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|---|---------------------|----------------------------|
| 1 | Status | Final Text |
| 2 | Date of Last Update | 2018/02/10 |
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| 7 | Submission Date | 2017/06/11 |

| | | |
|----|--|--|
| 8 | Correction Number CP-1722 | |
| 9 | Log Summary: Consistency of Requesting Service attributes between worklist and composite instances and more general usage | |
| 10 | Name of Standard | |
| 11 | PS3.3, PS3.4 2017e | |
| 12 | Rationale for Correction: | |
| 13 | The definitions of the Requesting Service attributes are inconsistent between worklist and composite modules, and not sufficiently generic (e.g., the attribute name is "service" but the definition uses "department"). | |
| 14 | | |
| 15 | Generalize the use of the attributes to include the absence of a specific request or order. | |
| 16 | Correction Wording: | |

Amend DICOM PS3.3 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

C.4.12 Imaging Service Request Module

Table C.4-12. Imaging Service Request Module Attributes

| Attribute Name | Tag | Attribute Description |
|---|-------------|---|
| Requesting Service | (0032,1033) | Institutional department, <u>unit or service</u> where the request initiated. See Note 3. |
| Requesting Service Code Sequence | (0032,1034) | Institutional department, <u>unit or service</u> where the request initiated. Equivalent to HL7 v2.x ORC-17. See Note 3. Only a single Item shall be included in this Sequence. See Note 3. |
| >Include Table 8.8-1 "Code Sequence Macro Attributes" | | Defined CID 7030 "Institutional Departments, Units and Services". |

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~~ whether or not there is also the ability to map it to a coded form (e.g., with only ORC-17 component 1 valued).

C.7.2.1 General Study Module

Table C.7-3. General Study Module Attributes

| Attribute Name | Tag | Type | Attribute Description |
|---|--------------------|----------|---|
| ... | ... | ... | ... |
| <u>Requesting Service</u> | <u>(0032,1033)</u> | 3 | <u>Institutional department, unit or service where the request initiated. See Note 1 and Note 2.</u> |
| Requesting Service Code Sequence | (0032,1034) | 3 | Institutional department, <u>unit or service</u> where the request initiated. <u>Equivalent to HL7 v2.x ORC-17. See Note 1 and Note 2.</u> Only a single item is permitted in this Sequence. |
| >Include Table 8.8-1 "Code Sequence Macro Attributes" | | | Defined CID 7030 "Institutional Departments, Units and Services". |

Note

- Both Requesting Service (0032,1033) and Requesting Service Code Sequence (0032,1034) are defined in this table; the latter is preferred, but the former may be copied from an HL7 message whether or not there is also the ability to map it to a coded form (e.g., with only ORC-17 component 1 valued).
- Requesting Service (0032,1033) and/or Requesting Service Code Sequence (0032,1034) may be used in the absence of a specific request or order, to describe the service involved or associated with acquiring the Study.

C.30.4 Unified Procedure Step Relationship Module

Table C.30.4-1. Unified Procedure Step Relationship Module Attributes

| Attribute Name | Tag | Attribute Description |
|--|--------------------|---|
| Referenced Request Sequence | (0040,A370) | Requested Procedures to which the Procedure Step contributes. Zero or more Items shall be included in the sequence. |
| >Requesting Service | (0032,1033) | Institutional department, <u>unit or service</u> where the request initiated. |
| <u>>Requesting Service Code Sequence</u> | <u>(0032,1034)</u> | <u>Institutional department, unit or service where the request initiated. Equivalent to HL7 v2.x ORC-17. See Note 1.</u> <u>Only a single Item shall be included in this Sequence.</u> |
| >>Include Table 8.8-1 "Code Sequence Macro Attributes" | | Defined CID 7030 "Institutional Departments, Units and Services". |

Note

- Both Requesting Service (0032,1033) and Requesting Service Code Sequence (0032,1034) are defined in this table; the latter is preferred, but the former may be copied from an HL7 message whether or not there is also the ability to map it to a coded form (e.g., with only ORC-17 component 1 valued).

Amend DICOM PS3.4 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

CC.2.5.1.3 UPS Attribute Service Requirements

Table CC.2.5-3. UPS SOP Class N-CREATE/N-SET/N-GET/C-FIND Attributes

| Attribute Name | Tag | Req. Type N-CREATE (SCU/SCP) | Req. Type N-SET (SCU/SCP) | Final State | Req. Type N-GET (SCU/SCP) | Match Key Type | Return Key Type | Remark/Matching Type |
|---|--------------------|------------------------------|---------------------------|-------------|---------------------------|----------------|-----------------|--|
| Unified Procedure Step Relationship Module | | | | | | | | |
| Referenced Request Sequence | (0040,A370) | 2/2 | Not allowed | O | 3/2 | R | 2 | Could be "changed" while SCHEDULED by canceling and re-creating with the "correct" values. |
| >Requesting Service | (0032,1033) | 3/1 | 3/1 | O | -/3 | R | 3 | |
| <u>>Requesting Service Code Sequence</u> | <u>(0032,1034)</u> | <u>3/3</u> | <u>3/3</u> | <u>O</u> | <u>-/3</u> | <u>O</u> | <u>3</u> | |
| >>Include Table CC.2.5-2a "UPS Code Sequence Macro" | | | | | | | | |

For reference unchanged, from DICOM PS3.16

CID 7030 Institutional Departments, Units and Services

Type: Extensible
Version: 20160314

Table CID 7030. Institutional Departments, Units and Services

| Coding Scheme Designator | Code Value | Code Meaning | SNOMED-CT Concept ID | UMLS Concept Unique ID |
|--------------------------|------------|----------------------------------|----------------------|------------------------|
| DCM | 128170 | Abdominal Radiology | | |
| SRT | R-300E3 | Accident and Emergency | 225728007 | C0562508 |
| SRT | R-30246 | Allergy and Immunology | 309913004 | C0587451 |
| SRT | R-3023A | Anesthesiology | 309901009 | C0002907 |
| SRT | R-30247 | Audiology | 309914005 | C0587452 |
| DCM | 128171 | Biomedical Engineering | | |
| SRT | R-3027F | Breast Surgery | 309968000 | C0587504 |
| SRT | R-3060E | Burns Intensive Care | 426439001 | C1959926 |
| SRT | R-30240 | Cardiac Intensive Care | 309907008 | C0587446 |
| SRT | R-30282 | Cardiac Surgery | 309971008 | C0587507 |
| SRT | R-30248 | Cardiology | 309915006 | C0587453 |
| SRT | R-30280 | Cardiothoracic Surgery | 309969008 | C0587505 |
| DCM | 128172 | Cardiovascular Radiology | | |
| SRT | R-30276 | Child and Adolescent Psychiatry | 309959002 | C0587495 |
| SRT | R-421EB | Clinical Biochemistry | 310076001 | C0587609 |
| SRT | R-3023B | Clinical Oncology | 309902002 | C0587443 |
| SRT | R-3028E | Colorectal Surgery | 309983005 | C0587519 |
| SRT | R-4221E | Computerized Tomography Service | 310128004 | C0587659 |
| SRT | R-4225D | Cytology | 310200001 | C0587725 |
| SRT | R-30283 | Dental Surgery | 309972001 | C0587508 |
| SRT | R-30250 | Dermatology | 309923008 | C0587461 |
| SRT | R-3061B | Diagnostic Imaging | 441662001 | C2711258 |
| SRT | R-3028A | Endocrine Surgery | 309979005 | C0587515 |
| SRT | R-30252 | Endocrinology | 309925001 | C0587463 |
| SRT | R-421D4 | Endoscopy | 310030000 | C0587565 |
| SRT | R-3028B | Gastrointestinal Surgery | 309980008 | C0587516 |
| SRT | R-30254 | General Medicine | 309927009 | C0587465 |
| SRT | R-3028F | General Surgery | 309984004 | C0587520 |
| SRT | R-3025A | Geriatric Medicine | 309933000 | C0587471 |
| SRT | R-30264 | Gynecology | 309943002 | C0587481 |
| SRT | R-30290 | Hand Surgery | 309985003 | C0587521 |
| SRT | R-3026F | Hematology | 309954007 | C0587491 |
| SRT | R-4223B | Hepatobiliary Surgery | 310158005 | C0587687 |
| SRT | R-3061D | Histopathology | 441950002 | C2711413 |
| SRT | R-3025B | Infectious Disease | 309934006 | C0587472 |
| DCM | 128173 | Information Technology | | |
| SRT | R-3023D | Intensive Care | 309904001 | C0021708 |
| SRT | R-FF0C4 | Interventional Radiology Service | 708174004 | C3872675 |

| Coding Scheme Designator | Code Value | Code Meaning | SNOMED-CT Concept ID | UMLS Concept Unique ID |
|--------------------------|------------|------------------------------------|----------------------|------------------------|
| SRT | R-4221D | Magnetic Resonance Imaging Service | 310127009 | C0587658 |
| SRT | R-3061E | Medical Intensive Care | 441994008 | C2711734 |
| SRT | R-30270 | Medical Microbiology | 309956009 | C0587492 |
| DCM | 128174 | Medical Physics | | |
| DCM | 128175 | Musculoskeletal Radiology | | |
| SRT | R-305CE | Neonatal Intensive Care | 405269005 | C0021709 |
| SRT | R-3025D | Nephrology | 309936008 | C0587474 |
| SRT | R-3025E | Neurology | 309937004 | C0587475 |
| UMLS | C2183225 | Neuroradiology | | C2183225 |
| SRT | R-4223C | Neurosurgery | 310159002 | C0587688 |
| SRT | R-3025F | Nuclear Medicine | 309938009 | C0587476 |
| SRT | R-30265 | Obstetrics | 309944008 | C0028775 |
| SRT | R-30263 | Obstetrics and Gynecology | 309942007 | C0587480 |
| SRT | R-3025C | Ophthalmology | 309935007 | C0587473 |
| SRT | R-42207 | Optometry | 310105000 | C0587638 |
| SRT | R-30285 | Oral Surgery | 309974000 | C0587510 |
| SRT | R-30294 | Orthopedic Surgery | 309989009 | C0587525 |
| SRT | R-30289 | Otorhinolaryngology | 309978002 | C0587514 |
| SRT | R-3026A | Pain Management | 309949003 | C0587486 |
| SRT | R-30260 | Palliative Care | 309939001 | C0587477 |
| SRT | R-3026B | Pathology | 309950003 | C0587487 |
| SRT | R-30243 | Pediatric Intensive Care | 309910001 | C0021710 |
| SRT | R-305EA | Pediatric Medicine | 420223003 | C1628316 |
| SRT | R-30269 | Pediatric Oncology | 309948006 | C0587485 |
| DCM | 128177 | Pediatric Radiology | | |
| SRT | R-30296 | Pediatric Surgery | 309991001 | C0587527 |
| SRT | R-302A2 | Physiotherapy | 310464005 | C0587975 |
| SRT | R-30297 | Plastic Surgery | 309992008 | C0587528 |
| SRT | S-8000A | Primary Care Department | 441480003 | C2711449 |
| SRT | R-30275 | Psychiatry | 309958005 | C0587494 |
| SRT | R-42219 | Psychology | 310123008 | C0587654 |
| SRT | R-3024B | Pulmonology | 309918008 | C0587456 |
| SRT | R-3027B | Radiology | 309964003 | C0587500 |
| SRT | R-3023C | Radiotherapy | 309903007 | C0587444 |
| SRT | R-30261 | Rehabilitation | 309940004 | C0587478 |
| SRT | R-30262 | Rheumatology | 309941000 | C0587479 |
| SRT | R-42203 | Speech and Language Therapy | 310101009 | C0587634 |
| SRT | R-3027D | Stroke | 309966001 | C0587502 |
| SRT | R-3027E | Surgery | 309967005 | C0587503 |
| SRT | R-305EB | Surgical Intensive Care | 418433008 | C1690590 |

| Coding Scheme Designator | Code Value | Code Meaning | SNOMED-CT Concept ID | UMLS Concept Unique ID |
|--------------------------|------------|--------------------|----------------------|------------------------|
| DCM | 128179 | Thoracic Radiology | | |
| SRT | R-30281 | Thoracic Surgery | 309970009 | C0587506 |
| SRT | R-30298 | Transplant Surgery | 309993003 | C0587529 |
| SRT | R-30299 | Trauma Surgery | 309994009 | C0587530 |
| SRT | R-30616 | Tropical Medicine | 441548002 | C2711407 |
| SRT | R-42246 | Ultrasonography | 310169008 | C0587698 |
| SRT | R-3029A | Urology | 309995005 | C0587531 |
| SRT | R-3029B | Vascular Surgery | 309996006 | C0587532 |

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.