clock position	2時
BI	3.0	II.AC.b.3	3 - Probably benign - short interval follow-up (1-11 months)	3 - 良性 - しかし悪性を否定できず - 短い間隔での経過観察が必要 (1-11ヶ月)
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
DCM		111248	Adenolipoma	腺脂肪腫
SNM3		M-81400	Adenoma	
DCM		111250	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
DCM		111003	Algorithm Version	アルゴリズム・バージョン (版番号)

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
DCM		111302	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	
BI	3.0	I.C	Architectural distortion	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
DCM		111254	Asynchronous involution	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	
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）

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
DCM		111006	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
DCM		111105	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
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
DCM		111308	Carcinoma with metaplasia	化生を伴う癌
DCM		111311	Carcinosarcoma	
DCM		111309	Cartilaginous and osseous change	

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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1 cm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
DCM		111173	Collimator	コリメータ
SNM3		M-85013	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
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
DCM		111103	Density	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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
DCM		111249	Ductal hyperplasia, Usual	乳管過形成；乳管内過形成
DCM		111139	Ductography	乳管造影 (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
DCM		111262	Epidermal inclusion cyst	
SRT	1.1	F-01752	Equal density (isodense) lesion	等濃度
DCM		111260	Extra abdominal 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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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ト/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
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	

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111142	Follow-up at short interval (1-11 months)	短期間での経過観察（1－11ヶ月）（F）
DCM		111265	Foreign body (reaction)	異物反応
DCM		111269	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
DCM		111271	Hemangioma – nonparenchymal, subcutaneous	非実質性皮下血管腫
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
DCM		111149	Highly suggestive of malignancy – take appropriate action	
DCM		111145	Histology using core biopsy	コア針生検（H）
SNM3		DC-F1000	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
DCM		111273	Hyperplasia, usual	
DCM		111174	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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
DCM		111104	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
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	
DCM		111257	Intracystic papilloma	
DCM		111314	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	
BI	3.0	I.D.2	Intra-mammary lymph node	乳房内リンパ節
DCM		111316	Invasive and in-situ carcinoma	
DCM		111342	Invasive cribriform carcinoma	浸潤性篩状癌
SNM3		M-85003	Infiltrating duct carcinoma	浸潤性乳管癌

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111317	Invasive lobular carcinoma	浸潤性小葉癌
SNM3	3.4	G-A402	Irregular	不整形
DCM		111170	J Wire	Jワイヤー
SNM3		M-90300	Juvenile fibroadenoma	若年性線維腺腫
DCM		111277	Juvenile papillomatosis	若年性乳頭腫症
DCM		111278	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
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：L C I S
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	Lymphatic vessel invasion	
SNM3		T-C4000	Lymph node	
DCM		111321	Lymphoma	
SNM3		R-102D6	Magnification views	拡大撮影（M）
DCM		111331	Malignant fibrous histiocytoma	
DCM		111334	Malignant melanoma of nipple	乳頭の悪性黒色腫

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
SNM3		D7-90370	Mammary duct ectasia	乳管拡張症
SRT	1.1	F-01791	Mammographic breast mass	腫瘍
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	
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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
DCM		111144	Needle localization and biopsy	針留置による位置決めと生検 (L)
DCM		111335	Neoplasm of mammary skin	乳房皮膚の新生物
SNM3		M-95400	Neurofibroma	神経線維腫
DCM		111288	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		DC-F0002	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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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
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 (O)
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
DCM		111171	Pacemaker	ペースメーカー
DCM		111172	Paddle	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
DCM		111336	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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
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	
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
DCM		111293	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	
DCM		111168	Scar tissue	瘢痕組織
SRT	1.1	F-01712	Scattered fibroglandular densities	乳腺散在

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111294	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）
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
BI	3.0	I.E.5	Skin lesion	皮膚病変
BI	3.0	I.E.1	Skin retraction	皮膚陥凹
BI	3.0	I.E.3	Skin thickening	皮膚肥厚
DCM		111218	Software failure	ソフトウェアの故障
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)

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111065	Summary of Analyses	解析の要約
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	
BI	3.0	I.E.4	Trabecular thickening	梁柱の肥厚
SNM3		M-82113	Tubular adenocarcinoma	管状癌
SNM3		M-82110	Tubular adenoma	管状腺腫
BI	3.0	I.D.1	Tubular density	管状影
DCM		111137	Ultrasound	超音波検査 (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
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

Coding Scheme Designator	Coding Scheme Version	Code Value	Code Meaning English Language	Code Meaning Japanese Language
DCM		111178	View and Laterality Marker does not have both view and laterality	鉛マーカ-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-は正しい位置にない
DCM		111177	View and Laterality Marker is missing	鉛マーカ-がみられない
DCM		111180	View and Laterality Marker is not near the axilla	鉛マーカ-は腋窩の近くにならない
DCM		111184	View and Laterality Marker is off image	鉛マーカ-がフィルム外である
DCM		111182	View and Laterality Marker is partially obscured	鉛マーカ-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