DICOM Change Proposal

STATUS	Final Text
Date of Last Update	2025/03/30
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Change Number	CP-1570
Log Summary: Add Dental Acquisition Attributes into VL IOD	
Name of Standard PS3.3, PS3.6, PS3.16 2025a	
Rationale for Change: The Rationale for Correction: Dentistry needs to make use of Acquisition Context attributes for clinical and forensic use cases. The Visible Light Photography IOD includes the "Acquisition Context Module" to describe conditions present during data acquisition. Rather than develop a new module, a new context group provides the required standard attributes. Other attributes may be vendor-specific; therefore, it may not be possible to define the commonly used values. However, being able to convey those in a coded way in the Acquisition Context Sequence appears to be much more favorable and informative to the end-user, compared to the use of private tags. A prospective ADA Standard (ADA-1107), with the potential to evolve into an IHE Profile (DENT-OIP), meticulously describes how to use DICOM for orthodontic photographs, and has been used as a source for this Correction Package. Regular nightly builds can be accessed at the following link: https://open-ortho.org/dent-oip/nightly/. An operational instantiation of this standard is underway, facilitated by the open-ortho project. For more information, visit: https://github.com/open-ortho/dicom4ortho.	
Change Wording:	

Modify PS3.3 Section VL Photographic Image IOD Content Constraints as follows:

A.32.4.4 VL Photographic Image IOD Content Constraints

A.32.4.4.1 Modality

The value of Modality (0008,0060) shall be XC.

A.32.4.4.2 Anatomic Region Sequence

For dermatology applications:

• For Anatomic Region Sequence (0008,2218) BCID 4029 "Dermatology Anatomic Site" may be used.
• For Anatomic Region Modifier Sequence (0008,2220) BCID 245 "Laterality with Median" may be used.

For dental applications:

13 · **For Anatomic Region Sequence (0008,2218) BCID 4028 "Craniofacial Anatomic Region" may be**
14 **used.**

15 · **For Anatomic Region Modifier Sequence (0008,2220) BCID CID 247 "Laterality Left-Right Only"**
16 **may be used.**

17 · **For Primary Anatomic Structure Sequence (0008,2228) BCID 4061 "Head and Neck Primary**
18 **Anatomic Structure" may be used.**

19 · **For Primary Anatomic Structure Modifier Sequence (0008,2230) BCID CID 247 "Laterality Left-**
20 **Right Only" may be used.**

21 **A.32.4.4.3 Acquisition Context Module**

22 **For dental applications:**

23 · **For Acquisition Context Sequence (0040,0555) BTID 3465 "VL Orthodontic Acquisition Context"**
24 **may be used.**

25 *Modify PS3.3 Section A.32.4.4.2 Anatomic Region Sequence as follows:*

26 **C.8.12.1 VL Image Module**

27 Table C.8-77 specifies the Attributes of the VL Image Module, which describe a VL Image produced by
28 Endoscopy (ES), General Microscopy (GM), Automated-Stage Microscopy (SM), External-camera
29 Photography (XC), Dermoscopy (DMS), or other VL imaging Modalities.

30   **Table C.8-77. VL Image Module Attributes**

Attribute Name	Tag	Type	Attribute Description
Image Type	(0008,0008)	1	Image identification characteristics. See Section C.8.12.1.1.6 for specialization.
Photometric Interpretation	(0028,0004)	1	Specifies the intended interpretation of the pixel data. See Section C.8.12.1.1.1 for specialization of this Attribute.
Bits Allocated	(0028,0100)	1	Number of bits allocated for each pixel sample. Each sample shall have the same number of bits allocated. See Section C.8.12.1.1.2 for specialization of this Attribute. See PS3.5 for further explanation.
Bits Stored	(0028,0101)	1	Number of bits stored for each pixel sample. Each sample shall have the same number of bits stored. See Section C.8.12.1.1.2 for specialization of this Attribute. See PS3.5 for further explanation.
High Bit	(0028,0102)	1	Most significant bit for pixel sample data. Each sample shall have the same high bit. See Section C.8.12.1.1.2 for specialization of this Attribute. See PS3.5 for further explanation.
Pixel Representation	(0028,0103)	1	Data representation of the pixel samples. Each sample shall have the same pixel representation.

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			See Section C.8.12.1.1.3 for specialization of this Attribute.
Samples per Pixel	(0028,0002)	1	Number of samples (planes) per image. See Section C.8.12.1.1.4 for specialization of this Attribute.
Planar Configuration	(0028,0006)	1C	Indicates whether the pixel data are encoded color-by-plane or color-by-pixel. Required if Samples per Pixel (0028,0002) has a value greater than 1. See Section C.8.12.1.1.5 for specialization of this Attribute.
Content Time	(0008,0033)	1C	The time the image pixel data creation started. Required if the Image is part of a Series in which the images are temporally related. Note This Attribute was formerly known as Image Time.
Lossy Image Compression	(0028,2110)		Specifies whether an Image has undergone lossy compression (at a point in its lifetime). Enumerated Values: **00** Image has NOT been subjected to lossy compression. **01** Image has been subjected to lossy compression. Once this value has been set to "01" it shall not be reset. See Section C.7.6.1.1.5
Referenced Image Sequence	(0008,1140)	1C	A Sequence that references other images significantly related to this image. One or more Items are permitted in this Sequence. Required if Image Type (0008,0008) Value 3 is present and has a value of "STEREO L" or "STEREO R". May also be present otherwise. See Section C.8.12.1.1.7.
>Include Table 10-3 "Image SOP Instance Reference Macro Attributes"			
>Purpose of Reference Code Sequence	(0040,A170)	2	Describes the purpose for which the reference is made. Zero or one Item shall be included in this Sequence.
>>Include Table 8.8-1 "Code Sequence Macro Attributes"			DCID 7201 "Referenced Image Purpose of Reference".
Window Center	(0028,1050)	3	Window Center for display. See Section C.11.2.1.2 for further explanation. Meaningful only if Photometric Interpretation (0028,0004) is MONOCHROME2.

Window Width	(0028,1051)	1C	Window Width for display. See Section C.11.2.1.2 for further explanation. Required if Window Center (0028,1050) is present.
Image Laterality	(0020,0062)	3	Laterality of (possibly paired) body part (as described in Anatomic Region Sequence (0008,2218)) examined. Enumerated Values: **R** right **L** left **U** unpaired **B** both left and right Shall be consistent with any laterality information contained in Primary Anatomic Structure Modifier Sequence (0008,2230), Anatomic Region Modifier Sequence (0008,2220), and/or Laterality (0020,0060), if present. Note 1. Laterality (0020,0060) is a Series level Attribute and must be the same for all Images in the Series, hence it must be absent if Image Laterality (0020,0062) has different values for Images in the same Series. 2. There is no value for median, for which Primary Anatomic Structure Modifier Sequence (0008,2230) or Anatomic Region Modifier Sequence (0008,2220) may be used instead.
View Code Sequence	**(0054,0220)**	**3**	**Sequence that describes the perspective of the anatomic region of interest in the image.** **Only a single Item is permitted in this Sequence.**
>Include Table 8.8-1 "Code Sequence Macro Attributes" .			**BCID 4062 VL View.** **BCID 4063 VL Dental View for dental applications.**
>View Modifier Code Sequence	**(0054,0222)**	**3**	**Sequence that provides modifiers for the view of the anatomic region of interest in the image.** **One or more Items are permitted in this Sequence.**
>>Include Table 8.8-1 "Code Sequence Macro Attributes"			**BCID 4064 VL View Modifier** **BCID 4065 VL Dental View Modifier for dental applications.**
Anatomic Region Sequence	(0008,2218)	1C	Sequence that identifies the anatomic region of interest in this image (i.e., external anatomy, surface anatomy, or general region of the body). Only a single Item shall be included in this Sequence. Required if Number of Frames (0028,0008) is present and Specimen Description Sequence (0040,0560) is absent. May be present otherwise.

>Include Table 8.8-1 "Code Sequence Macro Attributes"			DCID 4040 "Endoscopy Anatomic Region" for the Video Endoscopic IOD. BCID 4029 "Dermatology Anatomic Site" for the VL Photographic Image IOD and Dermoscopic Photography Image IOD for dermatology applications. BCID 4031 "Common Anatomic Region" for humans and BCID 7483 "Common Anatomic Regions for Animal" for non-human organisms. **BCID 4028 "Craniofacial Anatomic Region" for dental applications.**
>Anatomic Region Modifier Sequence	(0008,2220)	3	Sequence of Items that modifies the anatomic region of interest of this image One or more Items are permitted in this Sequence.
>>Include Table 8.8-1 "Code Sequence Macro Attributes"			BCID 2 "Anatomic Modifier". BCID 245 "Laterality with Median" is defined for the VL Photographic Image IOD and Dermoscopic Photography Image IOD for dermatology applications. **BCID CID 247 "Laterality Left-Right Only" is defined for the VL Photographic Image IOD for dental applications**
Include Table 10-8 "Primary Anatomic Structure Macro Attributes"			~~No CID is defined.~~ **BCID 4061 "Head and Neck Primary Anatomic Structure" for dental applications.** These Type 3 Attributes are not appropriate when Specimen Description Sequence (0040,0560) is present, as it includes the Primary Anatomic Structure Macro for each specimen in the image.
Channel Description Code Sequence	(0022,001A)	3	Describes the light color used for each channel to generate the image. If Photometric Interpretation (0028,0004) has one of the YBR values, the meaning is for pixel data in an equivalent RGB encoding. Note Interpretation and representation of RGB images rely on the assumption that the red channel really contains the red wavelength range of illumination light, the blue channel the blue wavelength range, etc. Some modalities use the RGB Photometric Interpretation as a container representing 3 channels of any illumination wavelength. Shall have the same number of Items as the value of Samples per Pixel (0028,0002). The channels shall be described in the order in which the channels are encoded.

>Include Table 8.8-1 "Code Sequence Macro Attributes"			BCID 4206 "Ophthalmic Channel Description".
Pixel Spacing	(0028,0030)	3	Physical distance in the imaging target (patient or specimen) between the center of each pixel, specified as a numeric pair - adjacent row spacing \ adjacent column spacing, in mm. See Section 10.7.1.3.
Imager Pixel Spacing	(0018,1164)	3	Physical distance measured at the front plane of the Image Receptor housing between the center of each pixel. Specified by a numeric pair - row spacing value (delimiter) column spacing value - in mm. In the case of a photographic camera, the front plane is defined to be the focal plane.

31

Add the following to PS3.16 Section C Acquisition Context Module, Protocol and Workflow Context Templates:

TID 3465 VL Orthodontic Acquisition Context

Type: Extensible

Order: Non-Significant

Root: No

Table TID 3465. VL Orthodontic Acquisition Context

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CODE	DT (130325, DCM, "Orthognathic Functional Condition")	1-n	U		BCID 4066 "Orthognathic Functional Condition"
2		CODE	DT (118243007, SCT, "Finding by inspection")	1-n	U		BCID 4067 "Orthodontic Finding by Inspection"
3		CODE	DT (363787002, SCT, "Observable entity")	1-n	U		BCID 4068 "Orthodontic Observable Entity"
4		CODE	DT (25272006, SCT, "Dental occlusion")	1	U		BCID 4069 "Dental Occlusion"
5		CODE	EV (128741, DCM, "Longitudinal Temporal Event Type")	1	U		BCID 4070 "Orthodontic Treatment Progress"
6		NUMERIC	EV (128740, DCM, "Longitudinal Temporal Offset from Event")	1	U		UNITS = DT (d, UCUM, "days")

40

Modify PS3.16 Table CID 4028. Craniofacial Anatomic Region as follows:

42   **Table CID 4028. Craniofacial Anatomic Region**

43   **Version:** ~~20170914~~ <u>20250330</u>

44

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
…				
<u>**SCT**</u>	<u>**123851003**</u>	<u>**Mouth**</u>	<u>**T-D0662**</u>	<u>**C0230028**</u>

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46   *Modify PS3.16 Table CID 4051.General Device as follows:*

47   **Table CID 4051. General Device**

48   **Version:** ~~20160525~~ <u>20250330</u>

49

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
Include CID 8 "Angiographic Interventional Device"				
Include CID 3451 "Calibration Object"				
Include CID 4052 "Phantom Device"				
<u>***Include CID 4071 "General Photography Device"***</u>				
SCT	61968008	Syringe	A-10150	C0039142

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51   *Add the following to PS3.16 B. DCMR Context Groups:*

52   **CID 4061 Head and Neck Primary Anatomic Structure**

53   **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
54   **Keyword:**   **HeadAndNeckPrimaryAnatomicStructure**
55   **FHIR Keyword:**   **dicom-cid-4061-HeadAndNeckPrimaryAnatomicStructure**
56   **Type:**   **Extensible**
57   **Version:**   **20250330**
58   **UID:**   **1.2.840.10008.6.1.1501**

59   **Table CID 4061. Head and Neck Primary Anatomic Structure**
60

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	89545001	Face	T-D1200	C0015450
SCT	74262004	Oral cavity	T-51004	C0226896
SCT	88176008	Mandibular dental arch	T-54170	C0227027

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	39481002	Maxillary dental arch	T-54160	C0227026
SCT	261063000	Buccal space	T-51005	C0444575
SCT	7652006	Frenulum of lip	T-52030	C0022861

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62 **CID 4062 VL View**

63 **Resources:** **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
64 **Keyword:** **VLView**
65 **FHIR Keyword:** **dicom-cid-4062-VLView**
66 **Type:** **Extensible**
67 **Version:** **20250303**
68 **UID:** **1.2.840.10008.6.1.1502**

69 **Table CID 4062. VL View**
70

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	399033003	frontal	R-10202	C0442223
SCT	399173006	left lateral	R-10236	C0442198
SCT	260421001	left lateral oblique	R-4077D	C0442289
SCT	399198007	right lateral	R-10232	C0442202
SCT	260424009	right lateral oblique	R-40780	C0442292
SCT	399182000	oblique	R-102C1	C0442287
SCT	260454004	45 degree projection	R-4079D	C0442224
SCT	260427002	lateral oblique	R-40783	C0442295
SCT	399255003	submentovertical	R-10256	C0442244
SCT	260461000	vertex	R-407A4	C0442231

71

72 **CID 4063 VL Dental View**

73 **Resources:** **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
74 **Keyword:** **VLDentalView**
75 **FHIR Keyword:** **dicom-cid-4063-VLDentalView**
76 **Type:** **Extensible**
77 **Version:** **20250330**
78 **UID:** **1.2.840.10008.6.1.1503**

79 **Table CID 4063. VL Dental View**
80

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	260499007	Occlusal projection	R-40810	C0442276

81

CID 4064 VL View Modifier

Resources:	**HTML l FHIR JSON l FHIR XML l IHE SVS XML**
Keyword:	**VLViewModifier**
FHIR Keyword:	**dicom-cid-4064-VLViewModifier**
Type:	**Extensible**
Version:	**20250330**
UID:	**1.2.840.10008.6.1.1504**

Table CID 4064. VL View Modifier

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	789135000	Mirrored image uncorrected		C5230360
SCT	789134001	Mirrored image uncorrected flipped horizontally		C5230389
SCT	789132002	Mirrored image uncorrected flipped horizontally and vertically		C5230358
SCT	789133007	Mirrored image uncorrected flipped vertically		C5230359

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CID 4065 VL Dental View Modifier

Resources:	**HTML l FHIR JSON l FHIR XML l IHE SVS XML**
Keyword:	**VLDentalViewModifier**
FHIR Keyword:	**dicom-cid-4065-VLDentalViewModifier**
Type:	**Extensible**
Version:	**20250330**
UID:	**1.2.840.10008.6.1.1505**

Table CID 4065. VL Dental View Modifier

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	789131009	Close up photographic view of teeth without magnification		C5230357

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	787610003	Mirrored photo image intraoral corrected		C5192865
SCT	789310004	Mirrored photo image of teeth corrected flipped horizontally		C5230459
SCT	789311000	Mirrored photo image of teeth corrected flipped vertically		C5230460
SCT	789312007	Mirrored photo image of teeth corrected rotated 180 deg		C5230461
SCT	787612006	Photo image extraoral with 45 degree view		
SCT	787611004	Photo image extraoral with mandible postured forward		
SCT	789313002	Photo image of anterior teeth		
SCT	789314008	Photo image of face with lips in relaxed position		
SCT	787607005	Photo image with lips closed		
SCT	789130005	Photo image with mouth partially opened and teeth apart		

101

CID 4066 Orthognathic Functional Condition

Resources:	**HTML l FHIR JSON l FHIR XML l IHE SVS XML**	
Keyword:	**OrthognathicFunctionalCondition**	
FHIR Keyword:	**dicom-cid- 4066-OrthognathicFunctionalCondition**	
Type:	**Extensible**	
Version:	**20250330**	
UID:	**1.2.840.10008.6.1.1506**	

Table CID 4066. Orthognathic Functional Condition

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	1336028006	Upper and lower lips in relaxed position		C5924347
SCT	1332210001	Mouth in partially open position		C5923645
SCT	1336026005	Mandible postured forwards		C5924346
SCT	1336029003	Upper and lower lips in closed position		C5924348
SCT	225583004	Smiles	F-A08FC	C0517048
SCT	262016004	Open mouth	R-4136A	C0240379

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CID 4067 Orthodontic Finding by Inspection

Resources:	**HTML l FHIR JSON l FHIR XML l IHE SVS XML**
Keyword:	**OrthodonticFindingByInspection**
FHIR Keyword:	**dicom-cid-4067-OrthodonticFindingByInspection**
Type:	**Extensible**
Version:	**20250330**
UID:	**1.2.840.10008.6.1.1507**

Table CID 4067. Orthodontic Finding by Inspection

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	276470008	Skin mark	D0-00173	C0455957
SCT	341000119102	Tattoo of skin	F-F0227	C1366940
SCT	4356008	Gingival recession	D5-10830	C0017572
SCT	710793000	Cant of occlusal plane	F-DD58F	C4038832
SCT	1264188003	Tattoo of left buccal mucosa		C5788322
SCT	1264193000	Tattoo of right buccal mucosa		C5788327
SCT	1260043007	Tattoo of mucosa of soft palate		C5770182
SCT	1260047008	Tattoo of labial mucosa of lower lip		C5770184

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	1260049006	Tattoo of labial mucosa of upper lip		C5770185

121 **CID 4068 Orthodontic Observable Entity**

122 **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
123 **Keyword:**   **OrthodonticObservableEntity**
124 **FHIR Keyword:**   **dicom-cid-4068-OrthodonticObservableEntity**
125 **Type:**   **Extensible**
126 **Version:**   **20250330**
127 **UID:**   **1.2.840.10008.6.1.1508**

128   **Table CID 4068. Orthodontic Observable Entity**
129

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	193093009	Bell's palsy	DA-41033	C0376175
SCT	110343009	Tongue thrust	F-51716	C1829460

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131 **CID 4069 Dental Occlusion**

132 **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
133 **Keyword:**   **DentalOcclusion**
134 **FHIR Keyword:**   **dicom-cid-4069-DentalOcclusion**
135 **Type:**   **Extensible**
136 **Version:**   **20250330**
137 **UID:**   **1.2.840.10008.6.1.1509**

138   **Table CID 4069. Dental Occlusion**
139

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	110320000	Centric occlusion	F-51154	C1268896
SCT	736783005	Centric relation		C0007702

140

141 **CID 4070 Orthodontic Treatment Progress**

142 **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
143 **Keyword:**   **OrthodonticTreatmentProgress**
144 **FHIR Keyword:**   **dicom-cid-4070-OrthodonticTreatmentProgress**
145 **Type:**   **Extensible**
146 **Version:**   **20250330**
147 **UID:**   **1.2.840.10008.6.1.1510**

148   **Table CID 4070. Orthodontic Treatment Progress**
149

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
Include CID 280 "Longitudinal Temporal Event Type"				
SCT	184047000	Patient registration	P0-0081C	C0421512
SCT	1332161000	Orthodontic Treatment started		C5923499
SCT	1340210007	Orthodontic Treatment stopped		C5924807

150

151 **CID 4071 General Photography Device**

152 **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
153 **Keyword:**   **GeneralPhotographyDevice**
154 **FHIR Keyword:**   **dicom-cid-4071-GeneralPhotographyDevice**
155 **Type:**   **Extensible**
156 **Version:**   **20250330**
157 **UID:**   **1.2.840.10008.6.1.1511**

158   **Table CID 4071. General Photography Device**
159

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
Include CID 4202 "Ophthalmic Photography Acquisition Device"				
Include CID 4072 "Devices for the Purpose of Dental Photography"				

160

161 **CID 4072 Devices for the Purpose of Dental Photography**

162 **Resources:**   **HTML l FHIR JSON l FHIR XML l IHE SVS XML**
163 **Keyword:**   **DevicesForThePurposeOfDentalPhotography**
164 **FHIR Keyword:**   **dicom-cid-4072-DevicesForThePurposeOfDentalPhotography**
165 **Type:**   **Extensible**
166 **Version:**   **20250330**
167 **UID:**   **1.2.840.10008.6.1.1512**

168   **Table CID 4072. Devices for the Purpose of Dental Photography**
169

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	462735007	Periodontal probe	R-FEF0F	C1882337
SCT	102304005	Measuring Ruler	A-10141	C0522637
SCT	39802000	Tongue blade	A-10146	C0183967
SCT	53535004	Retractor	A-14040	C0183014

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	1332162007	Intraoral photography mirror		C5923500
SCT	1332163002	Dental photography black contraster		C5923501
SCT	1332164008	Photographic image fiducial marker		C5923502

170

171 **D DICOM Controlled Terminology Definitions (Normative)**

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

Code Value	Code Meaning	Definition	Notes
130324	Functional condition present during acquisition	A functional condition present during acquisition, such as phonation, weight bearing, voiding of the bladder or hemodynamic physiological challenges.	
130325	**Orthognathic Functional Condition**	**A functional condition present during acquisition that is related to the jaw, such as the position of the lips, mouth, or mandible.**	

174

175 *Add the following to PS3.16 O SNOMED Concept ID to SNOMED ID Mapping.*

176 *Editorial Note: This content is automatically generated by the DICOM publication tooling. However, for*
177 *this CP, it is provided to establish a list of SNOMED codes added to DICOM (CRS Request ID # 968000)*

178 **O SNOMED Concept ID to SNOMED ID Mapping**

179 **Table O-1. SNOMED Concept ID to SNOMED ID Mapping**
180

Concept ID (SCT)	SNOMED ID (SRT)	SNOMED Fully Specified Name
…		
363787002		Observable entity (observable entity)
25272006		Dental occlusion, function (observable entity)
462735007		Periodontal probe (physical object)

39802000		Tongue blade, device (physical object)
53535004		Retractor, device (physical object)
1332162007		Intraoral photography mirror (physical object)
1332163002		Dental photography black contraster (physical object)
1332164008		Photographic image fiducial marker (physical object)
1340210007		Orthodontic treatment stopped (situation)
1332161000		Orthodontic treatment started (situation)
184047000		Patient registration (procedure)
736783005		Centric relation (observable entity)
110320000		Centric occlusion (observable entity)
110343009		Tongue thrust (observable entity)
193093009		Bell's palsy (disorder)
1260049006		Local exogenous pigmentation of mucous membrane of upper lip (disorder)
1260047008		Local exogenous pigmentation of mucous membrane of lower lip (disorder)
1260043007		Local exogenous pigmentation of mucosa of soft palate (disorder)
1264193000		Local exogenous pigmentation of right buccal mucosa (disorder)
1264188003		Local exogenous pigmentation of left buccal mucosa (disorder)
710793000		Cant of occlusal plane (observable entity)
4356008		Gingival recession (disorder)
341000119102		Tattoo of skin (finding)
276470008		Skin mark (disorder)
262016004		Open mouth (finding)
225583004		Smiles (finding)
1336029003		Upper and lower lips in closed position (finding)
1336026005		Mandible postured forward (finding)

1332210001		Mouth in partially open position (finding)
1336028006		Upper and lower lips in relaxed position (finding)
789130005		Photographic image with mouth partially opened position and teeth apart (record artifact)
787607005		Photographic image with lips closed (record artifact)
789314008		Photographic image of face with lips in relaxed position (record artifact)
789313002		Photographic image of anterior teeth (record artifact)
787611004		Photographic image extraoral with mandible postured forward (record artifact)
787612006		Photographic image extraoral with 45 degree view (record artifact)
789312007		Mirrored photographic image of teeth corrected flipped vertically and horizontally (record artifact)
789311000		Mirrored photographic image of teeth corrected flipped vertically (record artifact)
789310004		Mirrored photographic image of teeth corrected flipped horizontally (record artifact)
787610003		Mirrored photographic image of teeth corrected flipped horizontally (record artifact)
789131009		Close up photographic view of teeth with no set magnification or distance (record artifact)
789133007		Mirrored visible image uncorrected flipped vertically (record artifact)
789132002		Mirrored visible image uncorrected flipped horizontally and vertically (record artifact)
789134001		Mirrored visible image uncorrected flipped horizontally (record artifact)
789135000		Mirrored visible image uncorrected (record artifact)
260461000		Vertex projection (qualifier value)
260454004		45 degree projection (qualifier value)
260424009		Right lateral oblique (qualifier value)
260421001		Left lateral oblique (qualifier value)
7652006		Structure of frenulum labii (body structure)

261063000		Structure of buccal space (body structure)	

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182 | *Modify PS3.6 Table A-3. Context Group UID Values as follows:*

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Table A-3. Context Group UID Values

Context Group UID	Context Group Identifier	Context Group Name	Comment
1.2.840.10008.6.1.1501	CID 4061	Head and Neck Primary Anatomic Structure	
1.2.840.10008.6.1.1502	CID 4062	VL View	
1.2.840.10008.6.1.1503	CID 4063	VL Dental View	
1.2.840.10008.6.1.1504	CID 4064	VL View Modifier	
1.2.840.10008.6.1.1505	CID 4065	VL Dental View Modifier	
1.2.840.10008.6.1.1506	CID 4066	Orthognathic Functional Conditions	
1.2.840.10008.6.1.1507	CID 4067	Orthodontic Finding by Inspection	
1.2.840.10008.6.1.1508	CID 4068	Orthodontic Observable Entity	
1.2.840.10008.6.1.1509	CID 4069	Dental Occlusion	
1.2.840.10008.6.1.1510	CID 4070	Orthodontic Treatment Progress	
1.2.840.10008.6.1.1511	CID 4071	General Photography Device	
1.2.840.10008.6.1.1512	CID 4072	Devices for the Purpose of Dental Photography	

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