

DICOM Correction Item

Correction Number	CP 750
Log Summary: Add requesting service code	
Type of Modification	Name of Standard
Addition	PS 3.3, 3.6, 3.16 2008
<p>Rationale for Correction</p> <p>It is helpful to know not only the requesting physician (or other healthcare professional) who ordered a study, but also the service to which they belong, since in many cases they work as a team and the objects and results should be routed to the team not the individual. The MWL and GP-SPS queries provide a text string to encode this, but it is preferable that the information is coded. This would allow a standardized list of services and departments be used to allow cross-institutional business rules to be adopted.</p> <p>Further, the composite objects do not currently have a means of encoding the requesting service in any form; some vendors have been resorting to private elements to convey this information.</p> <p>Accordingly it is proposed to add a coded sequence item to convey the requesting service to the appropriate MWL, GP-SPS modules and the composite object General Study Module. The existing string requesting service attribute is not retired since in some uses it may be copied from an HL7 message without the ability to map it to a coded form.</p> <p>Note that, formally, the code represents the <i>type</i> of department, not the <i>entity identifier</i> of the department. For instance, if a hospital had two surgical ICUs, they would both be the same type. It is presumed that there is sufficient information from other attributes to disambiguate when necessary. Note that HL7 v2 also uses a coded type rather than an entity identifier.</p> <p>Also, Requesting Physician Identification Sequence is not present in the GP-SPS Relationship module, though it was previously added to all other places where the requesting physician is specified, so it is added.</p> <p><i>Editor's note: In preparing the context group, lists of departments from various institutions were compared and codes for departments, services and specialties were examined and appropriate codes selected; where a department was defined as such explicitly in SNOMED that code was chosen over an alternative code for service. In preparing the code meanings, the word 'service' or 'department' was elided if present.</i></p>	
Sections of documents affected	
PS 3.3 C.4.12, C.4.18, C.7.2.1	
PS 3.6 Section 6, Annex A	
PS 3.16	
Correction Wording:	

PS 3.3 C.4.12: Add the requesting Service Code Sequence for MWL:

C.4.12 Imaging Service Request Module

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

Attribute Name	Tag	Attribute Description
...
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. See Note.
Requesting Service Code Sequence	(0032,1034)	Institutional department where the request initiated. Equivalent to HL7 v2.x ORC-17. Only a single item shall be permitted in this sequence. See Note.
<i>>Include 'Code Sequence Macro' Table 10-1</i>		<i>Defined Context ID is 7030.</i>
...

Note: Both the attribute Requesting Service (0032,1033) and Requesting Service Code Sequence (0032,1034) are defined in this table; the latter has been added and is preferred, but the former is not retired since in some uses it may be copied from an HL7 message without the ability to map it to a coded form (e.g., with only ORC-17 component 1 valued).

PS 3.3 C.4.18: Add the requesting Service Code Sequence for GP-WL:

C.4.18 General Purpose Scheduled Procedure Step Relationship Module

**Table C.4-18
GENERAL PURPOSE SCHEDULED PROCEDURE STEP RELATIONSHIP MODULE
ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...
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.
...
>Requesting Physician	(0032,1032)	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.
>>Include 'Person Identification Macro' Table 10-1		
>Requesting Service	(0032,1033)	Institutional department where the request initiated. See Note.
>Requesting Service Code Sequence	(0032,1034)	Institutional department where the request initiated. Equivalent to HL7 v2.x ORC-17. Only a single item shall be permitted in this sequence. See Note.
>>Include 'Code Sequence Macro' Table 10-1		Defined Context ID is 7030.
...

Note: Both the attribute Requesting Service (0032,1033) and Requesting Service Code Sequence (0032,1034) are defined in this table; the latter has been added and is preferred, but the former is not retired since in some uses it may be copied from an HL7 message without the ability to map it to a coded form (e.g., with only ORC-17 component 1 valued).

PS 3.3 C.7.2.1: Add the Requesting Service Code Sequence for composite instances:

C.7.2.1 General Study Module

Table C.7-3 specifies the Attributes that describe and identify the Study performed upon the Patient.

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

Attribute Name	Tag	Type	Attribute Description
...
Referring Physician's Name	(0008,0090)	2	Name of the patient's referring physician
Referring Physician Identification Sequence	(0008,0096)	3	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>			
...
Physician(s) of Record	(0008,1048)	3	Names of the physician(s) who are responsible for overall patient care at time of Study (see Section C.7.3.1 for Performing Physician)
Physician(s) of Record Identification Sequence	(0008,1049)	3	Identification of the physician(s) who are responsible for overall patient care at time of Study. One or more items shall be included in this sequence. If more than one item, the number and order shall correspond to the value of Physician(s) of Record (0008,1048), if present.
<i>>Include 'Person Identification Macro' Table 10-1</i>			
Name of Physician(s) Reading Study	(0008,1060)	3	Names of the physician(s) reading the Study.
Physician(s) Reading Study Identification Sequence	(0008,1062)	3	Identification of the physician(s) reading the Study. One or more items shall be included in this sequence. If more than one item, the number and order shall correspond to the value of Name of Physician(s) Reading Study (0008,1060), if present.
<i>>Include 'Person Identification Macro' Table 10-1</i>			
Requesting Service Code Sequence	(0032,1034)	3	<u>Institutional department where the request initiated. Only a single item shall be permitted in this sequence.</u>
<i>>Include 'Code Sequence Macro' Table 10-1</i>		<u>Defined Context ID is 7030.</u>	
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Amend PS 3.6 Section 6 as follows:

(0032,1034)	Requesting Service Code Sequence	SQ	1	
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Add new rows to PS 3.6 Annex A Table A-3

**Table A-3
CONTEXT GROUP UID VALUES**

Context UID	Context Identifier	Context Group Name
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CP 750
Add requesting service code

Date: 2009/07/18
Status: Final Text

...		
1.2.840.10008.6.1.816	7030	Institutional Departments, Units and Services

PS 3.16: Add context group with service codes:

CID 7030 Institutional Departments, Units and Services

**Context ID 7030
Institutional Departments, Units and Services**

Type: Extensible Version: 20090717

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	R-300E3	Accident and Emergency
SRT	R-30246	Allergy and Immunology
SRT	R-3023A	Anesthesiology
SRT	R-30247	Audiology
SRT	R-421EB	Clinical Biochemistry
SRT	R-3027F	Breast Surgery
SRT	R-3060E	Burns Intensive Care
SRT	R-30240	Cardiac Intensive Care
SRT	R-30282	Cardiac Surgery
SRT	R-30248	Cardiology
SRT	R-30280	Cardiothoracic Surgery
SRT	R-30276	Child and Adolescent Psychiatry
SRT	R-3023B	Clinical Oncology
SRT	R-3028E	Colorectal Surgery
SRT	R-4225D	Cytology
SRT	R-30283	Dental Surgery
SRT	R-30250	Dermatology
SRT	R-3061B	Diagnostic Imaging
SRT	R-3028A	Endocrine Surgery
SRT	R-30252	Endocrinology
SRT	R-421D4	Endoscopy
SRT	R-3028B	Gastrointestinal Surgery
SRT	R-30254	General Medicine
SRT	R-3028F	General Surgery
SRT	R-3025A	Geriatric Medicine
SRT	R-30264	Gynecology
SRT	R-30290	Hand Surgery
SRT	R-3026F	Hematology
SRT	R-4223B	Hepatobiliary Surgery
SRT	R-3061D	Histopathology

SRT	R-3025B	Infectious Disease
SRT	R-3023D	Intensive Care
SRT	R-3061E	Medical Intensive Care
SRT	R-30270	Medical Microbiology
SRT	R-3025D	Nephrology
SRT	R-305CE	Neonatal Intensive Care
SRT	R-3025E	Neurology
SRT	R-4223C	Neurosurgery
SRT	R-3025F	Nuclear Medicine
SRT	R-30265	Obstetrics
SRT	R-30263	Obstetrics and Gynecology
SRT	R-3025C	Ophthalmology
SRT	R-42207	Optometry
SRT	R-30285	Oral Surgery
SRT	R-30294	Orthopedic Surgery
SRT	R-30289	Otorhinolaryngology
SRT	R-3026A	Pain Management
SRT	R-30260	Palliative Care
SRT	R-3026B	Pathology
SRT	R-30243	Pediatric Intensive Care
SRT	R-305EA	Pediatric Medicine
SRT	R-30269	Pediatric Oncology
SRT	R-305E9	Pediatric Surgery
SRT	S-8000A	Primary Care Department
SRT	R-30261	Rehabilitation
SRT	R-302A2	Physiotherapy
SRT	R-30297	Plastic Surgery
SRT	R-30275	Psychiatry
SRT	R-42219	Psychology
SRT	R-3024B	Pulmonology
SRT	R-3023C	Radiotherapy
SRT	R-3027B	Radiology
SRT	R-30262	Rheumatology
SRT	R-42203	Speech and Language Therapy
SRT	R-3027D	Stroke
SRT	R-3027E	Surgery
SRT	R-305EB	Surgical Intensive Care
SRT	R-30281	Thoracic Surgery

SRT	R-30298	Transplant Surgery
SRT	R-30299	Trauma Surgery
SRT	R-30616	Tropical Medicine
SRT	R-42246	Ultrasonography
SRT	R-3029A	Urology
SRT	R-3029B	Vascular Surgery

Note: In SNOMED, there is often a choice of unit, department or service concepts; in DICOM, the department concept is preferred and used in this context group.