

# DICOM Conformance Statement

LumiGuide Equipment R2.2 based on Interventional Workspot R1.8



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## 1. DICOM Conformance Statement Overview

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450,version 4.0)

## 2. Contents

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### 3. Introduction

This DICOM Conformance Statement annex is applicable to the LumiGuide Equipment R2.2 based on the Interventional Workspot R1.8 hosting platform. The DICOM behavior of Interventional Workspot R1.8 is described in DICOM Conformance Statement Interventional Workspot R1.8.

The LumiGuide Equipment R2.2 is based on Fiber Optic Real Shape technology. The technology involves sending laser light into an optical fiber sensor and measuring light reflected back from that sensor. This allows for live, 3D reconstruction of the shape of that fiber sensor, by means of software and electronic components. The optical fiber sensor is integrated into an angiographic device, which enables live, 3D visualization of the angiographic device.

The LumiGuide Equipment is used in conjunction with an Interventional X-ray system. The real time, 3D visualization of the angiographic device by the LumiGuide Equipment is overlaid on an anatomical context displayed by the X-ray system. The anatomical context is intra-procedurally acquired X-ray data, without or in combination with, overlaid pre-procedurally acquired CT-data.

#### 3.1. Revision History

The revision history provides dates and differences of the different releases.

**Table 1: Revision History**

Document Version	Date of Issue	Description of change
1.0	20-Aug-2025	Release for LumiGuide Equipment R2.2 based on Interventional Workspot R1.8

#### 3.2. Audience

This Conformance Statement is intended for:

- (Potential) customers
- System integrators of medical equipment
- Marketing staff interested in system functionality
- Software designers implementing DICOM interfaces

It is assumed that the reader is familiar with the DICOM standard.

#### 3.3. Remarks

This DICOM Conformance Statement by itself does not guarantee successful interoperability of Philips equipment with non- Philips equipment. The user (or user's agent) should be aware of the following issues:

- **Interoperability**  
Interoperability refers to the ability of application functions, distributed over two or more systems, to work successfully together. The integration of medical devices into an IT environment may require application functions that are not specified within the scope of DICOM. Consequently, using only the information provided by this Conformance Statement does not guarantee interoperability of Philips equipment with non-Philips equipment.  
It is the user's responsibility to analyze thoroughly the application requirements and to specify a solution that integrates Philips equipment with non-Philips equipment.
- **Validation**  
Philips equipment has been carefully tested to ensure that the actual implementation of the DICOM interface corresponds with this Conformance Statement. Where Philips equipment is linked to non-Philips equipment, the first step is to compare the relevant Conformance Statements. If the Conformance Statements indicate that successful information exchange should be possible, additional validation tests will be necessary to ensure the functionality, performance, accuracy and stability of image and image related data. It is the responsibility of the user (or user's agent) to specify the appropriate test suite and to carry out the additional validation tests.

- **New versions of the DICOM Standard**

The DICOM Standard will evolve in future to meet the user's growing requirements and to incorporate new features and technologies. Philips is actively involved in this evolution and plans to adapt its equipment to future versions of the DICOM Standard. In order to do so, Philips reserves the right to make changes to its products or to discontinue its delivery. The user should ensure that any non-Philips provider linking to Philips equipment also adapts to future versions of the DICOM Standard. If not, the incorporation of DICOM enhancements into Philips equipment may lead to loss of connectivity (in case of networking) and incompatibility (in the case of media).

### 3.4. Definitions, Terms and Abbreviations

**Table 2: Definitions, Terms and Abbreviations**

Abbreviation/Term	Explanation
CT	Computed Tomography
DICOM	Digital Imaging and Communications in Medicine
IOD	Information Object Definition
SC	Secondary Capture
SOP	Service Object Pair
UID	Unique Identifier
VR	Value Representation
XA	X-Ray Angiographic

### 3.5. References

[DICOM] Digital Imaging and Communications in Medicine, Parts 1 - 22 (NEMA PS 3.1- PS 3.22),  
 National Electrical Manufacturers Association  
 1300 North 17th Street  
 Suite 900  
 Arlington, Virginia 22209  
 Internet: <https://www.dicomstandard.org/current>

## 4. Networking

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

## 5. Media Interchange

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

## 6. Support of Character Sets

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

## 7. Security

### 7.1. Security Profiles

The LumiGuide Equipment R2.2 does not fully support DICOM security profiles. However, it does support security measures that will be used for secure authentication of a node and for the generation of audit records. The LumiGuide Equipment R2.2 allows the use of a secure DICOM communication and creation of audit trails.

#### 7.1.1. Security use Profiles

Not applicable since it is not supported.

#### 7.1.2. DICOM TLS Secure Transport Connection Profile

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8(HSDP- 1068450, version 4.0).

#### 7.1.3. Digital Signature Profiles

Not applicable since it is not supported.

#### 7.1.4. Media Storage Security Profiles

Not applicable since it is not supported.

#### 7.1.5. Attribute Confidentiality Profiles

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

#### 7.1.6. Network Address Management Profiles

Not applicable since it is not supported.

#### 7.1.7. Time Synchronization Profiles

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

#### 7.1.8. Application Configuration Management Profiles

Not applicable since it is not supported.

#### 7.1.9. Audit Trail Profiles

##### 7.1.9.1. Generation of Audit Records

The Audit Trail Component is a component that can create messages according to the ATNA, IHE defined standard. Actors are information systems or components of information systems that produce, manage, or act on categories of information required by operational activities in the enterprise. The Audit Trail Component allows security officers in an institution to audit activities, to detect non-compliant behavior in the enterprise, and to facilitate detection of improper creation, access, modification, and deletion of Protected Health Information (PHI), where PHI data is considered as information records (Registration, Order, Study/Procedure, Reports and to a lesser degree Images/Presentation States), and not the flow of information between the systems.

The following table specifies the DICOM Audit Messages that LumiGuide Equipment can report.

**Table 3: DICOM Specific Audit Messages**

SL No	Trigger Event	Description	DICOM Audit Message
1	Actor-Start-Stop	This audit message describes the event of an Application Entity starting or stopping.	Application Activity

**7.2. Association Level Security**

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

**7.3. Application Level Security**

For information about this section, Refer DICOM Conformance Statement Interventional Workspot R1.8 (HSDP-1068450, version 4.0).

## 8. Annexes of application "LumiGuide Equipment R2.2"

### 8.1. Supported IOD's

This section specifies each IOD accepted and/ or created by LumiGuide Equipment R2.2

**ACCEPTED** The applicable IOD is accepted for storage in the repository of the hosting platform and supported for import in LumiGuide Equipment R2.2

**CREATED** The LumiGuide Equipment supports generation of derived data by using the applicable IOD and can store this data in the repository of the hosting platform.

**Table 4 : Supported IOD's**

IOD		Support	
Name	UID	ACCEPTED	CREATED
Computed Tomography Image Storage SOP Class	1.2.840.10008.5.1.4.1.1.2	Yes	No
Secondary Capture Image Storage SOP Class	1.2.840.10008.5.1.4.1.1.7	Yes	Yes
X-Ray Angiographic Image Storage SOP Class	1.2.840.10008.5.1.4.1.1.12.1	Yes	Yes

#### 8.1.1. Acceptance Criteria

LumiGuide Equipment R2.2 accepts all CT objects that are available in the Interventional Workspot hosting platform.

#### 8.1.2. Created SOP Instance

This section specifies each IOD created by this application.

This section specifies each IOD created (including private IOD's). It should specify the attribute name, tag, VR, and value. The value should specify the range and source (e.g. user input, Modality Worklist, automatically generated, etc.). For content items in templates, the range and source of the concept name and concept values should be specified. Whether the value is always present or not shall be specified.

Abbreviations used in the IOD tables for the column "Presence of Module" are:

ALWAYS	The attribute is always present with a value
EMPTY	The attribute is always present without any value (attribute sent zero length)
VNAP	The attribute is always present and its Value is Not Always Present (attribute sent zero length if no value is present)
ANAP	The attribute is present under specified condition – if present then it will always have a value

The abbreviations used in the Module table for the column "Source" are:

AUTO	The attribute value is generated automatically
CONFIG	The attribute value source is a configurable parameter
COPY	The attribute value source is another SOP instance
FIXED	The attribute value is hard-coded in the application
IMPLICIT	The attribute value source is a user-implicit setting
USER	The attribute value source is explicit user input
MPPS	The attribute value is the same as that use for Modality Performed Procedure Step
MWL	The attribute value source is a Modality Worklist

**8.1.2.1. List of created SOP Classes**

**Table 5: List of created SOP Classes**

SOP Class Name	SOP Class UID
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1

**8.1.2.1.1 Secondary Capture Image Storage SOP class**

**Table 6: IOD of Created Secondary Capture Image Storage SOP Class Instances**

Information Entity	Module	Presence Of Module
Patient	Patient Module	ALWAYS
Study	General Study Module	ALWAYS
	Patient Study Module	CONDITIONAL (If present in the source data)
Series	General Series Module	ALWAYS
Equipment	General Equipment Module	CONDITIONAL (If present in the source data)
Image	SC Equipment Module	ALWAYS
	General Image Module	ALWAYS
	Image Pixel Module	ALWAYS
	SC Image Model	ALWAYS
	SOP Common Module	ALWAYS
	VOI LUT Module	ALWAYS

**Table 7: Patient Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Patient's Name	0010,0010	PN		ALWAYS	COPY	Copied from Source CT object or from Interventional X-ray system
Patient ID	0010,0020	LO		ALWAYS	COPY	Copied from Source CT object or from Interventional X-ray system
Issuer of Patient ID	0010,0021	LO		ANAP	COPY	Copied from Source CT object or from Interventional X-ray system
Patient's Birth Date	0010,0030	DA		ALWAYS	COPY	Copied from Source CT object or from Interventional X-ray system
Patient's Sex	0010,0040	CS		ALWAYS	COPY	Copied from Source CT object or from Interventional X-ray system

**Table 8: General Study Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Study Date	0008,0020	DA		ALWAYS	COPY	Copied from Source CT object
Study Time	0008,0030	TM		ALWAYS	COPY	Copied from Source CT object
Accession Number	0008,0050	SH		VNAP	COPY	Copied from Source CT object
Referring Physician's Name	0008,0090	PN		VNAP	COPY	Copied from Source CT object
Study Instance UID	0020,000D	UI		ALWAYS	COPY	Copied from Source CT object
Study ID	0020,0010	SH		ALWAYS	COPY	Copied from Source CT object

**Table 9: General Series Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Series Date	0008,0021	DA		ALWAYS	AUTO	
Series Time	0008,0031	TM		ALWAYS	AUTO	
Modality	0008,0060	CS	XA	ALWAYS	FIXED	
Series Instance UID	0020,000E	UI		ALWAYS	AUTO	
Series Number	0020,0011	IS		VNAP	AUTO	
Performed Procedure Step ID	0040,0253	SH		ANAP	AUTO	
Related Series Sequence	0008,1250	SQ		VNAP	AUTO	
>Study Instance UID	0020,000D	UI		ALWAYS	AUTO	
>Series Instance UID	0020,000E	UI		ALWAYS	AUTO	
>Purpose of Reference Code Sequence	0040,A170	SQ		VNAP	AUTO	
Performed Procedure Step Start Date	0040,0244	DA		ALWAYS	AUTO	
Performed Procedure Step Start Time	0040,0245	TM		ALWAYS	AUTO	

**Table 10: General Equipment Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Manufacturer	0008,0070	LO	Philips	VNAP	COPY	
Institution Name	0008,0080	LO		ANAP	COPY	
Manufacturer's Model Name	0008,1090	LO	Interventional Workspot	ALWAYS	COPY	
Device Serial Number	0018,1000	LO		ANAP	COPY	
Software Version(s)	0018,1020	LO	2.2.0.0	ALWAYS	AUTO	

**Table 11: SC Equipment Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Conversion Type	0008,0064	CS	WSD	ALWAYS	FIXED	
Modality	0008,0060	CS	XA	ALWAYS	FIXED	

**Table 12: General Image Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Instance Number	0020,0013	IS		ALWAYS	AUTO	
Image Type	0008,0008	CS	DERIVED\ SECONDARY	ANAP	FIXED	
Content Date	0008,0023	DA		VNAP	AUTO	
Content Time	0008,0033	TM		VNAP	AUTO	
Patient Orientation	0020,0020	CS		VNAP	AUTO	

**Table 13: Image Pixel Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Samples per Pixel	0028,0002	US		ALWAYS	AUTO	
Photometric Interpretation	0028,0004	CS		ALWAYS	AUTO	
Planar Configuration	0028,0006	US		ALWAYS	AUTO	
Rows	0028,0010	US		ALWAYS	AUTO	
Columns	0028,0011	US		ALWAYS	AUTO	
Bits Allocated	0028,0100	US	8	ALWAYS	FIXED	
Bits Stored	0028,0101	US	8	ALWAYS	FIXED	
High Bit	0028,0102	US	7	ALWAYS	FIXED	
Pixel Representation	0028,0103	US	0	ALWAYS	FIXED	
Pixel Data	7FE0,0010	OW		ALWAYS	AUTO	

**Table 14: SC Image Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Date of Secondary Capture	0018,1012	DA		ANAP	AUTO	
Time of Secondary Capture	0018,1014	TM		ANAP	AUTO	

**Table 15: VOI LUT Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Window Center	0028,1050	DS		ALWAYS	COPY	
Window Width	0028,1051	DS		ALWAYS	COPY	

**Table 16: SOP Common Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
SOP Class UID	0008,0016	UI	1.2.840.1000 8.5.1.4.1.1.7	ALWAYS	FIXED	
SOP Instance UID	0008,0018	UI		ALWAYS	AUTO	
Instance Creation Date	0008,0012	DA		ANAP	AUTO	
Instance Creation Time	0008,0013	TM		ANAP	AUTO	
Instance Number	0020,0013	IS		ANAP	AUTO	

**8.1.2.1.2 X-Ray Angiographic Image Storage SOP Class**

**Table 17 : IOD of Created X-Ray Angiographic Image Storage SOP Class Instances**

Information Entity	Module	Presence Of Module
Patient	Patient Module	ALWAYS
Study	General Study Module	ALWAYS
	Patient Study Module	CONDITIONAL
Series	General Series Module	ALWAYS
Equipment	General Equipment Module	ALWAYS
Acquisition	General Acquisition Module	ALWAYS
Image	General Image Module	ALWAYS
	Image Pixel Module	ALWAYS
	Cine Module	CONDITIONAL (Only present in multi-frame image)
	Multi-frame Module	ALWAYS
	Display Shutter Module	ALWAYS
	X-Ray Image Module	ALWAYS
	X-Ray Acquisition Module	ALWAYS
	X-Ray Table Module	ALWAYS
	XA Positioner Module	ALWAYS
	DX Detector Module	ALWAYS
	VOI LUT Module	ALWAYS
SOP Common Module	ALWAYS	

**Table 18: Patient Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Patient's Name	0010,0010	PN		VNAP	COPY	
Patient ID	0010,0020	LO		VNAP	COPY	
Patient's Birth Date	0010,0030	DA		VNAP	COPY	

Issuer of Patient ID	0010,0021	LO		ANAP	COPY	
Patient's Sex	0010,0040	CS		VNAP	COPY	

**Table 19: General Study Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Study Date	0008,0020	DA		VNAP	COPY	
Study Time	0008,0030	T M		VNAP	COPY	
Accession Number	0008,0050	SH		VNAP	COPY	
Referring Physician's Name	0008,0090	PN		VNAP	COPY	
Study Instance UID	0020,000D	UI		ALWAYS	COPY	
Study ID	0020,0010	SH		VNAP	COPY	
Procedure Code Sequence	0008,1032	SQ		ANAP	COPY	
>Code Value	0008,0100	SH		ANAP	COPY	
>Coding Scheme Designator	0008,0102	SH		ANAP	COPY	
>Code Meaning	0008,0104	LO		ALWAYS	COPY	
Physician(s) of Record	0008,1048	PN		ANAP	COPY	
Name of Physician(s) Reading Study	0008,1060	PN		ANAP	COPY	

**Table 20: General Series Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Series Date	0008,0021	DA		ANAP	AUTO	
Series Time	0008,0031	TM		ANAP	AUTO	
Modality	0008,0060	CS	XA	ALWAYS	FIXED	
Series Description	0008,103E	LO		ANAP	COPY	
Performing Physician's Name	0008,1050	PN		ANAP	COPY	
Related Series Sequence	0008,1250	SQ		ANAP	AUTO	
>Study Instance UID	0020,000D	UI		ALWAYS	AUTO	
>Series Instance UID	0020,000E	UI		ALWAYS	AUTO	
>Purpose of Reference Code Sequence	0040, A170	SQ		VNAP	AUTO	
Series Instance UID	0020,000E	UI		ALWAYS	AUTO	
Series Number	0020,0011	IS		VNAP	AUTO	
Performed Procedure Step Start Date	0040,0244	DA		ANAP	COPY	
Performed Procedure Step Start Time	0040,0245	TM		ANAP	COPY	
Performed Procedure Step ID	0040,0253	SH		ANAP	COPY	

**Table 21: General Equipment Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
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Manufacturer	0008,0070	LO	Philips	ALWAYS	FIXED	
Institution Name	0008,0080	LO		ANAP	CONFIG	
Manufacturer's Model Name	0008,1090	LO	Interventional Workspot	ALWAYS	FIXED	
Device Serial Number	0018,1000	LO		ANAP	AUTO	
Software Versions	0018,1020	LO	2.2.0.0	ALWAYS	FIXED	

**Table 22: General Image Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Image Type	0008,0008	CS		ANAP	COPY	
Acquisition Date	0008,0022	DA		ANAP	COPY	
Content Date	0008,0023	DA		VNAP	COPY	
Acquisition Time	0008,0032	TM		ANAP	COPY	
Content Time	0008,0033	TM		VNAP	COPY	
Instance Number	0020,0013	IS		VNAP	AUTO	
Patient Orientation	0020,0020	CS		ANAP	COPY	
Lossy Image Compression	0028,2110	CS		ANAP	COPY	
Icon Image Sequence	0088,0200	SQ		ANAP	AUTO	
>Samples per Pixel	0028,0002	US		ALWAYS	AUTO	
>Photometric Interpretation	0028,0004	CS		ALWAYS	AUTO	
>Rows	0028,0010	US		ALWAYS	AUTO	
>Columns	0028,0011	US		ALWAYS	AUTO	
>Bits Allocated	0028,0100	US		ALWAYS	AUTO	
>Bits Stored	0028,0101	US		ALWAYS	AUTO	
>High Bit	0028,0102	US		ALWAYS	AUTO	
>Pixel Representation	0028,0103	US		ALWAYS	AUTO	
>Pixel Data	7FE0,0010	OW/OB		ANAP	AUTO	

**Table 23: General Acquisition Module**

Attribute Name	TAG	VR	Value	Presence of Value	Source	Comments
Acquisition Date	0008,0022	DA		ALWAYS	COPY	
Acquisition Time	0008,0032	TM		ALWAYS	COPY	

**Table 24: Image Pixel Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Samples per Pixel	0028,0002	US		ALWAYS	COPY	
Photometric Interpretation	0028,0004	CS		ALWAYS	COPY	
Rows	0028,0010	US		ALWAYS	COPY	
Columns	0028,0011	US		ALWAYS	COPY	
Bits Allocated	0028,0100	US		ALWAYS	COPY	
Bits Stored	0028,0101	US		ALWAYS	COPY	
High Bit	0028,0102	US		ALWAYS	COPY	
Pixel Representation	0028,0103	US		ALWAYS	COPY	
Pixel Data	7FE0,0010	OB/OW		VNAP	COPY	

**Table 25: Cine Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Cine Rate	0018,0040	IS		ANAP	COPY	
Frame Time	0018,1063	DS		ALWAYS	COPY	

**Table 26: Multi-Frame Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Number of Frames	0028,0008	IS		ALWAYS	COPY	
Frame Increment Pointer	0028,0009	AT		ALWAYS	COPY	

**Table 27: Display Shutter Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Shutter Shape	0018,1600	CS		ALWAYS	COPY	
Shutter Left Vertical Edge	0018,1602	IS		ALWAYS	COPY	
Shutter Right Vertical Edge	0018,1604	IS		ALWAYS	COPY	
Shutter Upper Horizontal Edge	0018,1606	IS		ALWAYS	COPY	
Shutter Lower Horizontal Edge	0018,1608	IS		ALWAYS	COPY	

**Table 28: X-Ray Image Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Image Type	0008,0008	CS		ALWAYS	COPY	
Samples per Pixel	0028,0002	US		ALWAYS	COPY	
Photometric Interpretation	0028,0004	CS		ALWAYS	COPY	
Frame Increment Pointer	0028,0009	AT		ALWAYS	COPY	
Bits Allocated	0028,0100	US		ALWAYS	COPY	
Bits Stored	0028,0101	US		ALWAYS	COPY	
High Bit	0028,0102	US		ALWAYS	COPY	

Pixel Representation	0028,0103	US		ALWAYS	COPY	
Pixel Intensity Relationship	0028,1040	CS		ALWAYS	COPY	
Lossy Image Compression	0028,2110	CS		ALWAYS	COPY	

**Table 29: X-Ray Acquisition Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
KVP	0018,0060	DS		VNAP	COPY	
Exposure Time	0018,1150	IS		VNAP	COPY	
Radiation Setting	0018,1155	CS		ALWAYS	COPY	
Imager Pixel Spacing	0018,1164	DS		ANAP	COPY	
Pixel Spacing	0028,0030	DS		ALWAYS	COPY	

**Table 30: X-Ray Table Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Table Motion	0018,1134	DS		VNAP	COPY	
Table Angle	0018,1138	DS		ANAP	COPY	

**Table 31: XA Positioner Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Distance Source to Detector	0018,1110	DS		ANAP	COPY	
Distance Source to Patient	0018,1111	DS		ANAP	COPY	
Positioner Motion	0018,1500	CS		VNAP	COPY	
Positioner Primary Angle	0018,1510	DS		VNAP	COPY	
Positioner Secondary Angle	0018,1511	DS		VNAP	COPY	
Positioner Primary Angle Increment	0018,1520	DS		VNAP	COPY	
Positioner Secondary Angle Increment	0018,1521	DS		VNAP	COPY	

**Table 32: DX Detector Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Imager Pixel Spacing	0018,1164	DS		ALWAYS	COPY	
Pixel Spacing	0028,0030	DS		ALWAYS	COPY	

**Table 33: VOI LUT Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Window Center	0028,1050	DS		ALWAYS	COPY	
Window Width	0028,1051	DS		ALWAYS	COPY	

**Table 34: SOP Common Module**

Attribute Name	Tag	VR	Value	Presence of Value	Source	Comment
Instance Creation Date	0008,0012	DA		ALWAYS	AUTO	
Specific Character Set	0008,0005	CS		ANAP	AUTO	As per hosting platform
Instance Creation Time	0008,0013	TM		ALWAYS	AUTO	
SOP Class UID	0008,0016	UI	1.2.840.10008.5.1.4.1.1.12.1	ALWAYS	FIXED	
SOP Instance UID	0008,0018	UI		ALWAYS	AUTO	
Instance Number	0020,0013	IS		ALWAYS	AUTO	

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**Issued by:**

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Note that the address is also known as “Veenpluis  
4-6”, which refers to the same physical location.

Internet: <https://www.philips.com/healthcare/about/customer-support>

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