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| 1 | Status | Final Text |
| 2 | Date of Last Update | 2016/01/19 |
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| 7 | Submission Date | 2015/05/15 |

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| 8 | Correction Number CP-1497 | |
| 9 | Log Summary: Add Manganese-52m PET radionuclide | |
| 10 | Name of Standard | |
| 11 | PS3.16 2015c | |
| 12 | Rationale for Correction: | |
| 13 | The metastable isotope ^{52m} Manganese is also used in PET radiopharmaceuticals. | |
| 14 | See, for example, Atcher et al. Manganese-52m, A New Short-Lived, Generator-Produced Radionuclide: A Potential Tracer for | |
| 15 | Positron Tomography. Journal of Nuclear Medicine. 1980 Jun 1;21(6):565-9. http://jnm.snmjournals.org/content/21/6/565 | |
| 16 | Correction Wording: | |

Amend DICOM PS 3.16 Content Mapping Resource - Context Groups as follows:

CID 4020 PET Radionuclide

Type: Extensible
Version: ~~201444140~~20160119

Table CID 4020. PET Radionuclide

| Coding Scheme Designator | Code Value | Code Meaning | SNOMED-CT Concept ID | UMLS Concept Unique ID |
|--------------------------|---------------|-----------------------|----------------------|------------------------|
| DCM | 126601 | ^51^Manganese | | |
| SRT | C-130A1 | ^52^Iron | 69089000 | C0303218 |
| SRT | C-149A1 | ^52^Manganese | 37225000 | C0303448 |
| DCM | 126607 | ^52m^Manganese | | |
| SRT | C-127A4 | ^60^Copper | 425364008 | C1827982 |

Amend DICOM PS 3.16 - Content Mapping Resource - Controlled Terminology Definitions to add the following new concepts:

Table D-1. DICOM Controlled Terminology Definitions

| Code Value | Code Meaning | Definition | Notes |
|------------|----------------|----------------|-------|
| 126607 | ^52m^Manganese | ^52m^Manganese | |