1 Status	Assigned
2 Date of Last Update	2019/05/07
3 Person Assigned	David Clunie
4	mailto:dclunie@dclunie.com
5 Submitter Name	David Clunie
6	mailto:dclunie@dclunie.com
7 Submission Date	2018/09/01

8 Correction Number CP-1852

9 Log Summary: Add code for bounding box for SR

10 Name of Standard

11 PS3.16

12 Rationale for Correction:

13
14 A common use case in image annotation is to designate a bounding box surrounding a lesion. Currently there is no concept in DICOM SR for that use case.

15
16 Use SCT:75958009 "Bounded by" as a type of measurement, even though the numeric value of the measurement may not be of
17 particular interest. This mechanism is used in preference to defining a FindingType for bounded by, since that may be needed to encode what is bounded, e.g., a "lesion", "primary tumor", etc.

18 *[Ed.Note. Add 75958009 to SNOMED-DICOM subset CRS Request ID 738551.]*

19 Correction Wording:

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

CID 7469 Generic Intensity and Size Measurements

Resources: **HTML | FHIR JSON | FHIR XML | IHE SVS XML**
Type: **Extensible**
Version: **~~20141110~~<u>yyyymmdd</u>**
UID: **1.2.840.10008.6.1.1003**

Table CID 7469. Generic Intensity and Size Measurements

Coding Scheme Designator	Code Value	Code Meaning	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
Include CID 7180 "Abstract Multi-dimensional Image Model Component Semantics"				
Include CID 7470 "Linear Measurements"				
Include CID 7471 "Area Measurements"				
Include CID 7472 "Volume Measurements"				
<u>SCT</u>	**<u>75958009</u>**	**<u>Bounded by</u>**	**<u>G-C020</u>**	**<u>C0332297</u>**

Note

The numeric value encoded for the concept (75958009, SCT, "Bounded by") represents the area or the volume defined by the defined region that bounds the finding, though the value itself may be of less interest than the region itself.

CID 7180 Abstract Multi-dimensional Image Model Component Semantics

Resources: **HTML | FHIR JSON | FHIR XML | IHE SVS XML**
Type: **Extensible**
Version: **20170914**
UID: **1.2.840.10008.6.1.917**

Table CID 7180. Abstract Multi-dimensional Image Model Component Semantics

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Units
...	...	...			

CID 7470 Linear Measurements

Resources: **HTML | FHIR JSON | FHIR XML | IHE SVS XML**
Type: **Extensible**
Version: **20160314**
UID: **1.2.840.10008.6.1.524**

Table CID 7470. Linear Measurements

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
...	...	...	...	...

CID 7471 Area Measurements

Resources: **HTML | FHIR JSON | FHIR XML | IHE SVS XML**
Type: **Extensible**
Version: **20020904**
UID: **1.2.840.10008.6.1.525**

1   **Table CID 7471. Area Measurements**

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
...	...	...	...	...

CID 7472 Volume Measurements

Resources: **HTML | FHIR JSON | FHIR XML | IHE SVS XML**
Type: **Extensible**
Version: **20020904**
UID: **1.2.840.10008.6.1.526**

13   **Table CID 7472. Volume Measurements**

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
...	...	...	...	...