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VA11A

Annex:
Multi-modality Oncology VA11A

MI

DICOM Conformance Statement

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ANNEX Multi-modality Oncology

syngo.via will create functional images from special applications. Those will be encoded as Standard or Standard Extended SOP Classes. For the Multi-modality Oncology (MM Oncology) application, Standard Extended Real World Value Mapping objects will be created. Please see the following table for an overview of additional Standard Attributes provided with the objects.

A.1 Real World Value Mapping IOD

The following table lists extended attributes that may be provided in a Real World Value Mapping object in addition to the standard attributes defined by the DICOM standard.

Attribute Name	Tag	Value
Radionuclide Total Dose	(0018,1074)	<p>The radiopharmaceutical dose administered to the patient measured in Becquerels (Bq) at the Radiopharmaceutical Start DateTime (0018,1078).</p> <p>Provided only when the Real World Value Mapping is for an SUV unit type referring to PET data. The value is copied from the PET images referenced by this RWVM object, or provided by the user.</p>
Radionuclide Half Life	(0018,1075)	<p>The radionuclide half life, in seconds, that was used in the correction of the referenced image.</p> <p>Provided only when the Real World Value Mapping is for an SUV unit type referring to PET data. The value is copied from the PET images referenced by this RWVM object, or provided by the user.</p>
Radiopharmaceutical Start DateTime	(0018,1078)	<p>Date and time of start of administration. The actual date and time of radiopharmaceutical administration to the patient for imaging purposes.</p> <p>Provided only when the Real World Value Mapping is for an SUV unit type referring to PET data. The value is copied from the PET images referenced by this RWVM object or provided by the user.</p> <p>Note: even if the original images contained only Radiopharmaceutical Start Time (0018,1072), this value is stored as Radiopharmaceutical Start DateTime (0018,1078).</p>