

DICOM Correction Proposal

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| STATUS | Assigned |
| Date of Last Update | 2025/11/05 |
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| Submission Date | 2025/08/31 |

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| Correction Number | CP-2588 |
| Log Summary: | Image Storage SOP Class definition |
| Name of Standard | PS3.3, PS3.4, PS3.5, PS3.6 |
| Rationale for Correction: | <p>In many places the DICOM standard talks about images and non-images. E.g., in the General Reference Module referenced images should go to the Referenced Image Sequence (0008,1140) while non-image references should go to the Referenced Instance Sequence (0008,114A).</p> <p>This CP introduces <i>Image Storage SOP Class</i> and the <i>Storage SOP Class</i> as more specific <i>UID Types</i> to the UID table of PS3.6 for identifying image IODs from non-image IODs, and distinguishing from non-storage SOP Classes.</p> <p><i>[Open Issue: Defining an Image as an object with Pixel Data means that RT Dose is an Image Storage SOP Class.]</i></p> <p><i>[Open Issue; the lay definition of an "image" is a "visual representation", and that is proposed as part of the DICOM definition, but not required.]</i></p> |
| Correction Wording: | |

Update PS3.3, definitions:

3.5 DICOM Data Structures and Encoding

This Part of the Standard makes use of the following terms defined in PS3.5:

Pixel Data See Pixel Data in PS3.5.

3.8 DICOM Information Object

Cine Run A set of temporally related Frames acquired at constant or variable Frame rates. This term incorporates the general class of serialography (archaic).

Note

A Cine Run is typically encoded as a Multi-frame Image.

Derived Image An image in which the pixel data was constructed from pixel data of one or more other images (source images).

Frame A single two-dimensional pixel plane of a Multi-frame Image.

Image An information object that contains Pixel Data as its primary payload (in the top level Data Set), which is generally a visual representation of a real-world object.

Multi-frame Image

Image that contains multiple two-dimensional pixel planes.

Update PS3.4, definitions:

3.3 DICOM Introduction and Overview Definitions

This Part of the Standard makes use of the following terms defined in PS3.1:

Service-Object Pair Class (SOP Class) See Service-Object Pair Class in PS3.1.

3.6 DICOM Information Object Definitions

This Part of the Standard makes use of the following terms defined in PS3.3:

Image See Image in PS3.3.

3.9 DICOM Service Class Definitions

The following definitions are commonly used in this Part of the DICOM Standard:

Classic Image Storage SOP Class An Image Storage SOP Class that is defined by an IOD that stores a single frame and defines the majority of the Attributes in the top-level Data Set.

Combined Print Image A pixel matrix created by superimposing an image and an overlay, the size of which is defined by the smallest rectangle enclosing the superimposed image and overlay.

Enhanced Image Storage SOP Class An Image Storage SOP Class that is defined by an IOD that stores multiple frames and defines the majority of the Attributes in Functional Group Sequences.

Image Storage SOP Class **A Storage SOP Class that is defined by an IOD that stores an Image.**

Legacy Converted Enhanced Image Storage SOP Class A modality-specific Enhanced Image Storage SOP Class that is defined by an IOD that defines only generic Functional Group Sequences, which does not require information that is not present in Classic Image Storage SOP Class Instances, and is intended for storage of converted Classic Image Storage SOP Class Instances when there is insufficient information to use a True Enhanced Image Storage SOP Class.

Preformatted Grayscale Image An image where all annotation, graphics, and grayscale transformations (up to and including the VOI LUT) expected in the printed image have been burnt in or applied before being sent to the SCP. It is a displayable image where the polarity of the intended display is specified by Photometric Interpretation (0028,0004).

Preformatted Color Image An image where all annotation, graphics, and color transformations expected in the printed image have been burnt in or applied before being sent to the SCP.

Related General SOP Class A SOP Class that is related to another SOP Class as being more generalized in terms of behavior defined in the Standard, and that may be used to identically encode an instance with the same Attributes and values, other than the SOP Class UID. In particular, this may be the SOP Class from which a Specialized SOP Class (see PS3.2) is derived.

Service-Object Pair Instance (SOP Instance) A concrete occurrence of an Information Object that is managed by a DICOM Application Entity and may be operated upon in a communication context defined by a specific set of DIMSE Services (on a network or interchange media). A SOP Instance is persistent beyond the context of its communication.

Storage SOP Class **A SOP Class of the Storage Class Service, which is defined in Annex B.**

True Enhanced Image Storage SOP Class A modality-specific Enhanced Image Storage SOP Class that is defined by an IOD that defines modality-specific Functional Group Sequences, Attributes and sets of values, and is intended for creation by acquisition devices.

For reference unchanged PS3.5, definitions:

3.10 DICOM Data Structures and Encoding Definitions

The following definitions are commonly used in this Standard:

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| Data Set | Exchanged information consisting of a structured set of Attribute values directly or indirectly related to Information Objects. The value of each Attribute in a Data Set is expressed as a Data Element. A collection of Data Elements ordered by increasing Data Element Tag number that is an encoding of the values of Attributes of a real world object. |
| Encapsulated Format | The Pixel Data Stream is encoded in a form wherein Fragments are contained within Item Tags within the Pixel Data (7FE0,0010) Data Element, usually used for compressed data. |
| Fragment | One part or all of a Pixel Data Stream encoded within Encapsulated Pixel Data. |
| Native Format | The Pixel Data Stream is encoded in an uncompressed form and occupies the entire Value of the Pixel Data (7FE0,0010) Data Element. |
| Pixel Cell | The container for a single Pixel Sample Value that may include unused bits. The size of a Pixel Cell shall be specified by the Bits Allocated (0028, 0100) Data Element. |
| Pixel Data | Graphical data (e.g., images) of variable pixel-depth encoded in the Pixel Data, Float Pixel Data or Double Float Pixel Data Element. |
| Pixel Data Stream | The compressed or uncompressed octet-stream that constitutes the Pixel Data itself, without any DICOM-specific encapsulation structures. |
| Pixel Sample Value | A value associated with an individual pixel. An individual pixel consists of one or more Pixel Sample Values (e.g., color images). |

Update PS3.6, definitions:

3 Definitions

3.1 DICOM Introduction and Overview Definition

This Part of the Standard makes use of the following terms defined in PS3.1:

Service-Object Pair Class (SOP Class) See Service-Object Pair Class in PS3.1.

3.2 DICOM Information Object Definition

This Part of the Standard makes use of the following term defined in PS3.3:

Image See Image in PS3.3.

3.5 DICOM Service Class Specifications Definitions

This Part of the Standard makes use of the following terms defined in PS3.4:

Image Storage SOP Class **See Image Storage SOP Class in PS3.4**

Service-Object Pair Instance (SOP Instance) See Service-Object Pair Instance in PS3.4

Storage SOP Class **See Storage SOP Class in PS3.4**

Update Part 6, table A-1.

A Registry of DICOM Unique Identifiers (UIDs) (Normative)

Table A-1 lists the UID values that are registered and used throughout the Parts of the DICOM Standard. This central registry ensures that when additional UIDs are assigned, non-duplicate values are assigned. For retired UIDs, the edition of the Standard in parentheses is the edition in which the item last appeared before it was retired.

Table A-1. UID Values

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-------------------------------|------------------------------------------------------------|---------------------------------------------------|--------------------------------|-------|
| ... | | | | |
| 1.2.840.10008.5.1.1.40 | Display System SOP Class | DisplaySystem | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.1.40.1 | Display System SOP Instance | DisplaySystemInstance | Well-known SOP Instance | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1 | Computed Radiography Image Storage | ComputedRadiographyImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.1 | Digital X-Ray Image Storage - For Presentation | DigitalXRayImageStorageForPresentation | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.1.1 | Digital X-Ray Image Storage - For Processing | DigitalXRayImageStorageForProcessing | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.2 | Digital Mammography X-Ray Image Storage - For Presentation | DigitalMammographyXRayImageStorageForPresentation | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.2.1 | Digital Mammography X-Ray Image Storage - For Processing | DigitalMammographyXRayImageStorageForProcessing | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.3 | Digital Intra-Oral X-Ray Image Storage - For Presentation | DigitalIntraOralXRayImageStorageForPresentation | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.1.3.1 | Digital Intra-Oral X-Ray Image Storage - For Processing | DigitalIntraOralXRayImageStorageForProcessing | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-----------------------------|--------------------------------------------------------|-----------------------------------------------------|----------------------------|-----------------|
| 1.2.840.10008.5.1.4.1.1.2 | CT Image Storage | CTImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.2.1 | Enhanced CT Image Storage | EnhancedCTImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.2.2 | Legacy Converted Enhanced CT Image Storage | LegacyConvertedEnhancedCTImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.3 | Ultrasound Multi-frame Image Storage (Retired) | UltrasoundMultiFrameImageStorage Retired | Image Storage SOP Class | PS3.4 (1993) |
| 1.2.840.10008.5.1.4.1.1.3.1 | Ultrasound Multi-frame Image Storage | UltrasoundMultiFrameImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.4 | MR Image Storage | MRImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.4.1 | Enhanced MR Image Storage | EnhancedMRImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.4.2 | MR Spectroscopy Storage | MRSpectroscopyStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.4.3 | Enhanced MR Color Image Storage | EnhancedMRColorImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.4.4 | Legacy Converted Enhanced MR Image Storage | LegacyConvertedEnhancedMRImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.5 | Nuclear Medicine Image Storage (Retired) | NuclearMedicineImageStorageRetired | Image Storage SOP Class | PS3.4 (1993) |
| 1.2.840.10008.5.1.4.1.1.6 | Ultrasound Image Storage (Retired) | UltrasoundImageStorageRetired | Image Storage SOP Class | PS3.4 (1993) |
| 1.2.840.10008.5.1.4.1.1.6.1 | Ultrasound Image Storage | UltrasoundImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.6.2 | Enhanced US Volume Storage | EnhancedUSVolumeStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.6.3 | Photoacoustic Image Storage | PhotoacousticImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.7 | Secondary Capture Image Storage | SecondaryCaptureImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.7.1 | Multi-frame Single Bit Secondary Capture Image Storage | MultiFrameSingleBitSecondaryCaptureImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.7.2 | Multi-frame Grayscale Byte Secondary | MultiFrameGrayscaleByteSecondaryCaptureImageStorage | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-------------------------------|------------------------------------------------------------|-----------------------------------------------------|-------------------------|--------------|
| | Capture Image Storage | | | |
| 1.2.840.10008.5.1.4.1.1.7.3 | Multi-frame Grayscale Word Secondary Capture Image Storage | MultiFrameGrayscaleWordSecondaryCaptureImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.7.4 | Multi-frame True Color Secondary Capture Image Storage | MultiFrameTrueColorSecondaryCaptureImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.8 | Standalone Overlay Storage (Retired) | StandaloneOverlayStorage | Storage SOP Class | PS3.4 (2004) |
| 1.2.840.10008.5.1.4.1.1.9 | Standalone Curve Storage (Retired) | StandaloneCurveStorage | Storage SOP Class | PS3.4 (2004) |
| 1.2.840.10008.5.1.4.1.1.9.1 | Waveform Storage - Trial (Retired) | WaveformStorageTrial | Storage SOP Class | PS3.4 (2007) |
| 1.2.840.10008.5.1.4.1.1.9.1.1 | 12-lead ECG Waveform Storage | TwelveLeadECGWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.1.2 | General ECG Waveform Storage | GeneralECGWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.1.3 | Ambulatory ECG Waveform Storage | AmbulatoryECGWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.1.4 | General 32-bit ECG Waveform Storage | General32bitECGWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.2.1 | Hemodynamic Waveform Storage | HemodynamicWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.3.1 | Cardiac Electrophysiology Waveform Storage | CardiacElectrophysiologyWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.4.1 | Basic Voice Audio Waveform Storage | BasicVoiceAudioWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.4.2 | General Audio Waveform Storage | GeneralAudioWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.5.1 | Arterial Pulse Waveform Storage | ArterialPulseWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.6.1 | Respiratory Waveform Storage | RespiratoryWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.6.2 | Multi-channel Respiratory Waveform Storage | MultichannelRespiratoryWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.7.1 | Routine Scalp Electroencephalogram Waveform Storage | RoutineScalpElectroencephalogramWaveformStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|---------------------------------|--------------------------------------------------------------|---------------------------------------------------------|--------------------------|---------------------|
| 1.2.840.10008.5.1.4.1.1.9.7.2 | Electromyogram Waveform Storage | ElectromyogramWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.7.3 | Electrooculogram Waveform Storage | ElectrooculogramWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.7.4 | Sleep Electroencephalogram Waveform Storage | SleepElectroencephalogram WaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.8.1 | Body Position Waveform Storage | BodyPositionWaveformStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.100.1 | Waveform Presentation State Storage | WaveformPresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.9.100.2 | Waveform Acquisition Presentation State Storage | WaveformAcquisitionPresentation StateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.10 | <i>Standalone Modality LUT Storage (Retired)</i> | <i>StandaloneModalityLUTStorage</i> | Storage SOP Class | <i>PS3.4 (2004)</i> |
| 1.2.840.10008.5.1.4.1.1.11 | <i>Standalone VOI LUT Storage (Retired)</i> | <i>StandaloneVOILUTStorage</i> | Storage SOP Class | <i>PS3.4 (2004)</i> |
| 1.2.840.10008.5.1.4.1.1.11.1 | Grayscale Softcopy Presentation State Storage | GrayscaleSoftcopyPresentationState Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.2 | Color Softcopy Presentation State Storage | ColorSoftcopyPresentationState Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.3 | Pseudo-Color Softcopy Presentation State Storage | PseudoColorSoftcopyPresentation StateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.4 | Blending Softcopy Presentation State Storage | BlendingSoftcopyPresentationState Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.5 | XA/XRF Grayscale Softcopy Presentation State Storage | XAXRFGrayscaleSoftcopy PresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.6 | Grayscale Planar MPR Volumetric Presentation State Storage | GrayscalePlanarMPRVolumetric PresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.7 | Compositing Planar MPR Volumetric Presentation State Storage | CompositingPlanarMPRVolumetric PresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.8 | Advanced Blending Presentation State Storage | AdvancedBlendingPresentationState Storage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------------|------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|--------------|
| 1.2.840.10008.5.1.4.1.1.11.9 | Volume Rendering Volumetric Presentation State Storage | VolumeRenderingVolumetricPresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.10 | Segmented Volume Rendering Volumetric Presentation State Storage | SegmentedVolumeRenderingVolumetricPresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.11 | Multiple Volume Rendering Volumetric Presentation State Storage | MultipleVolumeRenderingVolumetricPresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.11.12 | Variable Modality LUT Softcopy Presentation State Storage | VariableModalityLUTSoftcopyPresentationStateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.12.1 | X-Ray Angiographic Image Storage | XRayAngiographicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.12.1.1 | Enhanced XA Image Storage | EnhancedXAImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.12.2 | X-Ray Radiofluoroscopic Image Storage | XRayRadiofluoroscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.12.2.1 | Enhanced XRF Image Storage | EnhancedXRFImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.12.3 | X-Ray Angiographic Bi-Plane Image Storage (Retired) | XRayAngiographicBiPlaneImageStorage | Image Storage SOP Class | PS3.4 (1998) |
| 1.2.840.10008.5.1.4.1.1.12.77 | (Retired) | | SOP Class | (2015c) |
| 1.2.840.10008.5.1.4.1.1.13.1.1 | X-Ray 3D Angiographic Image Storage | XRay3DAngiographicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.13.1.2 | X-Ray 3D Craniofacial Image Storage | XRay3DCraniofacialImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.13.1.3 | Breast Tomosynthesis Image Storage | BreastTomosynthesisImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.13.1.4 | Breast Projection X-Ray Image Storage - For Presentation | BreastProjectionXRayImageStorageForPresentation | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.13.1.5 | Breast Projection X-Ray Image Storage - For Processing | BreastProjectionXRayImageStorageForProcessing | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------|---------|
| 1.2.840.10008.5.1.4.1.1.14.1 | Intravascular Optical Coherence Tomography Image Storage - For Presentation | IntravascularOpticalCoherenceTomographyImageStorageForPresentation | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.14.2 | Intravascular Optical Coherence Tomography Image Storage - For Processing | IntravascularOpticalCoherenceTomographyImageStorageForProcessing | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.20 | Nuclear Medicine Image Storage | NuclearMedicineImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.30 | Parametric Map Storage | ParametricMapStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.40 | (Retired) | | SOP Class | (2015c) |
| 1.2.840.10008.5.1.4.1.1.66 | Raw Data Storage | RawDataStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.1 | Spatial Registration Storage | SpatialRegistrationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.2 | Spatial Fiducials Storage | SpatialFiducialsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.3 | Deformable Spatial Registration Storage | DeformableSpatialRegistrationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.4 | Segmentation Storage | SegmentationStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.5 | Surface Segmentation Storage | SurfaceSegmentationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.6 | Tractography Results Storage | TractographyResultsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.7 | Label Map Segmentation Storage | LabelMapSegmentationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.66.8 | Height Map Segmentation Storage | HeightMapSegmentationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.67 | Real World Value Mapping Storage | RealWorldValueMappingStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.68.1 | Surface Scan Mesh Storage | SurfaceScanMeshStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.68.2 | Surface Scan Point Cloud Storage | SurfaceScanPointCloudStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|----------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------|--------------|
| 1.2.840.10008.5.1.4.1.1.77.1 | VL Image Storage - Trial (Retired) | VLImageStorageTrial | Image SOP Class | PS3.4 (1998) |
| 1.2.840.10008.5.1.4.1.1.77.2 | VL Multi-frame Image Storage - Trial (Retired) | VLMultiFrameImageStorageTrial | Image SOP Class | PS3.4 (1998) |
| 1.2.840.10008.5.1.4.1.1.77.1.1 | VL Endoscopic Image Storage | VLEndoscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.1.1 | Video Endoscopic Image Storage | VideoEndoscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.2 | VL Microscopic Image Storage | VLMicroscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.2.1 | Video Microscopic Image Storage | VideoMicroscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.3 | VL Slide-Coordinates Microscopic Image Storage | VLSlideCoordinatesMicroscopicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.4 | VL Photographic Image Storage | VLPhotographicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.4.1 | Video Photographic Image Storage | VideoPhotographicImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.1 | Ophthalmic Photography 8 Bit Image Storage | OphthalmicPhotography8BitImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.2 | Ophthalmic Photography 16 Bit Image Storage | OphthalmicPhotography16BitImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.3 | Stereometric Relationship Storage | StereometricRelationshipStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.4 | Ophthalmic Tomography Image Storage | OphthalmicTomographyImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.5 | Wide Field Ophthalmic Photography Stereographic Projection Image Storage | WideFieldOphthalmicPhotographyStereographicProjectionImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.6 | Wide Field Ophthalmic Photography 3D Coordinates Image Storage | WideFieldOphthalmicPhotography3DCoordinatesImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.5.7 | Ophthalmic Optical Coherence | OphthalmicOpticalCoherenceTomographyEnFaceImageStorage | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|----------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------|-------|
| | Tomography En Face Image Storage | | | |
| 1.2.840.10008.5.1.4.1.1.77.1.5.8 | Ophthalmic Optical Coherence Tomography B-scan Volume Analysis Storage | OphthalmicOpticalCoherence TomographyBscanVolumeAnalysis Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.6 | VL Whole Slide Microscopy Image Storage | VLWholeSlideMicroscopyImage Storage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.7 | Dermoscopic Photography Image Storage | DermoscopicPhotographyImage Storage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.8 | Confocal Microscopy Image Storage | ConfocalMicroscopyImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.77.1.9 | Confocal Microscopy Tiled Pyramidal Image Storage | ConfocalMicroscopyTiledPyramidal ImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.1 | Lensometry Measurements Storage | LensometryMeasurementsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.2 | Autorefracton Measurements Storage | AutorefractonMeasurementsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.3 | Keratometry Measurements Storage | KeratometryMeasurementsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.4 | Subjective Refraction Measurements Storage | SubjectiveRefractionMeasurements Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.5 | Visual Acuity Measurements Storage | VisualAcuityMeasurementsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.6 | Spectacle Prescription Report Storage | SpectaclePrescriptionReportStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.7 | Ophthalmic Axial Measurements Storage | OphthalmicAxialMeasurements Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.78.8 | Intraocular Lens Calculations Storage | IntraocularLensCalculationsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.79.1 | Macular Grid Thickness and Volume Report Storage | MacularGridThicknessAndVolume ReportStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-------------------------------|---------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------|
| 1.2.840.10008.5.1.4.1.1.80.1 | Ophthalmic Visual Field Static Perimetry Measurements Storage | OphthalmicVisualFieldStaticPerimetryMeasurementsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.81.1 | Ophthalmic Thickness Map Storage | OphthalmicThicknessMapStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.82.1 | Corneal Topography Map Storage | CornealTopographyMapStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.1 | <i>Text SR Storage - Trial (Retired)</i> | <i>TextSRStorageTrial</i> | Storage SOP Class | PS3.4 (2007) |
| 1.2.840.10008.5.1.4.1.1.88.2 | <i>Audio SR Storage - Trial (Retired)</i> | <i>AudioSRStorageTrial</i> | Storage SOP Class | PS3.4 (2007) |
| 1.2.840.10008.5.1.4.1.1.88.3 | <i>Detail SR Storage - Trial (Retired)</i> | <i>DetailSRStorageTrial</i> | Storage SOP Class | PS3.4 (2007) |
| 1.2.840.10008.5.1.4.1.1.88.4 | <i>Comprehensive SR Storage - Trial (Retired)</i> | <i>ComprehensiveSRStorageTrial</i> | Storage SOP Class | PS3.4 (2007) |
| 1.2.840.10008.5.1.4.1.1.88.11 | Basic Text SR Storage | BasicTextSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.22 | Enhanced SR Storage | EnhancedSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.33 | Comprehensive SR Storage | ComprehensiveSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.34 | Comprehensive 3D SR Storage | Comprehensive3DSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.35 | Extensible SR Storage | ExtensibleSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.40 | Procedure Log Storage | ProcedureLogStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.50 | Mammography CAD SR Storage | MammographyCADSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.59 | Key Object Selection Document Storage | KeyObjectSelectionDocumentStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.65 | Chest CAD SR Storage | ChestCADSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.67 | X-Ray Radiation Dose SR Storage | XRyRadiationDoseSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.68 | Radiopharmaceutical Radiation Dose SR Storage | RadiopharmaceuticalRadiationDoseSRStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------------------|----------------------------------------------------|-----------------------------------------------|--------------------------------|--------------|
| 1.2.840.10008.5.1.4.1.1.88.69 | Colon CAD SR Storage | ColonCADSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.70 | Implantation Plan SR Storage | ImplantationPlanSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.71 | Acquisition Context SR Storage | AcquisitionContextSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.72 | Simplified Adult Echo SR Storage | SimplifiedAdultEchoSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.73 | Patient Radiation Dose SR Storage | PatientRadiationDoseSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.74 | Planned Imaging Agent Administration SR Storage | PlannedImagingAgentAdministrationSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.75 | Performed Imaging Agent Administration SR Storage | PerformedImagingAgentAdministrationSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.76 | Enhanced X-Ray Radiation Dose SR Storage | EnhancedXRayRadiationDoseSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.88.77 | Waveform Annotation SR Storage | WaveformAnnotationSRStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.90.1 | Content Assessment Results Storage | ContentAssessmentResultsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.91.1 | Microscopy Bulk Simple Annotations Storage | MicroscopyBulkSimpleAnnotationsStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.104.1 | Encapsulated PDF Storage | EncapsulatedPDFStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.104.2 | Encapsulated CDA Storage | EncapsulatedCDAStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.104.3 | Encapsulated STL Storage | EncapsulatedSTLStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.104.4 | Encapsulated OBJ Storage | EncapsulatedOBJStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.104.5 | Encapsulated MTL Storage | EncapsulatedMTLStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.128 | Positron Emission Tomography Image Storage | PositronEmissionTomographyImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.128.1 | Legacy Converted Enhanced PET Image Storage | LegacyConvertedEnhancedPETImageStorage | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------|--------------|
| 1.2.840.10008.5.1.4.1.1.129 | Standalone PET Curve Storage (Retired) | StandalonePETCurveStorage | Storage SOP Class | PS3.4 (2004) |
| 1.2.840.10008.5.1.4.1.1.130 | Enhanced PET Image Storage | EnhancedPETImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.131 | Basic Structured Display Storage | BasicStructuredDisplayStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.1 | CT Defined Procedure Protocol Storage | CTDefinedProcedureProtocolStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.2 | CT Performed Procedure Protocol Storage | CTPerformedProcedureProtocol Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.3 | Protocol Approval Storage | ProtocolApprovalStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.4 | Protocol Approval Information Model - FIND | ProtocolApprovalInformationModel Find | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.5 | Protocol Approval Information Model - MOVE | ProtocolApprovalInformationModel Move | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.6 | Protocol Approval Information Model - GET | ProtocolApprovalInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.7 | XA Defined Procedure Protocol Storage | XADefinedProcedureProtocolStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.200.8 | XA Performed Procedure Protocol Storage | XAPerformedProcedureProtocol Storage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.1 | Inventory Storage | InventoryStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.2 | Inventory - FIND | InventoryFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.3 | Inventory - MOVE | InventoryMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.4 | Inventory - GET | InventoryGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.5 | Inventory Creation | InventoryCreation | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.6 | Repository Query | RepositoryQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.201.1.1 | Storage Management SOP Instance | StorageManagementInstance | Well-known SOP Instance | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.1 | RT Image Storage | RTImageStorage | Image Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------------|------------------------------------------------|------------------------------------------|-------------------------|-------|
| 1.2.840.10008.5.1.4.1.1.481.2 | RT Dose Storage | RTDoseStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.3 | RT Structure Set Storage | RTStructureSetStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.4 | RT Beams Treatment Record Storage | RTBeamsTreatmentRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.5 | RT Plan Storage | RTPlanStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.6 | RT Brachy Treatment Record Storage | RTBrachyTreatmentRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.7 | RT Treatment Summary Record Storage | RTTreatmentSummaryRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.8 | RT Ion Plan Storage | RTIonPlanStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.9 | RT Ion Beams Treatment Record Storage | RTIonBeamsTreatmentRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.10 | RT Physician Intent Storage | RTPhysicianIntentStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.11 | RT Segment Annotation Storage | RTSegmentAnnotationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.12 | RT Radiation Set Storage | RTRadiationSetStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.13 | C-Arm Photon-Electron Radiation Storage | CArmPhotonElectronRadiationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.14 | Tomotherapeutic Radiation Storage | TomotherapeuticRadiationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.15 | Robotic-Arm Radiation Storage | RoboticArmRadiationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.16 | RT Radiation Record Set Storage | RTRadiationRecordSetStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.17 | RT Radiation Salvage Record Storage | RTRadiationSalvageRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.18 | Tomotherapeutic Radiation Record Storage | TomotherapeuticRadiationRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.19 | C-Arm Photon-Electron Radiation Record Storage | CArmPhotonElectronRadiationRecordStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|---------------------------------------|------------------------------------------------------|------------------------------------------------|--------------------------------|--------------------------|
| 1.2.840.10008.5.1.4.1.1.481.20 | Robotic Radiation Record Storage | RoboticRadiationRecordStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.21 | RT Radiation Set Delivery Instruction Storage | RTRadiationSetDeliveryInstructionStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.22 | RT Treatment Preparation Storage | RTTreatmentPreparationStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.23 | Enhanced RT Image Storage | EnhancedRTImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.24 | Enhanced Continuous RT Image Storage | EnhancedContinuousRTImageStorage | Image Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.481.25 | RT Patient Position Acquisition Instruction Storage | RTPatientPositionAcquisitionInstructionStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.1.501.1 | DICOS CT Image Storage | DICOSCTImageStorage | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.2.1 | DICOS Digital X-Ray Image Storage - For Presentation | DICOSDigitalXRayImageStorageForPresentation | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.2.2 | DICOS Digital X-Ray Image Storage - For Processing | DICOSDigitalXRayImageStorageForProcessing | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.3 | DICOS Threat Detection Report Storage | DICOSThreatDetectionReportStorage | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.4 | DICOS 2D AIT Storage | DICOS2DAITStorage | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.5 | DICOS 3D AIT Storage | DICOS3DAITStorage | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.501.6 | DICOS Quadrupole Resonance (QR) Storage | DICOSQuadrupoleResonanceStorage | Image Storage SOP Class | DICOS |
| 1.2.840.10008.5.1.4.1.1.601.1 | Eddy Current Image Storage | EddyCurrentImageStorage | Image Storage SOP Class | DICONDE ASTM E2934 |
| 1.2.840.10008.5.1.4.1.1.601.2 | Eddy Current Multi-frame Image Storage | EddyCurrentMultiFrameImageStorage | Image Storage SOP Class | DICONDE ASTM E2934 |
| 1.2.840.10008.5.1.4.1.1.601.3 | Thermography Image Storage | ThermographyImageStorage | Image Storage SOP Class | DICONDE ASTM E3440 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|----------------------------|--------------------------|
| 1.2.840.10008.5.1.4.1.1.601.4 | Thermography Multi-frame Image Storage | ThermographyMultiFrameImageStorage | Image Storage SOP Class | DICONDE ASTM E3440 |
| 1.2.840.10008.5.1.4.1.1.601.5 | Ultrasound Waveform Storage | UltrasoundWaveformStorage | Storage SOP Class | DICONDE ASTM E2663 |
| 1.2.840.10008.5.1.4.1.2.1.1 | Patient Root Query/Retrieve Information Model - FIND | PatientRootQueryRetrieveInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.1.2 | Patient Root Query/Retrieve Information Model - MOVE | PatientRootQueryRetrieveInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.1.3 | Patient Root Query/Retrieve Information Model - GET | PatientRootQueryRetrieveInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.2.1 | Study Root Query/Retrieve Information Model - FIND | StudyRootQueryRetrieveInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.2.2 | Study Root Query/Retrieve Information Model - MOVE | StudyRootQueryRetrieveInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.2.3 | Study Root Query/Retrieve Information Model - GET | StudyRootQueryRetrieveInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.3.1 | <i>Patient/Study Only Query/Retrieve Information Model - FIND (Retired)</i> | <i>PatientStudyOnlyQueryRetrieveInformationModelFind</i> | SOP Class | <i>PS3.4 (2004)</i> |
| 1.2.840.10008.5.1.4.1.2.3.2 | <i>Patient/Study Only Query/Retrieve Information Model - MOVE (Retired)</i> | <i>PatientStudyOnlyQueryRetrieveInformationModelMove</i> | SOP Class | <i>PS3.4 (2004)</i> |
| 1.2.840.10008.5.1.4.1.2.3.3 | <i>Patient/Study Only Query/Retrieve Information Model - GET (Retired)</i> | <i>PatientStudyOnlyQueryRetrieveInformationModelGet</i> | SOP Class | <i>PS3.4 (2004)</i> |
| 1.2.840.10008.5.1.4.1.2.4.2 | Composite Instance Root Retrieve - MOVE | CompositeInstanceRootRetrieveMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.1.2.4.3 | Composite Instance Root Retrieve - GET | CompositeInstanceRootRetrieveGet | SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|-----------------------------|----------------------------------------------------------------------------|---------------------------------------------------|-----------------------|---------------------|
| 1.2.840.10008.5.1.4.1.2.5.3 | Composite Instance Retrieve Without Bulk Data - GET | CompositeInstanceRetrieveWithoutBulkDataGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.20.1 | Defined Procedure Protocol Information Model - FIND | DefinedProcedureProtocolInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.20.2 | Defined Procedure Protocol Information Model - MOVE | DefinedProcedureProtocolInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.20.3 | Defined Procedure Protocol Information Model - GET | DefinedProcedureProtocolInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.31 | Modality Worklist Information Model - FIND | ModalityWorklistInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.32 | <i>General Purpose Worklist Management Meta SOP Class (Retired)</i> | <i>GeneralPurposeWorklistManagementMeta</i> | <i>Meta SOP Class</i> | <i>PS3.4 (2011)</i> |
| 1.2.840.10008.5.1.4.32.1 | <i>General Purpose Worklist Information Model - FIND (Retired)</i> | <i>GeneralPurposeWorklistInformationModelFind</i> | <i>SOP Class</i> | <i>PS3.4 (2011)</i> |
| 1.2.840.10008.5.1.4.32.2 | <i>General Purpose Scheduled Procedure Step SOP Class (Retired)</i> | <i>GeneralPurposeScheduledProcedureStep</i> | <i>SOP Class</i> | <i>PS3.4 (2011)</i> |
| 1.2.840.10008.5.1.4.32.3 | <i>General Purpose Performed Procedure Step SOP Class (Retired)</i> | <i>GeneralPurposePerformedProcedureStep</i> | <i>SOP Class</i> | <i>PS3.4 (2011)</i> |
| 1.2.840.10008.5.1.4.33 | Instance Availability Notification SOP Class | InstanceAvailabilityNotification | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.1 | <i>RT Beams Delivery Instruction Storage - Trial (Retired)</i> | <i>RTBeamsDeliveryInstructionStorageTrial</i> | <i>SOP Class</i> | <i>PS3.4 (2009)</i> |
| 1.2.840.10008.5.1.4.34.2 | <i>RT Conventional Machine Verification - Trial (Retired)</i> | <i>RTConventionalMachineVerificationTrial</i> | <i>SOP Class</i> | <i>PS3.4 (2009)</i> |
| 1.2.840.10008.5.1.4.34.3 | <i>RT Ion Machine Verification - Trial (Retired)</i> | <i>RTIonMachineVerificationTrial</i> | <i>SOP Class</i> | <i>PS3.4 (2009)</i> |
| 1.2.840.10008.5.1.4.34.4 | <i>Unified Worklist and Procedure Step Service Class - Trial (Retired)</i> | <i>UnifiedWorklistAndProcedureStepTrial</i> | <i>Service Class</i> | <i>PS3.4 (2009)</i> |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|----------------------------|------------------------------------------------------------|----------------------------------------------------|--------------------------|--------------|
| 1.2.840.10008.5.1.4.34.4.1 | Unified Procedure Step - Push SOP Class - Trial (Retired) | UnifiedProcedureStepPushTrial | SOP Class | PS3.4 (2009) |
| 1.2.840.10008.5.1.4.34.4.2 | Unified Procedure Step - Watch SOP Class - Trial (Retired) | UnifiedProcedureStepWatchTrial | SOP Class | PS3.4 (2009) |
| 1.2.840.10008.5.1.4.34.4.3 | Unified Procedure Step - Pull SOP Class - Trial (Retired) | UnifiedProcedureStepPullTrial | SOP Class | PS3.4 (2009) |
| 1.2.840.10008.5.1.4.34.4.4 | Unified Procedure Step - Event SOP Class - Trial (Retired) | UnifiedProcedureStepEventTrial | SOP Class | PS3.4 (2009) |
| 1.2.840.10008.5.1.4.34.5 | UPS Global Subscription SOP Instance | UPSGlobalSubscriptionInstance | Well-known SOP Instance | PS3.4 |
| 1.2.840.10008.5.1.4.34.5.1 | UPS Filtered Global Subscription SOP Instance | UPSFilteredGlobalSubscriptionInstance | Well-known SOP Instance | PS3.4 |
| 1.2.840.10008.5.1.4.34.6 | Unified Worklist and Procedure Step Service Class | UnifiedWorklistAndProcedureStep | Service Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.6.1 | Unified Procedure Step - Push SOP Class | UnifiedProcedureStepPush | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.6.2 | Unified Procedure Step - Watch SOP Class | UnifiedProcedureStepWatch | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.6.3 | Unified Procedure Step - Pull SOP Class | UnifiedProcedureStepPull | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.6.4 | Unified Procedure Step - Event SOP Class | UnifiedProcedureStepEvent | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.6.5 | Unified Procedure Step - Query SOP Class | UnifiedProcedureStepQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.7 | RT Beams Delivery Instruction Storage | RTBeamsDeliveryInstructionStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.8 | RT Conventional Machine Verification | RTConventionalMachineVerification | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.9 | RT Ion Machine Verification | RTIonMachineVerification | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.34.10 | RT Brachy Application Setup Delivery Instruction Storage | RTBrachyApplicationSetupDeliveryInstructionStorage | Storage SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------|-------------------------------------------------------|-----------------------------------------------|--------------------------|-------|
| 1.2.840.10008.5.1.4.37.1 | General Relevant Patient Information Query | GeneralRelevantPatientInformationQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.37.2 | Breast Imaging Relevant Patient Information Query | BreastImagingRelevantPatientInformationQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.37.3 | Cardiac Relevant Patient Information Query | CardiacRelevantPatientInformationQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.38.1 | Hanging Protocol Storage | HangingProtocolStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.38.2 | Hanging Protocol Information Model - FIND | HangingProtocolInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.38.3 | Hanging Protocol Information Model - MOVE | HangingProtocolInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.38.4 | Hanging Protocol Information Model - GET | HangingProtocolInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.39.1 | Color Palette Storage | ColorPaletteStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.39.2 | Color Palette Query/Retrieve Information Model - FIND | ColorPaletteQueryRetrieveInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.39.3 | Color Palette Query/Retrieve Information Model - MOVE | ColorPaletteQueryRetrieveInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.39.4 | Color Palette Query/Retrieve Information Model - GET | ColorPaletteQueryRetrieveInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.41 | Product Characteristics Query SOP Class | ProductCharacteristicsQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.42 | Substance Approval Query SOP Class | SubstanceApprovalQuery | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.43.1 | Generic Implant Template Storage | GenericImplantTemplateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.43.2 | Generic Implant Template Information Model - FIND | GenericImplantTemplateInformationModelFind | SOP Class | PS3.4 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|--------------------------|----------------------------------------------------|---------------------------------------------|---------------------------|--------|
| 1.2.840.10008.5.1.4.43.3 | Generic Implant Template Information Model - MOVE | GenericImplantTemplateInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.43.4 | Generic Implant Template Information Model - GET | GenericImplantTemplateInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.44.1 | Implant Assembly Template Storage | ImplantAssemblyTemplateStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.44.2 | Implant Assembly Template Information Model - FIND | ImplantAssemblyTemplateInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.44.3 | Implant Assembly Template Information Model - MOVE | ImplantAssemblyTemplateInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.44.4 | Implant Assembly Template Information Model - GET | ImplantAssemblyTemplateInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.45.1 | Implant Template Group Storage | ImplantTemplateGroupStorage | Storage SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.45.2 | Implant Template Group Information Model - FIND | ImplantTemplateGroupInformationModelFind | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.45.3 | Implant Template Group Information Model - MOVE | ImplantTemplateGroupInformationModelMove | SOP Class | PS3.4 |
| 1.2.840.10008.5.1.4.45.4 | Implant Template Group Information Model - GET | ImplantTemplateGroupInformationModelGet | SOP Class | PS3.4 |
| 1.2.840.10008.7.1.1 | Native DICOM Model | NativeDICOMModel | Application Hosting Model | PS3.19 |
| 1.2.840.10008.7.1.2 | Abstract Multi-Dimensional Image Model | AbstractMultiDimensionalImageModel | Application Hosting Model | PS3.19 |
| 1.2.840.10008.8.1.1 | DICOM Content Mapping Resource | DICOMContentMappingResource | Mapping Resource | PS3.16 |
| 1.2.840.10008.10.1 | Video Endoscopic Image Real-Time Communication | VideoEndoscopicImageRealTimeCommunication | SOP Class | PS3.22 |
| 1.2.840.10008.10.2 | Video Photographic Image Real-Time Communication | VideoPhotographicImageRealTimeCommunication | SOP Class | PS3.22 |
| 1.2.840.10008.10.3 | Audio Waveform Real-Time Communication | AudioWaveformRealTimeCommunication | SOP Class | PS3.22 |

| UID Value | UID Name | UID Keyword | UID Type | Part |
|------------------------|------------------------------------------------------|--------------------------------------------------|-----------|--------|
| 1.2.840.10008.10.4 | Rendition Selection Document Real-Time Communication | RenditionSelectionDocumentReal TimeCommunication | SOP Class | PS3.22 |
| 1.2.840.10008.15.0.3.1 | dicomDeviceName | dicomDeviceName | LDAP OID | PS3.15 |
| ... | | | | |