

## DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2023/01/19
Person Assigned	Kevin O'Donnell
Submitter Name	Kevin O'Donnell
Submission Date	2021/03/15

Correction Number	CP-2121
Log Summary: Add codes for more gadolinium contrast agents	
Name of Standard PS3.16 2022e	
<p>Rationale for Correction:</p> <p>A number of gadolinium-based contrast agents are not listed in CID 12.</p> <p>Reactions and retention of gadolinium-based contrast likely differs depending on the compound, so it is useful to capture the specific compound used. SNOMED includes the two codes we already have and also half a dozen more we should add.</p> <p>The IHE Contrast Administration Management (CAM) Profile may also raise interest in this.</p> <p>WG-6 preference is to use the SNOMED codes for "Product containing ... (medicinal product)" rather than the codes for "Product containing only ... (medicinal product)" or "... (substance)", where the latter has as parents "Magnetic resonance imaging contrast medium agent (substance)" and "Contrast media (substance)"</p> <p>The title of the Context Group is also changed, since the MR contrast agents are not "radiographic" in the sense of being used with X-Ray modalities.</p> <p><i>[Ed. Note: CRS Request ID#774214 for 792865009, 770982005, 712714000, 353946009, 409477004, 440223009]</i></p>	
Correction Wording:	

*Modify PS3.16 CID 12 as shown*

### CID 12 Radiographic ~~Imaging~~ Contrast Agent

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML  
 Type: Extensible  
 Version: 2019081720230119  
 UID: 1.2.840.10008.6.1.10

**Table CID 12. Radiographic ~~Imaging~~ Contrast Agent**

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID	Trade Name (Informative)
...					
<b>SCT</b>	<b><u>792865009</u></b>	<b><u>Gadobenate dimeglumine</u></b>		<b><u>C5230781</u></b>	<b><u>Multihance® (Bracco)</u></b>
SCT	407976008	Gadobutrol	C-B0415	C0291216	Gadavist®
SCT	354088005	Gadodiamide	C-B03C3	C0082646	Omniscan™(GE)
<b>SCT</b>	<b><u>770982005</u></b>	<b><u>Gadofosveset</u></b>		<b><u>C1698893</u></b>	<b><u>Vasovist™ (Epix), Ablavar</u></b>

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID	Trade Name (Informative)
SCT	<u>768763008</u> <u>58284002</u>	Gadolinium	<u>C-17800</u>	<u>C0046911</u> <u>C0303704</u>	
SCT	109216000	Gadopentetate dimeglumine	C-B014D	C0060934	Magnevist™(Berlex)
<u>SCT</u>	<u>712714000</u>	<u>Gadoterate meglumine</u>	<u>C-F06BC</u>	<u>C0118538</u>	<u>Clariscan™ (GE), Dotarem® (Guerbet)</u>
<u>SCT</u>	<u>353946009</u>	<u>Gadoteridol</u>	<u>C-B03AD</u>	<u>C0060930</u>	<u>ProHance (Bracco)</u>
<u>SCT</u>	<u>409477004</u>	<u>Gadoversetamide</u>	<u>C-B0493</u>	<u>C0754820</u>	<u>Optimark® (Liebel-Flarsheim)</u>
<u>SCT</u>	<u>440223009</u>	<u>Gadoxetate disodium</u>	<u>C-178FF</u>	<u>C1714000</u>	<u>Eovist (Bayer)</u>
...					

Note

- The codes drawn from SNOMED are recommended to be those from the concept hierarchy of "~~radiographic contrast media~~" in the hierarchy "pharmaceutical/biological product", and secondarily from the hierarchy "substance".
- Trade names are from <http://www.accessdata.fda.gov/scripts/cder/drugsatfda/index.cfm>.

Modify PS3.16 CID 13 title as shown

## CID 13 ~~Radiographic~~ Imaging Contrast Agent Ingredient

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML  
Type: Extensible  
Version: 20190817  
UID: 1.2.840.10008.6.1.11

Table CID 13. ~~Radiographic~~ Imaging Contrast Agent Ingredient