

DICOM Correction Item

Correction Number	CP-428
Log Summary: Add Summary Assessments to TID 3570 and 3812	
Type of Modification	Name of Standard
Addition	PS 3.16
Rationale for Correction: The Hemodynamic Measurement Report and the Cath Lab Report need to support additional summary qualitative assessments of the patient hemodynamics.	
Sections of documents affected PS 3.16	
Correction Wording:	

TID 3570 Summary, Hemodynamics

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINS	CONTAINER	EV (121111, DCM, "Summary")	1	M		
2	>	CONTAINS	TEXT	EV (121111, DCM, "Summary")	1	U		
3	>	CONTAINS	INCLUDE	DTID (300) Measurement	1-n	U		
4	>	CONTAINS	CODE	EV (D3-40300, SRT, "Pulmonary Hypertension"), EV (121071, DCM, "Finding")	1-n	U		DCID (240) Present-Absent-DCID (x3640) Hypertension
5	≥		INCLUDE	DTID (1350) "Negation Modifier, Presence of Finding"	1	U		
6	≥	HAS PROPERTIES	CODE	EV (G-C197, SRT, "Severity")	1	U		DCID (3716) Severity
7	≥	CONTAINS	CODE	DCID (x3641) Hemodynamic Assessments	1-n	U		DCID (x3642) Degree Findings
8	≥	HAS PROPERTIES	CODE	EV (G-C0B2, SRT, "Condition")	1	U		EV (x0002, 99CP428, "Large v-wave")
9	≥	CONTAINS	CODE	EV (121071, DCM, "Finding")	1	U		EV (x0003, 99CP428, "Diastolic pressure equalization")

TID 3812 Hemodynamic Findings

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINS	CONTAINER	EV (121070, DCM, "Findings")	1	M		

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
2	>	HAS CONCEPT MOD	CODE	EV (121058, DCM, "Procedure reported")	1	M		DT (PA-50030, SRT, "Hemodynamic measurements")
3	>	CONTAINS	CODE	EV (D3-40300, SRT, "Pulmonary Hypertension") EV (121071, DCM, "Finding")	1-n	U		DCID (240) Present-Absent DCID (x3640) Hypertension
4	≥		INCLUDE	DTID (1350) "Negation Modifier, Presence of Finding"	1	U		
5	≥	HAS PROPERTIES	CODE	EV (G-C197, SRT, "Severity")	1	U		DCID (3716) Severity
6	≥	CONTAINS	CODE	DCID (x3641) Hemodynamic Assessments	1-n	U		DCID (x3642) Degree Findings
7	≥	HAS PROPERTIES	CODE	EV (G-C0B2, SRT, "Condition")	1	U		EV {x0002, 99CP428, "Large v-wave"}
8	≥	CONTAINS	CODE	EV (121071, DCM, "Finding")	1	U		EV {x0003, 99CP428, "Diastolic pressure equalization"}
49	>	CONTAINS	INCLUDE	DTID (3819) Common Findings	1-n	U		\$Report = DT (122120, DCM, "Hemodynamics Report")

CID x3640 Hypertension

**Context ID x3640
Hypertension**

Type: Extensible Version: 2004mmdd

Coding Scheme Designator	Code Value	Code Meaning
SRT	D3-40300	Pulmonary hypertension
SRT	D3-02000	Systemic arterial hypertension

CID 3641 Hemodynamic Assessments

**Context ID 3641
Hemodynamic Assessments**

Type: Extensible Version: 2004mmdd

Coding Scheme Designator	Code Value	Code Meaning
SRT	F-03E0D	Left Ventricular Systolic Pressure
SRT	F-03E0E	Left Ventricular End-Diastolic Pressure
SRT	F-0212C	Pulmonary Artery Pressure
SRT	F-03E86	Pulmonary Vascular Resistance
SRT	F-31146	Pulmonary Capillary Wedge Pressure

SRT	F-03DFE	Right Ventricular Systolic Pressure
SRT	F-03E02	Right Ventricular End-Diastolic Pressure
SRT	F-03DE9	Right Atrial Pressure
SRT	F-39790	Vascular Resistance
SRT	F-31120	Diastolic Pressure

CID x3642 Degree Findings

**Context ID x3642
 Degree Findings**

Type: Extensible Version: 2004mmdd

Coding Scheme Designator	Code Value	Code Meaning
SRT	G-A316	Decreased
SRT	G-A373	Elevated
SRT	G-A37A	Severely Elevated
SRT	R-40765	Normal Range

Add new Controlled Terminology to PS3.16 Annex D

x0002	<u>Large v-wave</u>	<u>Finding of large v-wave in hypertension</u>	
x0003	<u>Diastolic pressure equalization</u>	<u>Finding of hemodynamic pressure equalization between the left and right ventricles at end-diastole, indicative of constrictive pericarditis</u>	