

1	Status	Final Text
2	Date of Last Update	2024/03/24
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7	Submission Date	2023/07/18

8	Correction Number CP-2329	
9	Log Summary: Extend histology and microscopy imaging procedure protocol codes	
10	Name of Standard	
11	PS3.16 2024a	
12	Rationale for Correction:	
13	There is a need for more generic procedure protocols, and to leverage existing SNOMED CT concepts.	
14	<i>[Ed.Note: Replacement of "Gross Specimen Imaging" with "Gross pathology request" is considered close enough in the absence of</i>	
15	<i>a more specific SCT concept.]</i>	
16	<i>[Ed.Note: CRS Request ID#787337 for 14797009, 252416005, 117259009, 104157003, 60287000, 197157006, 52432005, 168456004</i>	
17	<i>, 117617002]</i>	
18	Correction Wording:	

Amend DICOM PS3.16 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

CID 8131 Pathology Imaging Protocol

This Context Group is intended for use in the Scheduled Protocol Code Sequence (0040,0008) and the Performed Protocol Code Sequence (0040,0260). When so used, an Item with value (112703, DCM, "Whole Slide Imaging") may also include a Protocol Context Sequence (0040,0440) using ???.

Version: 2012060520240324

Table CID 8131. Pathology Imaging Protocol

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
DCM	112700	Peri-operative Photographic Imaging		
DCM	442704	Gross Specimen Imaging		
DCM	112702	Slide Microscopy		
DCM	112703	Whole Slide Imaging		
DCM	112704	WSI 20X RGB		
DCM	112705	WSI 40X RGB		
<u>SCT</u>	<u>714797009</u>	<u>Histology</u>	<u>P3-78326</u>	<u>C0344441</u>
<u>SCT</u>	<u>252416005</u>	<u>Histopathology</u>	<u>P3-00045</u>	<u>C0430445</u>
<u>SCT</u>	<u>117259009</u>	<u>Microscopy</u>	<u>P3-40155</u>	<u>C0026018</u>
<u>SCT</u>	<u>104157003</u>	<u>Light microscopy</u>	<u>P3-40160</u>	<u>C0430389</u>
<u>SCT</u>	<u>60287000</u>	<u>Photomicrography</u>	<u>P3-40150</u>	<u>C0031753</u>
<u>SCT</u>	<u>197157006</u>	<u>Photography of patient</u>	<u>P0-0099D</u>	<u>C0431056</u>
<u>SCT</u>	<u>52432005</u>	<u>Photography of gross organ</u>	<u>P3-40140</u>	<u>C0200720</u>
<u>SCT</u>	<u>168456004</u>	<u>Gross pathology request</u>	<u>P0-003EB</u>	<u>C0438646</u>
<u>SCT</u>	<u>117617002</u>	<u>Immunohistochemistry</u>	<u>P3-44150</u>	<u>C0021044</u>

D DICOM Controlled Terminology Definitions (Normative)

Table D-1. DICOM Controlled Terminology Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
112700	Peri-operative Photographic Imaging	Procedure step protocol for photographic imaging of surgical procedures, including photography of specimens collected.	
112701	Gross Specimen Imaging	Procedure step protocol for imaging gross specimens, typically with a photographic camera (modality XC), and planning further dissection.	Retired. Replaced with (168456004, SCT, "Gross pathology request")
112702	Slide Microscopy	Procedure step protocol for imaging slide specimens.	
112703	Whole Slide Imaging	Procedure step protocol for imaging slide specimens using a whole slide scanner.	
112704	WSI 20X RGB	Procedure step protocol for imaging slide specimens using a whole slide scanner with a 20X nominal objective lens, in full color, with a single imaging focal plane across the image.	

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Code Value	Code Meaning	Definition	Notes
112705	WSI 40X RGB	Procedure step protocol for imaging slide specimens using a whole slide scanner with a 40X nominal objective lens, in full color, with a single imaging focal plane across the image.	