

DICOM Correction Item

Correction Number		CP-800
Log Summary: Add Issuers of Identifiers Harmonized with HL7		
Type of Modification	Name of Standard	
Addition	PS3.3, PS3.4, PS3.6 – 2008	
Rationale for Correction		
<p>Accession numbers, being only locally unique, may clash when used in multi-institution imaging networks, so it would be useful to know the issuer of the Accession Number. The addition of a suitable field could help to resolve conflicts.</p> <p>As HL7 is the primary international specification for healthcare administrative messaging, this proposal introduces a structure harmonized with the HL7 v2 Hierarchic Designator and Entity Identifier data types. This structure is applied to all uses of assigning authorities for healthcare identifiers (Admission ID, Service Episode ID, Order Placer Number, Order Filler Number, Accession Number).</p> <p>Because the attribute Issuer of Patient ID (0010,0021) is broadly implemented, and because it is defined using the HL7 v2 Extended Composite ID with Check Digit (CX) data type with different components, a somewhat different approach is taken to the assigning authority for Patient ID.</p>		
Sections of documents affected		
PS 3.3 Section 10, Annex C		
PS 3.4 Annex F, V		
PS 3.6 Section 6		
Correction Wording:		

Add new sections to PS3.3 Section 10

10.14 HL7v2 Hierarchic Designator Macro

Table 10-17 describes the attributes for identifying an entity (system, organization, agency, or department) that has responsibility for managing or assigning a defined set of instance identifiers (such as placer or filler number, patient identifiers, provider identifiers, etc.). This entity could be a particular health care application such as a registration system that assigns patient identifiers, a governmental entity such as a licensing authority that assigns professional identifiers or drivers' license numbers, or a facility where such identifiers are assigned.

Note: This definition is identical to HL7 v2.5, Section 2.A.33, with only minor changes for editorial style.

These attributes are equivalent to the components of the HL7 v2 Hierarchic Designator (HD) and Entity Identifier (EI) data types (see HL7 v2 Chapter 2.A).

If both Local Namespace Entity ID (0040,0031) and Universal Entity ID (0040,0032) are present, they shall refer to the same entity.

**Table 10-17
 HL7v2 HIERARCHIC DESIGNATOR MACRO**

Attribute Name	Tag	Type	Attribute Description
Local Namespace Entity ID	(0040,0031)	1C	Identifies an entity within the local namespace or domain. Required if Universal Entity ID (0040,0032) is not present; may be present otherwise.
Universal Entity ID	(0040,0032)	1C	Universal or unique identifier for an entity. Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.
Universal Entity ID Type	(0040,0033)	1C	Standard defining the format of the Universal Entity ID. Required if Universal Entity ID (0040,0032) is present. Defined Terms: DNS An Internet dotted name. Either in ASCII or as integers EUI64 An IEEE Extended Unique Identifier ISO An International Standards Organization Object Identifier URI Uniform Resource Identifier UUID The DCE Universal Unique Identifier X400 An X.400 MHS identifier X500 An X.500 directory name

10.15 Issuer of Patient ID Macro

Table 10-18 describes the attributes for identifying the source of the Patient ID (0010,0020).

These attributes are equivalent to components of the HL7 v2 Extended Composite ID with Check Digit (CX) data type (see HL7 v2 Chapter 2.A.14), as used in the HL7 v2 PID-3 Patient Identifier List field.

Table 10-18
ISSUER OF PATIENT ID MACRO

Attribute Name	Tag	Type	Attribute Description
Issuer of Patient ID	(0010,0021)	3	Identifier of the Assigning Authority (system, organization, agency, or department) that issued the Patient ID. Note: Equivalent to HL7 v2 CX component 4 subcomponent 1.
Issuer of Patient ID Qualifiers Sequence	(0010,0024)	3	Attributes specifying or qualifying the identity of the issuer of the Patient ID, or scoping the Patient ID. Only a single Item shall be permitted in this sequence.
>Universal Entity ID	(0040,0032)	3	Universal or unique identifier for the Patient ID Assigning Authority. The authority identified by this attribute shall be the same as that of Issuer of Patient ID (0010,0021), if present. Note: Equivalent to HL7 v2 CX component 4 subcomponent 2 (Universal ID).
>Universal Entity ID Type	(0040,0033)	1C	Standard defining the format of the Universal Entity ID (0040,0032). Required if Universal Entity ID (0040,0032) is present. Note: Equivalent to HL7 v2 CX component 4 subcomponent 3 (Universal ID Type). See Section 10.14 for Defined Terms.
>Identifier Type Code	(0040,0035)	3	Type of Patient ID. Refer to HL7 v2 Table 0203 for Defined Terms. Note: Equivalent to HL7 v2 CX component 5 (Identifier Type Code).
>Assigning Facility Sequence	(0040,0036)	3	The place or location identifier where the identifier was first assigned to the patient. This component is not an inherent part of the identifier but rather part of the history of the identifier. Only a single Item shall be permitted in this sequence. Note: Equivalent to HL7 v2 CX component 6 (Assigning Facility).

<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>			
>Assigning Jurisdiction Code Sequence	(0040,0039)	3	The geo-political body that assigned the patient identifier. Typically a code for a country or a state/province. Only a single Item shall be permitted in this sequence. Note: Equivalent to HL7 v2 CX component 9 (Identifier Type Code).
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>			<i>Baseline CID 5001 for country codes.</i>
>Assigning Agency or Department Code Sequence	(0040,003A)	3	The agency or department that assigned the patient identifier. Only a single Item shall be permitted in this sequence. Note: Equivalent to HL7 v2 CX component 10 (Identifier Type Code).
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>			<i>No Baseline Context Group.</i>

Make changes to PS3.3 Section 10

**Table 10-9
REQUEST ATTRIBUTES MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Requested Procedure ID	(0040,1001)	1	Identifier that identifies the Requested Procedure in the Imaging Service Request.
Accession Number	(0008,0050)	3	An identifier of the Imaging Service Request for this Requested Procedure.
<u>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>			
Study Instance UID	(0020,000D)	3	The unique identifier for the Study provided for this Requested Procedure.
...			

Make changes to PS3.3 Annex C

**Table C.2-2
PATIENT IDENTIFICATION MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Patient's Name	(0010,0010)	Patient's full name
Patient ID	(0010,0020)	Primary hospital identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority (system, organization, agency, or department) that issued the Patient ID. Note: Issuer of Patient ID (0010,0021) is equivalent to HL7 v2 PID-3 component 4
<i>Include Issuer of Patient ID Macro Table 10-18</i>		
Other Patient IDs	(0010,1000)	Other identification numbers or codes used to identify the patient.
Other Patient IDs Sequence	(0010,1002)	A sequence of identification numbers or codes used to identify the patient, which may or may not be human readable, and may or may not have been obtained from an implanted or attached device such as an RFID or barcode. One or more Items may be present in this Sequence.
>Patient ID	(0010,0010)	An identification number or code used to identify the patient
>Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority that issued the Patient ID.
<i>>Include Issuer of Patient ID Macro Table 10-18</i>		
>Type of Patient ID	(0010,0022)	The type of identifier in this item. Defined Terms: TEXT RFID BARCODE Note: The identifier is coded as a string regardless of the type, not as a binary value.
Other Patient Names	(0010,1001)	Other names used to identify the patient.

**Table C.3-2
VISIT IDENTIFICATION MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Institution Name	(0008,0080)	Institution where the equipment is located
Institution Address	(0008,0081)	Mailing Address of the institution where the equipment is located
Institution Code Sequence	(0008,0082)	A sequence that conveys the healthcare facility identification. Only a single Item shall be permitted in this Sequence.
<i>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>
Admission ID	(0038,0010)	Identifier creation number of the visit as assigned by the healthcare provider Note: Equivalent to HL7 v2 PV1-19 component 1
Issuer of Admission ID	(0038,0011)	Name of healthcare provider which issued the Admission ID
Issuer of Admission ID Sequence	(0038,0014)	Identifier of the Assigning Authority that issued the Admission ID. Only a single Item shall be permitted in this sequence.
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
Service Episode ID	(0038,0060)	Identifier of the Service Episode as assigned by the healthcare provider
Issuer of Service Episode ID	(0038,0061)	Name of healthcare provider that issued the Service Episode ID
Service Episode Description	(0038,0062)	Description of the type of service edpisode.
Issuer of Service Episode ID Sequence	(0038,0064)	Identifier of the Assigning Authority that issued the Service Episode ID. Only a single Item shall be permitted in this sequence.
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		

C.4.12 Imaging Service Request Module

**Table C.4-12
IMAGING SERVICE REQUEST MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Imaging Service Request Comments	(0040,2400)	User-defined comments on the Imaging Service Request. Note: The Comments attribute is intended to transmit non-structured information, which can be displayed to the operator of the equipment (e.g. Modality).
Requesting Physician	(0032,1032)	Name of the physician who requested the Imaging Service Request.
Requesting Physician Identification Sequence	(0032,1031)	Identification of the physician who requested the Imaging Service Request. Only a single item shall be permitted in this sequence.
<i>>Include 'Person Identification Macro' Table 10-1</i>		
Referring Physician's Name	(0008,0090)	Name of the patient's referring physician for this Imaging Service Request.
Referring Physician Identification Sequence	(0008,0096)	Identification of the patient's referring physician. Only a single item shall be permitted in this sequence.
<i>>Include 'Person Identification Macro' Table 10-1</i>		
Requesting Service	(0032,1033)	Institutional department where the request initiated.
Accession Number	(0008,0050)	A departmental IS generated number that identifies the order for the Imaging Service Request.
<u>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
Issue Date of Imaging Service Request	(0040,2004)	Date on which the Imaging Service Request was issued by the requester.
Issue Time of Imaging Service Request	(0040,2005)	Time at which the Imaging Service Request was issued by the requester.
Placer Order Number / Imaging Service Request	(0040,2016)	The order number assigned to the Imaging Service Request by the party placing the order.
<u>Order Placer Identifier Sequence</u>	<u>(0040,0026)</u>	<u>Identifier of the Assigning Authority that issued the Placer Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
Filler Order Number / Imaging Service Request	(0040,2017)	The order number assigned to the Imaging Service Request by the party filling the order.

<u>Order Filler Identifier Sequence</u>	<u>(0040,0027)</u>	<u>Identifier of the Assigning Authority that issued the Filler Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>		
Order entered by ...	(0040,2008)	The person who entered the Imaging Service Request into an Information System.
Order Enterer's Location	(0040,2009)	The location at which the Imaging Service Request was entered.
Order Callback Phone Number	(0040,2010)	Telephone Number at which additional information can be retrieved.
Admission ID	(0038,0010)	Identifier creation number of the visit as assigned by the healthcare provider
<u>Issuer of Admission ID</u>	<u>(0038,0011)</u>	Name of healthcare provider that issued the Admission ID
<u>Issuer of Admission ID Sequence</u>	<u>(0038,0014)</u>	<u>Identifier of the Assigning Authority that issued the Admission ID.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>		

**Table C.4-13
PERFORMED PROCEDURE STEP RELATIONSHIP MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Patient's Name	(0010,0010)	Patient's full legal name.
Patient ID	(0010,0020)	Primary hospital identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority that issued the Patient ID.
<i>Include Issuer of Patient ID Macro Table 10-18</i>		
Patient's Birth Date	(0010,0030)	Date of birth of the named patient
Patient's Sex	(0010,0040)	Sex of the named Patient. Enumerated Values: M = male F = female O = other
Referenced Patient Sequence	(0008,1120)	Uniquely identifies the Patient SOP Instance. Only a single item shall be permitted in this sequence.
<i>>Include 'SOP Instance Reference Macro' Table 10-11</i>		
Service Episode ID	(0038,0060)	Identifier of the Service Episode as assigned by the healthcare provider
Issuer of Service Episode ID	(0038,0061)	Name of healthcare provider that issued the Service Episode ID
Service Episode Description	(0038,0062)	Description of the type of service episode.
Issuer of Service Episode ID Sequence	(0038,0064)	Identifier of the Assigning Authority that issued the Service Episode ID. Only a single item shall be permitted in this sequence.
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
Scheduled Step Attributes Sequence	(0040,0270)	Sequence containing attributes that are related to the scheduling of the Procedure Step. The Sequence may have one or more items.
>Study Instance UID	(0020,000D)	Unique identifier for the Study.
>Referenced Study Sequence	(0008,1110)	Uniquely identifies the Study SOP Instance associated with this Scheduled Procedure Step. This Sequence shall have only one item.
<i>>>Include 'SOP Instance Reference Macro' Table 10-11</i>		
>Accession Number	(0008,0050)	A departmental IS generated number that identifies the order for the Study.

> <u>Issuer of Accession Number Sequence</u>	(0008,0051)	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
>Placer Order Number/Imaging Service Request	(0040,2016)	The order number assigned to the Imaging Service Request by the party placing the order.
> <u>Order Placer Identifier Sequence</u>	(0040,0026)	<u>Identifier of the Assigning Authority that issued the Placer Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
>Filler Order Number/Imaging Service Request	(0040,2017)	The order number assigned to the Imaging Service Request by the party filling the order.
> <u>Order Filler Identifier Sequence</u>	(0040,0027)	<u>Identifier of the Assigning Authority that issued the Filler Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
>Requested Procedure ID	(0040,1001)	Identifier of the related Requested Procedure.
>Requested Procedure Description	(0032,1060)	Institution-generated administrative description or classification of Requested Procedure.
>Requested Procedure Code Sequence	(0032,1064)	A sequence that conveys the Procedure Type of the requested procedure. The Requested Procedure Code Sequence shall contain only a single item.
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>
>Scheduled Procedure Step ID	(0040,0009)	Identifier of the related Scheduled Procedure Step.
>Scheduled Procedure Step Description	(0040,0007)	Institution-generated description or classification of the Scheduled Procedure Step to be performed.
>Scheduled Protocol Code Sequence	(0040,0008)	Sequence describing the Scheduled Protocol following a specific coding scheme. This sequence contains one or more Items.
<i>>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>
>>Protocol Context Sequence	(0040,0440)	Sequence that specifies the context for the Scheduled Protocol Code Sequence Item. One or more items may be included in this sequence. See Section C.4.10.1.
<i>>>>Include 'Content Item Macro' Table 10-2</i>		<i>No Baseline Template is defined.</i>
>>> Content Item Modifier Sequence	(0040,0441)	Sequence that specifies modifiers for a Protocol Context Content Item. One or more items may be included in this sequence. See Section C.4.10.1.

>>>Include 'Content Item Macro' Table 10-2	No Baseline Template is defined.
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Table C.4-18

GENERAL PURPOSE SCHEDULED PROCEDURE STEP RELATIONSHIP MODULE ATTRIBUTES

Attribute Name	Tag	Attribute Description
Patient's Name	(0010,0010)	Patient's full legal name.
Patient ID	(0010,0020)	Primary hospital identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority that issued the Patient ID.
<i>Include Issuer of Patient ID Macro Table 10-18</i>		
Patient's Birth Date	(0010,0030)	Date of birth of the named patient.
Patient's Sex	(0010,0040)	Sex of the named Patient. Enumerated Values: M = male F = female O = other
Referenced Request Sequence	(0040,A370)	The list of Requested Procedures the Procedure Step shall contribute to. One or more Items may be included in the sequence.
>Study Instance UID	(0020,000D)	Unique identifier for the Study.
>Referenced Study Sequence	(0008,1110)	Uniquely identifies the Study SOP Instance that represents the Requested Procedure. Zero or one Item may be included in this sequence.
>>Referenced SOP Class UID	(0008,1150)	Uniquely identifies the SOP Class.
>>Referenced SOP Instance UID	(0008,1155)	Uniquely identifies the SOP Instance.
>Accession Number	(0008,0050)	A departmental IS generated number that identifies the Imaging Service Request.
>Issuer of Accession Number Sequence	(0008,0051)	Identifier of the Assigning Authority that issued the Accession Number. Only a single Item shall be permitted in this sequence.
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
>Requested Procedure Code Sequence	(0032,1064)	A sequence that conveys the Procedure Type of the Requested Procedure. Zero or one Item may be included in this sequence.
<i>>>Include Code Sequence Macro Table 8.8-1</i>		
>Placer Order Number / Imaging Service Request	(0040,2016)	The order number assigned to the Imaging Service Request by the party placing the order.
>Order Placer Identifier Sequence	(0040,0026)	Identifier of the Assigning Authority that issued the Placer Order Number. Only a single Item shall be permitted in this

		<u>sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>		
>Filler Order Number/Imaging Service Request	(0040,2017)	The order number assigned to the Imaging Service Request by the party filling the order.
<u>>Order Filler Identifier Sequence</u>	<u>(0040,0027)</u>	<u>Identifier of the Assigning Authority that issued the Filler Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>		
>Requested Procedure ID	(0040,1001)	Identifier that identifies the Requested Procedure in the Imaging Service Request.
>Requested Procedure Description	(0032,1060)	Institution-generated description or classification of the Requested Procedure.
>Reason for the Requested Procedure	(0040,1002)	Reason for requesting this procedure.
> Reason for Requested Procedure Code Sequence	(0040,100A)	Coded reason for requesting this procedure. <u>One or more sequence items may be present.</u>
<u>>>Include 'Code Sequence Macro' Table 8.8-1</u>		<u>No Baseline Context ID is defined.</u>
>Requested Procedure Comments	(0040,1400)	User-defined comments on the Requested Procedure.
>Confidentiality Code	(0040,1008)	Confidentiality Constraints on the Requested Procedure by the party filling the order.
>Names of Intended Recipients of Results	(0040,1010)	Names of the physicians, who are intended recipients of results.
>Imaging Service Request Comments	(0040,2400)	User-defined comments on the Imaging Service Request.
>Requesting Physician	(0032,1032)	Physician who requested the Imaging Service Request.
>Requesting Service	(0032,1033)	Institutional department where the request initiated.
>Issue Date of Imaging Service Request	(0040,2004)	Date on which the Imaging Service Request was issued by the requester.
>Issue Time of Imaging Service Request	(0040,2005)	Time at which the Imaging Service Request was issued by the requester.
>Referring Physician's Name	(0008,0090)	Patient's primary physician for this Imaging Service Request.

**Table C.4.20-1
GENERAL PURPOSE PERFORMED PROCEDURE STEP RELATIONSHIP MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Patient's Name	(0010,0010)	Patient's full legal name.
Patient ID	(0010,0020)	Primary hospital identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority that issued the Patient ID.
<i>Include Issuer of Patient ID Macro Table 10-18</i>		
Patient's Birth Date	(0010,0030)	Date of birth of the named patient.
Patient's Sex	(0010,0040)	Sex of the named Patient. Enumerated Values: M = male F = female O = other
Referenced Request Sequence	(0040,A370)	The list of Requested Procedures the Procedure Step shall contribute to. Zero or more Items may be included in the sequence.
>Study Instance UID	(0020,000D)	Unique identifier for the Study.
>Referenced Study Sequence	(0008,1110)	Uniquely identifies the Study SOP Instance associated with this Scheduled Procedure Step. Only a single Item shall be permitted in this sequence.
>>Referenced SOP Class UID	(0008,1150)	Uniquely identifies the SOP Class.
>>Referenced SOP Instance UID	(0008,1155)	Uniquely identifies the SOP Instance.
>Accession Number	(0008,0050)	A departmental IS generated number that identifies the order for the Study.
>Issuer of Accession Number Sequence	(0008,0051)	Identifier of the Assigning Authority that issued the Accession Number. Only a single Item shall be permitted in this sequence.
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		
>Requested Procedure Code Sequence	(0032,1064)	A sequence that conveys the Procedure Type of the Requested Procedure. Zero or one Item may be included in this sequence.
<i>>>Include Code Sequence Macro Table 8.8-1</i>		
>Placer Order Number/Imaging Service Request	(0040,2016)	No Baseline Context ID is defined. The order number assigned to the Imaging Service Request by the party placing the order.

>Order Placer Identifier Sequence	(0040,0026)	Identifier of the Assigning Authority that issued the Placer Order Number. Only a single Item shall be permitted in this sequence.
>>Include HL7v2 Hierarchic Designator Macro Table 10-17		
>Filler Order Number/Imaging Service Request	(0040,2017)	The order number assigned to the Imaging Service Request by the party filling the order.
>Order Filler Identifier Sequence	(0040,0027)	Identifier of the Assigning Authority that issued the Filler Order Number. Only a single Item shall be permitted in this sequence.
>>Include HL7v2 Hierarchic Designator Macro Table 10-17		
>Requested Procedure ID	(0040,1001)	Identifier of the related Requested Procedure.
>Requested Procedure Description	(0032,1060)	Institution-generated administrative description or classification of Requested Procedure.
Referenced General Purpose Scheduled Procedure Step Sequence	(0040,4016)	Uniquely identifies the General Purpose Scheduled Procedure Step SOP Instance associated with this General Purpose Performed Procedure Step. Zero or more Items may be included in this sequence.
>Referenced SOP Class UID	(0008,1150)	Uniquely identifies the SOP Class.
>Referenced SOP Instance UID	(0008,1155)	Uniquely identifies the SOP Instance.
>Referenced General Purpose Scheduled Procedure Step Transaction UID	(0040,4023)	Transaction UID (0008,1195) used in the N-ACTION transaction that requested the transition to the IN PROGRESS state for the referenced General Purpose Scheduled Procedure Step.
Admission ID	(0038,0010)	Identifier creation number of the visit as assigned by the healthcare provider
Issuer of Admission ID	(0038,0011)	Name of healthcare provider that issued the Admission ID
Issuer of Admission ID Sequence	(0038,0014)	Identifier of the Assigning Authority that issued the Admission ID. Only a single Item shall be permitted in this sequence.
>>Include HL7v2 Hierarchic Designator Macro Table 10-17		
Service Episode ID	(0038,0060)	Identifier of the Service Episode as assigned by the healthcare provider
Issuer of Service Episode ID	(0038,0061)	Name of healthcare provider that issued the Service Episode ID
Service Episode Description	(0038,0062)	Description of the type of service edpisode.
Issuer of Service Episode ID	(0038,0064)	Identifier of the Assigning Authority that issued

<u>Sequence</u>		<u>the Service Episode ID.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>		

**Table C.7-1
PATIENT MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Patient's Name	(0010,0010)	2	Patient's full name.
Patient ID	(0010,0020)	2	Primary hospital identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	3	Identifier of the Assigning Authority that issued the Patient ID.
<i>Include Issuer of Patient ID Macro Table 10-18</i>			
Patient's Birth Date	(0010,0030)	2	Birth date of the patient.
Patient's Sex	(0010,0040)	2	Sex of the named patient. Enumerated Values: M = male F = female O = other
Referenced Patient Sequence	(0008,1120)	3	A sequence that provides reference to a Patient SOP Class/Instance pair. Only a single Item shall be permitted in this sequence .
<i>>Include SOP Instance Reference Macro Table 10-11</i>			
Patient's Birth Time	(0010,0032)	3	Birth time of the Patient.
Other Patient IDs	(0010,1000)	3	Other identification numbers or codes used to identify the patient.
Other Patient IDs Sequence	(0010,1002)	3	A sequence of identification numbers or codes used to identify the patient, which may or may not be human readable, and may or may not have been obtained from an implanted or attached device such as an RFID or barcode. If present, shall contain one or more items.
>Patient ID	(0010,0010)	1	An identification number or code used to identify the patient.
>Issuer of Patient ID	(0010,0021)	1	Identifier of the Assigning Authority that issued the Patient ID.
<i>>Include Issuer of Patient ID Macro Table 10-18</i>			
>Type of Patient ID	(0010,0022)	1	The type of identifier in this item. Defined Terms: TEXT RFID BARCODE Note: The identifier is coded as a string regardless of the type, not as a binary value.
Other Patient Names	(0010,1001)	3	Other names used to identify the patient.
Ethnic Group	(0010,2160)	3	Ethnic group or race of the patient.

**Table C.7-3
GENERAL STUDY MODULE ATTRIBUTES**

.....			
Study ID	(0020,0010)	2	User or equipment generated Study identifier.
Accession Number	(0008,0050)	2	An RIS-generated number that identifies of the order for the Study.
<u>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	3	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>			
Study Description	(0008,1030)	3	Institution-generated description or classification of the Study (component) performed.
.....			

**Table C.7-4a
PATIENT STUDY MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Admitting Diagnoses Description	(0008,1080)	3	Description of the admitting diagnosis (diagnoses)
Admitting Diagnoses Code Sequence	(0008,1084)	3	A sequence that conveys the admitting diagnosis (diagnoses). One or more Items may be included in this Sequence.
<i>>Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>	
Patient's Age	(0010,1010)	3	Age of the Patient.
Patient's Size	(0010,1020)	3	Length or size of the Patient, in meters.
Patient's Weight	(0010,1030)	3	Weight of the Patient, in kilograms.
Occupation	(0010,2180)	3	Occupation of the Patient.
Additional Patient's History	(0010,21B0)	3	Additional information about the Patient's medical history.
Admission ID	(0038,0010)	3	Identification number of the visit as assigned by the healthcare provider
<u>Issuer of Admission ID</u>	<u>(0038,0011)</u>	3	<u>Name of healthcare provider that issued the Admission ID</u>
<u>Issuer of Admission ID Sequence</u>	<u>(0038,0014)</u>	3	<u>Identifier of the Assigning Authority that issued the Admission ID.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<i>>Include HL7v2 Hierarchic Designator Macro Table 10-17</i>			
...			

Service Episode ID	(0038,0060)	3	Identifier of the Service Episode as assigned by the healthcare provider
Issuer of Service Episode ID	(0038,0061)	3	Name of healthcare provider that issued the Service Episode ID
Service Episode Description	(0038,0062)	3	Description of the type of service episode.
<u>Issuer of Service Episode ID Sequence</u>	<u>(0038,0064)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Service Episode ID.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			

Table C.17-2
SR DOCUMENT GENERAL MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
...			
Referenced Request Sequence	(0040,A370)	1C	Identifies Requested Procedures which are being fulfilled (completely or partially) by creation of this Document. One or more Items may be included in this sequence. Required if this Document fulfills at least one Requested Procedure.
>Study Instance UID	(0020,000D)	1	Unique identifier for the Study.
>Referenced Study Sequence	(0008,1110)	2	Uniquely identifies the Study SOP Instance. Only a single Item shall be permitted in this sequence.
>>Referenced SOP Class UID	(0008,1150)	1	Uniquely identifies the SOP Class
>>Referenced SOP Instance UID	(0008,1155)	1	Uniquely identifies the SOP Instance.
>Accession Number	(0008,0050)	2	A departmental IS generated number which identifies the order for the Study.
<u>>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			
>Placer Order Number/Imaging Service Request	(0040,2016)	2	The order number assigned to the Imaging Service Request by the party placing the order.
<u>>Order Placer Identifier Sequence</u>	<u>(0040,0026)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Placer Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			
>Filler Order Number/Imaging Service Request	(0040,2017)	2	The order number assigned to the Imaging Service Request by the party filling the order.
<u>>Order Filler Identifier Sequence</u>	<u>(0040,0027)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Filler Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			
>Requested Procedure ID	(0040,1001)	2	Identifier of the related Requested Procedure

>Requested Procedure Description	(0032,1060)	2	Institution-generated administrative description or classification of Requested Procedure.
>Requested Procedure Code Sequence	(0032,1064)	2	A sequence that conveys the requested procedure. Zero or one Item may be included in this sequence.
>>Include 'Code Sequence Macro' Table 8.8-1		<i>No Baseline Context ID Number is specified.</i>	
>Reason for the Requested Procedure	(0040,1002)	3	Reason for requesting this procedure.
>Reason for Requested Procedure Code Sequence	(0040,100A)	3	Coded Reason for requesting this procedure. One or more sequence items may be present.
>>Include 'Code Sequence Macro' Table 8.8-1		<i>No Baseline Context ID Number is specified.</i>	
Performed Procedure Code Sequence	(0040,A372)	2	A Sequence that conveys the codes of the performed procedures pertaining to this SOP Instance. Zero or more Items may be included in this sequence.
>Include 'Code Sequence Macro' Table 8.8-1		<i>No Baseline Context ID Number is specified.</i>	
...			

**Table C.17.6-2
KEY OBJECT DOCUMENT MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Instance Number	(0020,0013)	1	A number that identifies the Document.
Content Date	(0008,0023)	1	The date the document content creation started.
Content Time	(0008,0033)	1	The time the document content creation started.
Referenced Request Sequence	(0040,A370)	1C	Identifies Requested Procedures to which this Document pertains. One or more Items may be included in this sequence. Required if this Document pertains to at least one Requested Procedure.
>Study Instance UID	(0020,000D)	1	Unique identifier for the Study.
>Referenced Study Sequence	(0008,1110)	2	Uniquely identifies the Study SOP Instance. Only a single Item shall be permitted in this sequence.
>>Referenced SOP Class UID	(0008,1150)	1	Uniquely identifies the SOP Class
>>Referenced SOP Instance UID	(0008,1155)	1	Uniquely identifies the SOP Instance.
>Accession Number	(0008,0050)	2	A departmental IS generated number which identifies the order for the Study.
<u>>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Accession Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			
>Placer Order Number/Imaging Service Request	(0040,2016)	2	The order number assigned to the Imaging Service Request by the party placing the order.
<u>>Order Placer Identifier Sequence</u>	<u>(0040,0026)</u>	<u>3</u>	<u>Identifier of the Assigning Authority that issued the Placer Order Number.</u> <u>Only a single Item shall be permitted in this sequence.</u>
<u>>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>			
>Filler Order Number/Imaging Service Request	(0040,2017)	2	The order number assigned to the Imaging Service Request by the party filling the order.

>Order Filler Identifier Sequence	(0040,0027)	3	Identifier of the Assigning Authority that issued the Filler Order Number. Only a single Item shall be permitted in this sequence.
>>Include HL7v2 Hierarchic Designator Macro Table 10-17			
>Requested Procedure ID	(0040,1001)	2	Identifier of the related Requested Procedure
>Requested Procedure Description	(0032,1060)	2	Institution-generated administrative description or classification of Requested Procedure.
>Requested Procedure Code Sequence	(0032,1064)	2	A sequence that conveys the requested procedure. Zero or one Item may be included in this sequence.
>>Include 'Code Sequence Macro' Table 8.8-1		No Baseline Context ID Number is specified.	
...			

**Table C.26-4
SUBSTANCE ADMINISTRATION LOG MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
Patient's Name	(0010,0010)	Patient's full name
Patient ID	(0010,0020)	Primary identification number or code for the patient.
Issuer of Patient ID	(0010,0021)	Identifier of the Assigning Authority (system, organization, agency, or department) that issued the Patient ID.
<u>Include Issuer of Patient ID Macro Table 10-18</u>		
Admission ID	(0038,0010)	Identification number of the visit as assigned by the healthcare provider
Issuer of Admission ID	(0038,0011)	Name of healthcare provider that issued the Admission ID
Issuer of Admission ID Sequence	(0038,0014)	Identifier of the Assigning Authority that issued the Admission ID. Only a single Item shall be permitted in this sequence.
<u>>Include HL7v2 Hierarchic Designator Macro Table 10-17</u>		
Product Package Identifier	(0044,0001)	Identifier of the contrast agent, drug, or device administered, typically from a package bar code, RFID, or other materials management ID. This ID might not be globally unique and might conflict with other IDs used within the scope of the institution.
...		

Make changes to PS3.4 Annex F

**Table F.7.2-1
MODALITY PERFORMED PROCEDURE STEP SOP CLASS N-CREATE, N-SET AND FINAL STATE
ATTRIBUTES**

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Requirement Type Final State (See Note 1)
Specific Character Set	(0008,0005)	1C/1C (Required if an extended or replacement character set is used)	Not allowed	
Performed Procedure Step Relationship				
Scheduled Step Attribute Sequence	(0040,0270)	1/1	Not allowed	
>Study Instance UID	(0020,000D)	1/1	Not allowed	
>Referenced Study Sequence	(0008,1110)	2/2	Not allowed	
>>Referenced SOP Class UID	(0008,1150)	1/1	Not allowed	
>>Referenced SOP Instance UID	(0008,1155)	1/1	Not allowed	
>Accession Number	(0008,0050)	2/2	Not allowed	
<u>>Issuer of Accession Number Sequence</u>	<u>(0008,0051)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>>Local Namespace Entity ID</u>	<u>(0040,0031)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is not present; may be present otherwise</u>	<u>Not allowed</u>	
<u>>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>1C/1C</u> <u>Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.</u>	<u>Not allowed</u>	
<u>>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID</u>	<u>Not allowed</u>	

		<u>(0040,0032) is present.</u>		
>Placer Order Number/Imaging Service Request	(0040,2016)	3/3	Not allowed	
>Order Placer Identifier Sequence	<u>(0040,0026)</u>	<u>3/3</u>	<u>Not allowed</u>	
>>Local Namespace Entity ID	<u>(0040,0031)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is not present; may be present otherwise</u>	<u>Not allowed</u>	
>>Universal Entity ID	<u>(0040,0032)</u>	<u>1C/1C</u> <u>Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise..</u>	<u>Not allowed</u>	
>>Universal Entity ID Type	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is present.</u>	<u>Not allowed</u>	
>Filler Order Number/Imaging Service Request	(0040,2017)	3/3	Not allowed	
>Order Filler Identifier Sequence	<u>(0040,0027)</u>	<u>3/3</u>	<u>Not allowed</u>	
>>Local Namespace Entity ID	<u>(0040,0031)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is not present; may be present otherwise</u>	<u>Not allowed</u>	
>>Universal Entity ID	<u>(0040,0032)</u>	<u>1C/1C</u> <u>Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise..</u>	<u>Not allowed</u>	
>>Universal Entity ID Type	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is present.</u>	<u>Not allowed</u>	

>Requested Procedure ID	(0040,1001)	2/2	Not allowed	
...				
Patient ID	(0010,0020)	2/2	Not allowed	
Issuer of Patient ID	(0010,0021)	3/3	Not allowed	
<u>Issuer of Patient ID Qualifiers Sequence</u>	<u>(0010,0024)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if</u> <u>Universal Entity ID</u> <u>(0040,0032) is</u> <u>present.</u>	<u>Not allowed</u>	
<u>>All other attributes of Issuer of Patient ID Qualifiers Sequence</u>		<u>3/3</u>	<u>Not allowed</u>	
Patient's Birth Date	(0010,0030)	2/2	Not allowed	
Patient's Sex	(0010,0040)	2/2	Not allowed	
Referenced Patient Sequence	(0008,1120)	2/2	Not allowed	
>Referenced SOP Class UID	(0008,1150)	1/1	Not allowed	
>Referenced Instance UID	(0008,1155)	1/1	Not allowed	
Admission ID	(0038,0010)	3/3	Not Allowed	
<u>Issuer of Admission ID</u>	<u>(0038,0011)</u>	<u>3/3</u>	<u>Not Allowed</u>	
<u>Issuer of Admission ID Sequence</u>	<u>(0038,0014)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Local Namespace Entity ID</u>	<u>(0040,0031)</u>	<u>1C/1C</u> <u>Required if</u> <u>Universal Entity ID</u> <u>(0040,0032) is not</u> <u>present; may be</u> <u>present otherwise</u>	<u>Not allowed</u>	
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>1C/1C</u> <u>Required if Local</u> <u>Namespace Entity</u> <u>ID (0040,0031) is</u> <u>not present; may</u> <u>be present</u> <u>otherwise..</u>	<u>Not allowed</u>	
<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if</u> <u>Universal Entity ID</u>	<u>Not allowed</u>	

		<u>(0040,0032) is present.</u>		
Service Episode ID	(0038,0060)	3/3	3/3 Not allowed	
Issuer of Service Episode ID	(0038,0061)	3/3	3/3	
Service Episode Description	(0038,0062)	3/3	3/3 Not allowed	
Issuer of Service Episode ID Sequence	(0038,0064)	3/3	Not allowed	
>Local Namespace Entity ID	(0040,0031)	1C/1C Required if <u>Universal Entity ID (0040,0032) is not present; may be present otherwise</u>	Not allowed	
>Universal Entity ID	(0040,0032)	1C/1C Required if <u>Local Namespace Entity ID (0040,0031) is not present; may be present otherwise..</u>	Not allowed	
>Universal Entity ID Type	(0040,0033)	1C/1C Required if <u>Universal Entity ID (0040,0032) is present.</u>	Not allowed	
...				

Table F.8.2-1
MODALITY PERFORMED PROCEDURE STEP RETRIEVE SOP CLASS N-GET ATTRIBUTES

Attribute Name	Tag	Requirement Type (SCU/SCP)
Specific Character Set	(0008,0005)	3/1C (Required if an extended or replacement character set is used)
Performed Procedure Step Relationship		
Scheduled Step Attributes Sequence	(0040,0270)	3/1
>Study Instance UID	(0020,000D)	-/1
>Referenced Study Sequence	(0008,1110)	-/2
>>Referenced SOP Class UID	(0008,1150)	-/1
>>Referenced SOP Instance UID	(0008,1155)	-/1
>Accession Number	(0008,0050)	-/2

>Issuer of Accession Number Sequence	(0008,0051)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Placer Order Number/Imaging Service Request	(0040,2016)	-/3
>Order Placer Identifier Sequence	(0040,0026)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Filler Order Number/Imaging Service Request	(0040,2017)	-/3
>Order Filler Identifier Sequence	(0040,0027)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Requested Procedure Code Sequence	(0032,1064)	-/3
>>Code Value	(0008,0100)	-/1
>>Coding Scheme Designator	(0008,0102)	-/1
>>Code Meaning	(0008,0104)	-/1
>Requested Procedure Description	(0032,1060)	-/2
>Requested Procedure ID	(0040,1001)	-/2
>Scheduled Procedure Step ID	(0040,0009)	-/2
>Scheduled Procedure Step Description	(0040,0007)	-/2
>Scheduled Protocol Code Sequence	(0040,0008)	-/2
>>Code Value	(0008,0100)	-/1
>>Coding Scheme designator	(0008,0102)	-/1
>>Coding Scheme Version	(0008,0103)	-/3
>>Code Meaning	(0008,0104)	-/3
>>All other Attributes from Scheduled Protocol Code Sequence		-/3
Patient's Name	(0010,0010)	3/2
Patient ID	(0010,0020)	3/2
Issuer of Patient ID	(0010,0021)	3/3

Issuer of Patient ID Qualifiers Sequence	(0010,0024)	3/3
>Universal Entity ID	(0040,0032)	3/3
>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.
>All other attributes of Issuer of Patient ID Qualifiers Sequence		3/3
Patient's Birth Date	(0010,0032)	3/2
Patient's Sex	(0010,0040)	3/2
Referenced Patient Sequence	(0008,1120)	3/2
>Referenced SOP Class UID	(0008,1150)	-/1
>Referenced Instance UID	(0008,1155)	-/1
Admission ID	(0038,0010)	3/3
Issuer of Admission ID	(0038,0011)	3/3
Issuer of Admission ID Sequence	(0038,0014)	3/3
>Local Namespace Entity ID	(0040,0031)	-/3
>Universal Entity ID	(0040,0032)	-/3
>Universal Entity ID Type	(0040,0033)	-/3
Service Episode ID	(0038,0060)	3/3
Issuer of Service Episode ID	(0038,0061)	3/3
Service Episode Description	(0038,0062)	3/3
Issuer of Service Episode ID Sequence	(0038,0064)	3/3
>Local Namespace Entity ID	(0040,0031)	-/3
>Universal Entity ID	(0040,0032)	-/3
>Universal Entity ID Type	(0040,0033)	-/3
...		

**Table F.11.2-1
GENERAL PURPOSE PERFORMED PROCEDURE STEP SOP CLASS N-CREATE, N-SET AND FINAL STATE ATTRIBUTES**

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Requirement Type Final State (See Note 1)
Specific Character Set	(0008,0005)	1C/1C (Required if an extended or replacement character set is	Not allowed	

		used)		
General Purpose Performed Procedure Step Relationship				
Referenced Request Sequence	(0040,A370)	2/2	Not allowed	
>Study Instance UID	(0020,000D)	1/1	Not allowed	
>Referenced Study Sequence	(0008,1110)	2/2	Not allowed	
>>Referenced SOP Class UID	(0008,1150)	1/1	Not allowed	
>>Referenced SOP Instance UID	(0008,1155)	1/1	Not allowed	
>Accession Number	(0008,0050)	2/2	Not allowed	
>Issuer of Accession Number Sequence	(0008,0051)	3/3	Not allowed	
>>Local Namespace Entity ID	(0040,0031)	1C/1C Required if Universal Entity ID (0040,0032) is not present; may be present otherwise	Not allowed	
>>Universal Entity ID	(0040,0032)	1C/1C Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.	Not allowed	
>>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.	Not allowed	
>Requested Procedure Code Sequence	(0032,1064)	2/2	Not allowed	
>>Code Value	(0008,0100)	1/1	Not allowed	
>>Coding Scheme designator	(0008,0102)	1/1	Not allowed	
>>Coding Scheme Version	(0008,0103)	3/3	Not allowed	
>>Code Meaning	(0008,0104)	1/1	Not allowed	
>Placer Order Number/Imaging Service Request	(0040,2016)	3/3	Not allowed	
>Order Placer Identifier Sequence	(0040,0026)	3/3	Not allowed	

>>Local Namespace Entity ID	(0040,0031)	1C/1C Required if Universal Entity ID (0040,0032) is not present; may be present otherwise	<u>Not allowed</u>	
>>Universal Entity ID	(0040,0032)	1C/1C Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.	<u>Not allowed</u>	
>>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.	<u>Not allowed</u>	
>Filler Order Number/Imaging Service Request	(0040,2017)	3/3	Not allowed	
>Order Filler Identifier Sequence	(0040,0027)	3/3	<u>Not allowed</u>	
>>Local Namespace Entity ID	(0040,0031)	1C/1C Required if Universal Entity ID (0040,0032) is not present; may be present otherwise	<u>Not allowed</u>	
>>Universal Entity ID	(0040,0032)	1C/1C Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.	<u>Not allowed</u>	
>>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.	<u>Not allowed</u>	
>Requested Procedure ID	(0040,1001)	2/2	Not allowed	
>Requested Procedure Description	(0032,1060)	2/2	Not allowed	
Referenced General Purpose Scheduled	(0040,4016)	1C/1C Required if related	Not allowed	

Procedure Step Sequence		General Purpose Scheduled Procedure Step exists		
>Referenced SOP Class UID	(0008,1150)	1/1	Not allowed	
>Referenced SOP Instance UID	(0008,1155)	1/1	Not allowed	
>Referenced General Purpose Scheduled Procedure Step Transaction UID	(0040,4023)	1/1	Not allowed	
Patient's Name	(0010,0010)	2/2	Not allowed	
Patient ID	(0010,0020)	2/2	Not allowed	
Issuer of Patient ID	(0010,0021)	3/3	Not allowed	
<u>Issuer of Patient ID Qualifiers Sequence</u>	<u>(0010,0024)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if</u> <u>Universal Entity ID</u> <u>(0040,0032) is</u> <u>present.</u>	<u>Not allowed</u>	
<u>>All other attributes of Issuer of Patient ID Qualifiers Sequence</u>		<u>3/3</u>	<u>Not allowed</u>	
Patient's Birth Date	(0010,0030)	2/2	Not allowed	
Patient's Sex	(0010,0040)	2/2	Not allowed	
Admission ID	(0038,0010)	3/3	Not allowed	
<u>Issuer of Admission ID</u>	<u>(0038,0011)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>Issuer of Admission ID Sequence</u>	<u>(0038,0014)</u>	<u>3/3</u>	<u>Not allowed</u>	
<u>>Local Namespace Entity ID</u>	<u>(0040,0031)</u>	<u>1C/1C</u> <u>Required if</u> <u>Universal Entity ID</u> <u>(0040,0032) is not</u> <u>present; may be</u> <u>present otherwise</u>	<u>Not allowed</u>	
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>1C/1C</u> <u>Required if Local</u> <u>Namespace Entity</u> <u>ID (0040,0031) is</u> <u>not present; may</u> <u>be present</u> <u>otherwise.</u>	<u>Not allowed</u>	

>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.	Not allowed	
Service Episode ID	(0038,0060)	3/3	Not allowed	
Issuer of Service Episode ID	(0038,0061)	3/3	Not allowed	
Service Episode Description	(0038,0062)	3/3	Not allowed	
Issuer of Service Episode ID Sequence	(0038,0064)	3/3	Not allowed	
>Local Namespace Entity ID	(0040,0031)	1C/1C Required if Universal Entity ID (0040,0032) is not present; may be present otherwise	Not allowed	
>Universal Entity ID	(0040,0032)	1C/1C Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.	Not allowed	
>Universal Entity ID Type	(0040,0033)	1C/1C Required if Universal Entity ID (0040,0032) is present.	Not allowed	
...				

Table F.11.2-3
GENERAL PURPOSE PERFORMED PROCEDURE STEP SOP CLASS N-GET ATTRIBUTES

Attribute Name	Tag	Requirement Type (SCU/SCP)
Specific Character Set	(0008,0005)	3/1C (Required if an extended or replacement character set is used)
General Purpose Performed Procedure Step Relationship		
Referenced Request Sequence	(0040,A370)	3/2
>Study Instance UID	(0020,000D)	-/1
>Referenced Study Sequence	(0008,1110)	-/2
>>Referenced SOP Class UID	(0008,1150)	-/1
>>Referenced SOP Instance UID	(0008,1155)	-/1

>Accession Number	(0008,0050)	-/2
>Issuer of Accession Number Sequence	(0008,0051)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Requested Procedure Code Sequence	(0032,1064)	-/2
>>Code Value	(0008,0100)	-/1
>>Coding Scheme Designator	(0008,0102)	-/1
>>Coding Scheme Version	(0008,0103)	-/3
>>Code Meaning	(0008,0104)	-/1
>Placer Order Number/Imaging Service Request	(0040,2016)	-/3
>Order Placer Identifier Sequence	(0040,0026)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Filler Order Number/Imaging Service Request	(0040,2017)	-/3
>Order Filler Identifier Sequence	(0040,0027)	-/3
>>Local Namespace Entity ID	(0040,0031)	-/3
>>Universal Entity ID	(0040,0032)	-/3
>>Universal Entity ID Type	(0040,0033)	-/3
>Requested Procedure ID	(0040,1001)	-/2
>Requested Procedure Description	(0032,1060)	-/2
Referenced General Purpose Scheduled Procedure Step Sequence	(0040,4016)	3/2
>Referenced SOP Class UID	(0008,1150)	-/1
>Referenced SOP Instance UID	(0008,1155)	-/1
>Referenced General Purpose Scheduled Procedure Step Transaction UID	(0040,4023)	-/1
Patient's Name	(0010,0010)	3/2
Patient ID	(0010,0020)	3/2
Issuer of Patient ID	(0010,0021)	3/3
Issuer of Patient ID Qualifiers Sequence	(0010,0024)	3/3
>Universal Entity ID	(0040,0032)	3/3

<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>1C/1C</u> <u>Required if Universal Entity ID (0040,0032) is present.</u>
<u>>All other attributes of Issuer of Patient ID Qualifiers Sequence</u>		<u>3/3</u>
Patient's Birth Date	(0010,0030)	3/2
Patient's Sex	(0010,0040)	3/2
Admission ID	(0038,0010)	-/3
Issuer of Admission ID	(0038,0011)	3/3
<u>Issuer of Admission ID Sequence</u>	<u>(0038,0014)</u>	<u>3/3</u>
<u>>Local Namespace Entity ID</u>	<u>(0040,0031)</u>	<u>-/3</u>
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>-/3</u>
<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>-/3</u>
Service Episode ID	(0038,0060)	3/3
Issuer of Service Episode ID	(0038,0061)	3/3
Service Episode Description	(0038,0062)	3/3
<u>Issuer of Service Episode ID Sequence</u>	<u>(0038,0064)</u>	<u>3/3</u>
<u>>Local Namespace Entity ID</u>	<u>(0040,0031)</u>	<u>-/3</u>
<u>>Universal Entity ID</u>	<u>(0040,0032)</u>	<u>-/3</u>
<u>>Universal Entity ID Type</u>	<u>(0040,0033)</u>	<u>-/3</u>
...		

Make changes to PS3.4 Annex V

**Table V.6-2
ATTRIBUTES FOR THE SUBSTANCE APPROVAL QUERY INFORMATION MODEL**

Description / Module	Tag	Match- ing Key Type	Return Key Type	Remark/Matching Type
Patient				
Patient's Name	(0010,0010)	O	2	
Patient ID	(0010,0020)	R	1	Shall be retrieved with Single Value Matching only. One or both of Patient ID (0010,0020) and Admission ID (0038,0010) shall be present as a Matching Key in the Query
Issuer of Patient ID	(0010,0021)	O	2	
Issuer of Patient ID Qualifiers Sequence	(0010,0024)	O	3	
>All attributes of the Issuer of Patient ID Qualifiers Sequence		O	3	
Patient's Birth Date	(0010,0030)	-	2	
Patient's Sex	(0010,0040)	-	2	
Visit				
Admission ID	(0038,0010)	R	2	Shall be retrieved with Single Value Matching only. One or both of Patient ID (0010,0020) and Admission ID (0038,0010) shall be present as a Matching Key in the Query
Issuer of Admission ID	(0038,0011)	O	2	
Issuer of Admission ID Sequence	(0038,0014)	O	3	
>Local Namespace Entity ID	(0040,0031)	O	1C	Required if Universal Entity ID (0040,0032) is not present; may be present otherwise
>Universal Entity ID	(0040,0032)	O	1C	Required if Local Namespace Entity ID (0040,0031) is not present; may be present otherwise.
>Universal Entity ID Type	(0040,0033)	O	1C	Required if Universal Entity ID (0040,0032) is present.
Product				
...				

<i>Make changes to PS3.6 Section 6</i>

<u>Tag</u>	<u>Name</u>	<u>VR</u>	<u>VM</u>	
<u>(0008,0051)</u>	<u>Issuer of Accession Number Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0010,0024)</u>	<u>Issuer of Patient ID Qualifiers Sequence</u>	<u>SQ</u>	<u>1</u>	
<i>(0038,0011)</i>	<i>Issuer of Admission ID</i>	<i>LO</i>	<i>1</i>	<u>RET</u>
<u>(0038,0014)</u>	<u>Issuer of Admission ID Sequence</u>	<u>SQ</u>	<u>1</u>	
<i>(0038,0061)</i>	<i>Issuer of Service Episode ID</i>	<i>LO</i>	<i>1</i>	<u>RET</u>
<u>(0038,0064)</u>	<u>Issuer of Service Episode ID Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0040,0026)</u>	<u>Order Placer Identifier Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0040,0027)</u>	<u>Order Filler Identifier Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0040,0031)</u>	<u>Local Namespace Entity ID</u>	<u>UT</u>	<u>1</u>	
<u>(0040,0032)</u>	<u>Universal Entity ID</u>	<u>UT</u>	<u>1</u>	
<u>(0040,0033)</u>	<u>Universal Entity ID Type</u>	<u>CS</u>	<u>1</u>	
<u>(0040,0035)</u>	<u>Identifier Type Code</u>	<u>CS</u>	<u>1</u>	
<u>(0040,0036)</u>	<u>Assigning Facility Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0040,0039)</u>	<u>Assigning Jurisdiction Code Sequence</u>	<u>SQ</u>	<u>1</u>	
<u>(0040,003A)</u>	<u>Assigning Agency or Department Code Sequence</u>	<u>SQ</u>	<u>1</u>	