

DICOM Correction Item

Correction Number CP-374	
Log Summary: Correct View Codes	
Type of Modification Modification, Addition	Name of Standard PS 3.16 2003
<p>Rationale for Correction:</p> <p>The context groups identifying codes for image views, projections, transducer positions, and patient orientations do not use valid SNOMED terms:</p> <ul style="list-style-type: none">- some codes are used for entirely different concepts in SNOMED (e.g., G-A11A is "red", not "mid-longitudinal")- some modifier concepts have a different, well-established code in SNOMED- some codes are obviously temporary and meant to be replaced before publication (the Y-X17.. codes apparently left over from a SNOMED "temporary axis")- distinct concepts have the same code- a typographical error had the concept "Cranial" listed as code G-A10A, rather than G-A107. <p>Additional issues have been corrected in the June 2003 release of SNOMED, including the addition of over 140 codes for projections and image views.</p>	
Sections of documents affected PS 3.16 Annex B, Annex G, new Annex X	
Correction Wording:	

Modify PS3.16 Annex B

Context ID 5

Transducer Approach

Type: Extensible Version: ~~20020904~~20040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
SNM3	G-A10A 7	Cranial
SNM3	G-A10A	Midline
SNM3	G-A11A G-A188	Mid-longitudinal
SNM3	G-A11B G-A189	Parasagittal
SNM3	G-A12A R-42142	Intraluminal
SNM3	G-A16A G-A171	Capsule ar
SNM3	G-A16B T-D0048	Lumen
SNM3	G-A16C G-4022	Contact with
SNM3	G-A16D T-D0062	Parenchyma

Note: In a prior version of this Context Group, the codes G-A11A, G-A11B, G-A12A, G-A16A, G-A16B, G-A16C, and G-A16D were specified for various concepts. The use of some of those codes conflicts with their assignment to other concepts in SNOMED, and their use in this context is deprecated. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex X.

Note to editor: G-A10A Midline was improperly deleted by CP295 due to the typo on G-A107 Cranial.

Context ID 6

Transducer Orientation

Type: Extensible Version: ~~20020904~~20040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
SNM3	G-A11B G-A189	Parasagittal
...		
SNM3	R-44300 G-A117	Transverse

Note: In a prior version of this table, the code G-A11B was specified for the concept Parasagittal. The use of this code conflicts with its assignment to another concept in SNOMED, and its use in this context is deprecated. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex X.

Context ID 21

Patient Gantry Relationship

Type: Extensible Version: 2002090420040322

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

- Notes: **1. The use of this Context Group in the Patient Orientation Modifier Code Sequence (0054,0412) of the NM Image IOD and the PET Image IOD (see PS3.3) requires a Coding Scheme Designator value of "99SDM".**
- 2. The NM IOD uses in a prior version of this Context Group, the codes G-5190 and G-5191 were specified for the concepts "headfirst" and "feet-first". The use of these codes is deprecated which are retired (and as they are not actually in SNOMED). Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex X.**

Context ID 26

Nuclear Medicine Projections

Type: Extensible Version: 2002090420040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
SNM3	G-A117	Transaxial <u>Transverse</u>
SNM3	R-11300	Transverse

Note: In a prior version of this table, the code G-A117 was specified for the concept Transaxial, and R-11300 was specified for the concept Transverse. Since these concepts are synonymous in nuclear projections, and since SNOMED assigns G-A117 to the concept Transverse, the use of R-11300 is deprecated. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex X.

**Context ID 4010
 DX View**

Type: Extensible Version: ~~20020904~~20040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
SNM3	R-10226 R-40783	lateral oblique
...		
SNM3	R-10230 R-40782	medial oblique

Note: In a prior version of this Context Group, Lateral Oblique was assigned the code R-10226, and Medial Oblique was assigned the code R-10230, as synonymous with Medio-Lateral Oblique and Latero-Medial Oblique, respectively. SNOMED currently distinguishes between LO and MLO, and between MO and LMO, although in most radiography contexts there is no practical distinction. Receiving applications should be aware that they may receive SOP Instances with the prior code assignments.

**Context ID 4011
 DX View Modifier**

Type: Extensible Version: ~~20020904~~20040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	R-10244	cephalad
SNM3	R-10242	caudad
SNM3	R-102C9 R-40885	transthoracic
SNM3	R-102CA R-40799	lordotic
SNM3	R-102CB R-4087B	transforaminal
SNM3	R-102CC G-D00B	transoral
SNM3	R-102CE R-40554	transorbital

Note: In a prior version of this Context Group, the codes R-102C9, R-102CA, R-102CB, R-102CC, and R-102CE were specified for various concepts. Those codes are not actually in SNOMED, and their use in this context is deprecated. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex X.

Context ID 4012
Projection Eponymous Name

Type: Extensible Version: 2002090420040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
<u>SRT</u>	<u>R-40809</u>	<u>Brewerton projection</u>
<u>SRT</u>	<u>R-4080A</u>	<u>Harris Beath axial projection</u>
<u>SRT</u>	<u>R-4080D</u>	<u>Judet projection</u>
<u>SRT</u>	<u>R-4080E</u>	<u>Mortice projection</u>
<u>SRT</u>	<u>R-40816</u>	<u>van Rosen projection</u>

Context ID 4014
View for Mammography

Type: Non-Extensible Version: 2002090420040322

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	ACR BI-RADS Equivalent
...			
<u>SNM3_SRT</u>	Y-X1770 <u>R-1024A</u>	cranio-caudal exaggerated laterally	XCCL
<u>SNM3_SRT</u>	Y-X1771 <u>R-1024B</u>	cranio-caudal exaggerated medially	XCCM

Note: In a prior version of this Context Group, Cranio-Caudal Exaggerated Laterally was assigned the code Y-X1770, and Cranio-Caudal Exaggerated Medially was assigned the code Y-X1771. Those codes are deprecated, as they are not valid SNOMED codes. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated codes, receiving applications should be aware of this change; see Annex X.

Modify PS3.16 Annex G

**Annex G
English Code Meanings of Selected Codes (Normative)**

Coding Scheme Designator (0008,0102)	Coding Scheme Version	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3		G-5200 R-10206	Antero-posterior
			AP
SNM3		G-5201 R-10214	Postero-anterior
			PA
SNM3		G-5210 R-10246	Oblique axial
			Oblique caudo-cranial
			Oblique cranio-caudal
			Oblique transaxial
			Off-axial
			Off-axial projection
SNM3		G-5220 R-10224	Medial-lateral
			Medio-lateral
SNM3		G-5221 R-10230	Lateral-medial
			Latero-medial
SNM3		G-5222 R-10232	Right lateral projection
			Left to right beam projection
SNM3		G-5223 R-10236	Left lateral projection
			Right to left beam projection
SNM3		R-10242	<u>caudad</u>
			<u>caudal projection</u>
			<u>cranio-caudal projection</u>
SNM3		R-10244	<u>cephalad</u>
			<u>cranial projection</u>
			<u>caudo-cranial projection</u>
			<u>from below</u>
SNM3		R-4087B	<u>transforaminal</u>
			<u>optic foramen projection</u>
...			
SNM3		G-A107	Cephalic
			Cephalad
			Rostral

			Cranial
			Caudal-cranial
			Caudal-cranial
SNM3		G-A108	Caudal
			Caudad
			Cranial-caudad
			Cranial-caudal
			Cranio-caudal
...			
SNM3		G-A10A	Cranial Mediolateral
			Midline
...			
SNM3		G-A145 R-102CD	Sagittal Projection
			Lateral Projection
SNM3		G-A16C G-4022	Contact with
			Direct contact

Note to editor: Synonyms for G-5200, G-5201, G-5210, G-5220, G-5221, G-5222, and G-5223 (nuclear projections) were retired by CP331, but they are reinstated here with different codes for X-ray projections.

Add new PS3.16 Annex X

Annex X SNOMED DICOM Microglossary Retired Codes (Normative)

This Annex identifies coded terms specified in earlier versions of the Standard that were included in the SNOMED DICOM Microglossary. The Microglossary and these coded terms are retired. Some of the codes conflict with codes defined in SNOMED.

Implementors of the Standard are cautioned that:

- some applications may continue to send retired codes with the meaning defined in this Annex
- the retired codes may be associated with coding scheme designator 99SDM or SNM3
- retired codes may be encountered in existing SOP Instances stored in archives
- applications receiving SOP Instances should continue to support retired codes with the meaning defined in this Annex
- some applications may not trigger expected behavior (e.g. hanging protocols, image processing) when receiving SOP Instances with the replacement codes
- DICOM applications and SOP Instances shall never use the retired codes with a meaning other than that defined in this Annex

SNOMED DICOM Microglossary Retired Codes

Retired Code Value	Code Meaning	Replacement Code (SNOMED)	Notes
G-5190	Headfirst	F-10470	
G-5191	Feet-first	F-10480	
G-A11A	Mid-longitudinal	G-A188	
G-A11B	Parasagittal	G-A189	
G-A12A	Intraluminal	R-42142	
G-A16A	Capsule	G-A171	Replacement code has meaning "Capsular"
G-A16B	Lumen	T-D0048	
G-A16C	Contact	G-4022	Replacement code has meaning "Contact with"
G-A16D	Parenchyma	T-D0062	
R-102C9	Transthoracic	R-40885	
R-102CA	Lordotic	R-40799	
R-102CB	Transforamenal	R-4087B	
R-102CC	Transoral	G-D00B	
R-102CE	Transorbital	R-40554	
R-11300	Transverse	G-A117	
Y-X1770	Cranio-caudal exaggerated laterally	R-1024A	
Y-X1771	Cranio-caudal exaggerated medially	R-1024B	

