

## DICOM Correction Proposal Form

Tracking Information - Administration Use Only	
Correction Proposal Number	CP-247
STATUS	Assigned
Date of Last Update	2001/03/14
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Submission date	2001/01/30

Correction Number	CP-xxx
Log Summary: Codes for persons in composite objects	
Type of Modification	Name of Standard
Addition	PS 3.3, 3.6 2000
<p>Rationale for Correction</p> <p>Recently introduced supplements to the standard such as Structured Reporting and General Purpose Worklist have included the notion of referring to individual physicians, providers or other persons not only by name (in attributes with a PN VR), but also by reference to a coded sequence item (which contains a coding scheme such as a national provider identifier, a code value which is the identifier within that scheme, and the code meaning which is their name in an unconstrained format (i.e. however it is defined in the coding scheme)).</p> <p>Existing composite objects contain various fields for referring to physicians and other providers, but no mechanism for using coded entries. This means that when two people have the same name there is no way to disambiguate them. Furthermore, variation in entry of the name information may result in failure to match them as the saem individual.</p> <p>Accordingly, it is proposed that optional attributes be added to general modules to allow both a coded identifier and the person's organization to be conveyed.</p> <p>Similarly, corresponding optional attributes are added to the modality worklist and performed procedure step IODs (no PS 3.4 changes are required due to "all other attributes" clauses).</p>	
Sections of documents affected	
PS 3.3	
PS 3.6	
Correction Wording:	

C.4.10 Scheduled Procedure Step Module

Table C.4-10  
SCHEDULED PROCEDURE STEP MODULE ATTRIBUTES

Attribute Name	Tag	Attribute Description
Scheduled Procedure Step Sequence	(0040,0100)	One or more Scheduled Procedure Steps for one Requested Procedure.
...	...	...
>Scheduled Performing Physician's Name	(0040,0006)	Name of the physician scheduled to administer the Scheduled Procedure Step.
<b>&gt;Scheduled Performing Physician Code Sequence</b>	<b>(0040,xxx1)</b>	<b>Physician scheduled to administer the Scheduled Procedure Step. One or more items shall be included in this sequence.</b>
<b>&gt;&gt;Include 'Code Sequence Macro' Table 8.8-1</b>		<b>No Baseline Context ID is defined.</b>
<b>&gt;Scheduled Performing Physician's Organization</b>	<b>(0040,xxx2)</b>	<b>Organization to which the physician is accountable for administering the Scheduled Procedure Step.</b>

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)	<b>Name of the P</b> physician who requested the Imaging Service Request.
<b>Requesting Physician Code Sequence</b>	<b>(0032,yyy1)</b>	<b>Physician who requested the Imaging Service Request.</b>
<b>&gt;Include 'Code Sequence Macro' Table 8.8-1</b>		<b>No Baseline Context ID is defined.</b>
<b>Requesting Physician's Organization</b>	<b>(0032,yyy2)</b>	<b>Organization to which the physician is accountable for requesting the Imaging Service.</b>
Referring Physician's Name	(0008,0090)	<b>Name of the Patient's referring physician</b> <del>Patient's primary physician</del> for this Imaging Service Request.
<b>Referring Physician Code Sequence</b>	<b>(0008,zzz1)</b>	<b>Patient's referring physician. Only a single item shall be permitted in this sequence.</b>
<b>&gt;Include 'Code Sequence Macro' Table 8.8-1</b>		<b>No Baseline Context ID is defined.</b>
<b>Referring Physician's Organization</b>	<b>(0008,zzz2)</b>	<b>Organization to which the physician is accountable for referring the patient.</b>
...	...	...

C.4.15 Image Acquisition Results

...

Table C.4-15  
IMAGE ACQUISITION RESULTS MODULE ATTRIBUTES

Attribute Name	Tag	Attribute Description
...	...	...
Performed Series Sequence	(0040,0340)	Attributes of the Series that comprise this Modality Performed Procedure Step. The Sequence may have zero or more Items.
>Performing Physician's Name	(0008,1050)	Name of the physician(s) administering this Series.
<u>Performing Physician Code Sequence</u>	<u>(0008,www1)</u>	<b>Physician(s) administering the Series. One or more items shall be included in this sequence.</b>
<i>&gt;Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>
<u>Performing Physician's Organization</u>	<u>(0008,www2)</u>	<b>Organization(s) to which the physician(s) is (are) accountable for administering this series.</b>
>Operator's Name	(0008,1070)	Name(s) of the <del>operator</del> <b>technologist(s) who performed supporting</b> this Series.
<u>Operator Code Sequence</u>	<u>(0008,ppp1)</u>	<b>Technologist(s) supporting the Series. One or more items shall be included in this sequence.</b>
<i>&gt;Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>
<u>Operator's Organization</u>	<u>(0008,ppp2)</u>	<b>Organization(s) to which the technologist(s) is (are) accountable for this series.</b>
...	...	...

C.7.2.1 General Study Module

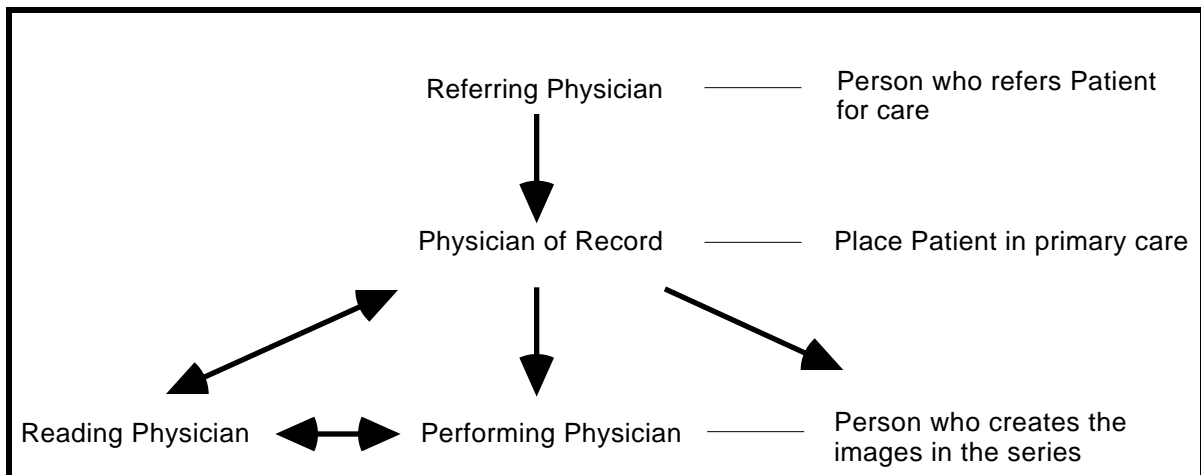
...

Table C.7-2  
GENERAL STUDY MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
...	...	...	...
Referring Physician's Name	(0008,0090)	2	<b>Name of the P</b> atient's referring physician.
<u>Referring Physician Code Sequence</u>	<u>(0008,zzz1)</u>	<u>3</u>	<b>Patient's referring physician. Only a single item shall be permitted in this sequence.</b>
<i>&gt;Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>	
<u>Referring Physician's Organization</u>	<u>(0008,zzz2)</u>	<u>3</u>	<b>Organization to which the physician is accountable for referring the patient.</b>

...	...	...	...
Physician(s) of Record	(0008,1048)	3	<b>Name(s) of the P</b> physician(s) who are responsible for overall patient care at time of Study (see Section C.7.3.1 for Performing Physician).
<b>Physician(s) of Record Code Sequence</b>	<b>(0008,qqq1)</b>	<b>3</b>	<b>Physician(s) who are responsible for overall patient care at time of Study. One or more items shall be included in this sequence, if present.</b>
<b>&gt;Include 'Code Sequence Macro' Table 8.8-1</b>		<b>No Baseline Context ID is defined.</b>	
<b>Physician(s) of Record's Organization(s)</b>	<b>(0008,qqq2)</b>	<b>3</b>	<b>Organization(s) to which the physicians(s) is (are) accountable for overall patient care at time of Study.</b>
Name of Physician(s) Reading Study	(0008,1060)	3	<b>Name(s) of the P</b> physician(s) reading the Study.
<b>Physician(s) Reading Study Code Sequence</b>	<b>(0008,rrr1)</b>	<b>3</b>	<b>Physician(s) reading the Study. One or more items shall be included in this sequence, if present.</b>
<b>&gt;Include 'Code Sequence Macro' Table 8.8-1</b>		<b>No Baseline Context ID is defined.</b>	
<b>Physician(s) Reading Study's Organization(s)</b>	<b>(0008,rrr2)</b>	<b>3</b>	<b>Organization(s) to which the physicians(s) is (are) accountable for reading the study.</b>
...	...	...	...

Note: The model used for application of attributes related to different functions of Physicians involved in the care is as follows:



There can be an overlap of functions provided by any given physician. In this case, the field entries would convey the same physician name under different roles.

**C.7.3.1 General Series Module**

...

**Table C.7-4  
GENERAL SERIES MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...	...	...	...
Performing Physicians' Name	(0008,1050)	3	Name of the physician(s) administering the Series.
<b>Performing Physician Code Sequence</b>	<b>(0008,www1)</b>	<b>3</b>	<b>Physician(s) administering the Series. One or more items shall be included in this sequence.</b>
<i>&gt;Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>	
<b>Performing Physician's Organization</b>	<b>(0008,www2)</b>	<b>3</b>	<b>Organization(s) to which the physician(s) is (are) accountable for administering this series.</b>
...	...	...	...
Operators' Name	(0008,1070)	3	<b>Name(s) of the Technologist(s) supporting the Series.</b>
<b>Operator Code Sequence</b>	<b>(0008,ppp1)</b>	<b>3</b>	<b>Technologist(s) supporting the Series. One or more items shall be included in this sequence.</b>
<i>&gt;Include 'Code Sequence Macro' Table 8.8-1</i>		<i>No Baseline Context ID is defined.</i>	
<b>Operator's Organization</b>	<b>(0008,ppp2)</b>	<b>3</b>	<b>Organization(s) to which the technologist(s) is (are) accountable for this series.</b>
...	...	...	...

Add the following Data Elements to Part 6 Section 6:

Tag	Name	VR	VM
(0008,0090)	Referring Physician's Name	PN	1
(0008,0092)	Referring Physician's Address	ST	1
(0008,0094)	Referring Physician's Telephone Numbers	SH	1-n
<b>(0008,zzz1)</b>	<b>Referring Physician Code Sequence</b>	<b>SQ</b>	<b>1</b>
<b>(0008,zzz2)</b>	<b>Referring Physician's Organization</b>	<b>LO</b>	<b>1</b>
(0008,1048)	Physician(s) of Record	PN	1-n
<b>(0008,qqq1)</b>	<b>Physician(s) of Record Code Sequence</b>	<b>SQ</b>	<b>1</b>
<b>(0008,qqq2)</b>	<b>Physician(s) of Record's Organization(s)</b>	<b>LO</b>	<b>1-n</b>
(0008,1050)	Performing Physician's Name	PN	1-n

<b><u>(0008,www1)</u></b>	<b><u>Performing Physician Code Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,www2)</u></b>	<b><u>Performing Physician's Organization</u></b>	<b><u>LO</u></b>	<b><u>1-n</u></b>
(0008,1060)	Name of Physician(s) Reading Study	PN	1-n
<b><u>(0008,rrr1)</u></b>	<b><u>Physician(s) Reading Study Code Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,rrr2)</u></b>	<b><u>Physician(s) Reading Study's Organization(s)</u></b>	<b><u>LO</u></b>	<b><u>1-n</u></b>
(0008,1070)	Operators' Name	PN	1-n
<b><u>(0008,ppp1)</u></b>	<b><u>Operator Code Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,ppp2)</u></b>	<b><u>Operator's Organization</u></b>	<b><u>LO</u></b>	<b><u>1-n</u></b>
(0032,1032)	Requesting Physician	PN	1
<b><u>(0032,yyy1)</u></b>	<b><u>Requesting Physician Code Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0032,yyy2)</u></b>	<b><u>Requesting Physician's Organization</u></b>	<b><u>LO</u></b>	<b><u>1</u></b>
(0040,0006)	Scheduled Performing Physician's Name	PN	1
<b><u>(0040,xxx1)</u></b>	<b><u>Scheduled Performing Physician Code Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0040,xxx2)</u></b>	<b><u>Scheduled Performing Physician's Organization</u></b>	<b><u>LO</u></b>	<b><u>1</u></b>