

DICOM Correction Item

Correction Number	CP-511
Log Summary:	Change hemo annotations from DICOM to SNOMED
Type of Modification	Name of Standard
Correction	PS 3.16-2004
Rationale for Correction: Several DICOM terms are retired in favor of SNOMED terms.	
Sections of documents affected PS 3.16 Annex A, B, D, H	
Correction Wording:	

Modify PS3.16 Annex A

TID 3505 Atrial Pressure Measurement Type: Extensible

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
5	>	CONTAINS	INCLUDE	DTID (300) Measurement	1	M		\$Measurement = EV (409027F-31150, DCMSRT , "Mean blood pressure") \$Units = DCID (3500) Pressure Units
...								

TID 3506 Venous Pressure Measurement Type: Extensible

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
3	>	CONTAINS	INCLUDE	DTID (300) Measurement	1	M		\$Measurement = EV (409027F-31150, DCMSRT , "Mean blood pressure") \$Units = DCID (3500) Pressure Units
...								

Modify PS3.16 Annex B

**Context ID 3337
 Hemodynamic Annotations**

Type: Extensible Version: 2003032720050322

Coding Scheme Designator	Code Value	Code Meaning
...		
<u>DCM-SRT</u>	<u>409020</u> <u>F-00E22</u>	<u>Average</u> diastolic <u>blood</u> pressure, average
<u>DCM-SRT</u>	<u>409020</u> <u>F-00E1F</u>	<u>Minimum</u> diastolic <u>blood</u> pressure nadir
<u>DCM-SRT</u>	<u>409022</u> <u>F-32011</u>	End diastole
...		
<u>DCM-SRT</u>	<u>409027</u> <u>F-31150</u>	Mean blood pressure
...		
<u>DCM-SRT</u>	<u>409032</u> <u>F-00E14</u>	<u>Average</u> systolic <u>blood</u> pressure, average
<u>DCM-SRT</u>	<u>409033</u> <u>F-00E11</u>	<u>Maximum</u> systolic peak <u>blood</u> pressure
...		

**Context ID 3611
 Pressure Measurements**

Type: Extensible Version: 2003032720050322

Coding Scheme Designator	Code Value	Code Meaning
DCM	109016	A wave peak pressure
DCM	122196	C wave pressure
LN	8462-4	Intravascular diastolic blood pressure
<u>DCM-SRT</u>	<u>409020</u> <u>F-00E22</u>	<u>Average</u> diastolic <u>blood</u> pressure, average
<u>DCM-SRT</u>	<u>409022</u> <u>F-00E1F</u>	<u>Minimum</u> diastolic <u>blood</u> pressure nadir
DCM	122191	Ventricular End Diastolic pressure
DCM	122197	Gradient pressure, average
DCM	122198	Gradient pressure, peak
<u>DCM-SRT</u>	<u>409027</u> <u>F-31150</u>	Mean blood pressure
DCM	122199	Pressure at dp/dt max
LN	8480-6	Intravascular Systolic Blood pressure
<u>DCM-SRT</u>	<u>409032</u> <u>F-00E14</u>	<u>Average</u> systolic <u>blood</u> pressure, average
<u>DCM-SRT</u>	<u>409033</u>	<u>Maximum</u> systolic peak <u>blood</u> pressure

	F-00E11	
...		

Modify PS3.16 Annex D

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

Code Value	Code Meaning	Definition	Notes
...			
109020	<i>Diastolic pressure, average</i>	<i>The average of several diastolic pressure measurements</i>	<u>Retired. Replaced with (F-00E22, SRT, "Average diastolic blood pressure")</u>
109021	<i>Diastolic pressure nadir</i>	<i>The lowest pressure value excluding any undershoot artifact.</i>	<u>Retired. Replaced with (F-00E1F, SRT, "Minimum diastolic blood pressure")</u>
109022	<i>End diastole</i>	<i>The moment at the end of the diastolic phase of the cardiac cycle.</i>	<u>Retired. Replaced with (F-32011, SRT, "End diastole")</u>
...			
109027	<i>Mean blood pressure</i>	<i>The average blood pressure value, generally over 2 or more seconds</i>	<u>Retired. Replaced with (F-31150, SRT, "Mean blood pressure")</u>
...			
109032	<i>Systolic pressure, average</i>	<i>The average of several systolic blood pressure measurements.</i>	<u>Retired. Replaced with (F-00E14, SRT, "Average systolic blood pressure")</u>
109033	<i>Systolic peak pressure</i>	<i>The highest systolic blood pressure value excluding any overshoot artifact</i>	<u>Retired. Replaced with (F-00E11, SRT, "Maximum systolic blood pressure")</u>
...			