

1	Status	Final Text
2	Date of Last Update	2025/01/22
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	David Clunie
6		mailto:dclunie@dclunie.com
7	Submission Date	2024/05/04

8	Correction Number CP-2413	
9	Log Summary: Clarify Admitting Diagnosis meaning and add other types of diagnosis	
10	Name of Standard	
11	PS3.3, PS3.6, PS3.15 2024e	
12	Rationale for Correction:	
13	The only description of diagnosis in worklist messages and storage objects is Admitting Diagnosis Description and Code Sequence, and these have circular definitions.	
14		
15	ICD coding guidelines have clarified distinct meanings of diagnosis in the context of hospital care, specifically distinguishing admitting, principal, primary and secondary diagnoses. In addition, there is a need to specifically convey the histological diagnoses, if known.	
16		
17	Improve the definition of admitting diagnosis, and add coded attributes for the other types of diagnosis.	
18	Include them in the de-identification profile clean descriptors option, since commonly private codes will be in use and their meanings may contain PII.	
19		
20	Clarify the relationship to Reason for Visit and remove references to obsolete HL7 table of codes.	
21	Correction Wording:	

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

## C.3.2 Visit Identification Module

Table C.3-2. Visit Identification Module Attributes

Attribute Name	Tag	Attribute Description
...		
Reason for Visit	(0032,1066)	Reason(s) for this visit by the patient to the facility or provider.  <b>Note</b>  <u>This might or might not be the same value as Admitting Diagnoses Description (0008,1080).</u>
Reason for Visit Code Sequence	(0032,1067)	Coded reason(s) for this visit by the patient to the facility or provider.  <b>Note</b>  <del>If an HL7 message is available with a PV2 segment corresponding to this visit, potential codes may be found in Admit Reason PV2-3.</del>  <u>This might or might not be the same codes used in Admitting Diagnoses Code Sequence (0008,1084).</u>  One or more Items are permitted in this Sequence.
>Include Table 8.8-1 "Code Sequence Macro Attributes"		No Baseline CID is defined.
...		

## C.3.4 Visit Admission Module

Table C.3-4. Visit Admission Module Attributes

Attribute Name	Tag	Attribute Description
...		
Admitting Diagnoses Description	(0008,1080)	Description of <del>admitting diagnosis (diagnoses)</del> <u>the reason(s) the patient sought care.</u>  <b>Note</b>  <u>This may be present even if the patient is not actually admitted.</u>
Admitting Diagnoses Code Sequence	(0008,1084)	<del>A Sequence that conveys the admitting diagnosis (diagnoses)</del> <u>The reason(s) the patient sought care.</u>  <b>Note</b>  <u>This may be present even if the patient is not actually admitted.</u>  One or more Items shall be included in this Sequence.
>Include Table 8.8-1 "Code Sequence Macro Attributes"		No Baseline CID is defined.
<u>Principal Diagnosis Code Sequence</u>	<u>(0008,1301)</u>	<u>Condition that, after investigation, was chiefly responsible for the visit.</u>  <u>Only a single Item is permitted in this Sequence.</u>

Attribute Name	Tag	Attribute Description
<b>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</b>		
<b>Primary Diagnosis Code Sequence</b>	<b>(0008,1302)</b>	<b><u>No Baseline CID is defined.</u></b> <b><u>Most serious and/or resource-intensive condition during the visit.</u></b> <b><u>Only a single Item is permitted in this Sequence.</u></b>  <b>Note</b> <ol style="list-style-type: none"><li><b><u>The primary diagnosis may or may not be the same as the principal diagnosis.</u></b></li><li><b><u>The use of the term "primary" in this context is not related to its different meaning in the context of cancer, i.e., it is not necessarily a condition that is a primary tumor, which might be encoded as the principal diagnosis, if appropriate.</u></b></li></ol>
<b>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</b>		
<b>Secondary Diagnoses Code Sequence</b>	<b>(0008,1303)</b>	<b><u>Conditions that coexist with the primary diagnosis, and that affect care during the visit.</u></b>  <b><u>One or more Items are permitted in this Sequence.</u></b>
<b>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</b>		
<b>Histological Diagnoses Code Sequence</b>	<b>(0008,1304)</b>	<b><u>Diagnoses that have been confirmed by anatomical histopathology of specimens removed from the subject.</u></b>  <b><u>One or more Items are permitted in this Sequence.</u></b>
<b>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</b>		
...		

## C.4.12 Imaging Service Request Module

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

Attribute Name	Tag	Attribute Description
...		
Reason for Visit	(0032,1066)	Reason(s) for this visit by the patient to the facility or provider.  <b>Note</b> <b><u>This might or might not be the same value as Admitting Diagnoses Description (0008,1080).</u></b>
Reason for Visit Code Sequence	(0032,1067)	Coded reason(s) for this visit by the patient to the facility or provider.  <b>Note</b> <b><u>If an HL7 message is available with a PV2 segment corresponding to this visit, potential codes may be found in Admit Reason PV2-3.</u></b>  <b><u>This might or might not be the same codes used in Admitting Diagnoses Code Sequence (0008,1084).</u></b>  One or more Items are permitted in this Sequence.
<b>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</b>		
<b><u>No Baseline CID is defined.</u></b>		

## C.7.2.2 Patient Study Module

Table C.7-4a. Patient Study Module Attributes

Attribute Name	Tag	Type	Attribute Description
Admitting Diagnoses Description	(0008,1080)	3	Description of the <del>admitting diagnosis (diagnoses)</del> <u>the reason(s) the patient sought care.</u>  Note <u>This may be present even if the patient is not actually admitted.</u>
Admitting Diagnoses Code Sequence	(0008,1084)	3	<del>A Sequence that conveys the admitting diagnosis (diagnoses)</del> <u>The reason(s) the patient sought care.</u>  Note <u>This may be present even if the patient is not actually admitted.</u>  One or more Items are permitted in this Sequence.
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>			<i>No Baseline CID is defined.</i>
<u>Principal Diagnosis Code Sequence</u>	<u>(0008,1301)</u>	<u>3</u>	<u>Condition that, after investigation, was chiefly responsible for the visit.</u>  <u>Only a single Item is permitted in this Sequence.</u>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>			<i>No Baseline CID is defined.</i>
<u>Primary Diagnosis Code Sequence</u>	<u>(0008,1302)</u>	<u>3</u>	<u>Most serious and/or resource-intensive condition during the visit.</u>  <u>Only a single Item is permitted in this Sequence.</u>  Note <ol style="list-style-type: none"><li><u>The primary diagnosis may or may not be the same as the principal diagnosis.</u></li><li><u>The use of the term "primary" in this context is not related to its different meaning in the context of cancer, i.e., it is not necessarily a condition that is a primary tumor, which might be encoded as the principal diagnosis, if appropriate.</u></li></ol>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>			<i>No Baseline CID is defined.</i>
<u>Secondary Diagnoses Code Sequence</u>	<u>(0008,1303)</u>	<u>3</u>	<u>Conditions that coexist with the primary diagnosis, and that affect care during the visit.</u>  <u>One or more Items are permitted in this Sequence.</u>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>			<i>No Baseline CID is defined.</i>
<u>Histological Diagnoses Code Sequence</u>	<u>(0008,1304)</u>	<u>3</u>	<u>Diagnoses that have been confirmed by anatomical histopathology of specimens removed from the subject.</u>  <u>One or more Items are permitted in this Sequence.</u>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>			<i>No Baseline CID is defined.</i>
...			

Attribute Name	Tag	Type	Attribute Description
Reason for Visit	(0032,1066)	3	Reason(s) for this visit by the patient to the facility or provider.  <b>Note</b>  <u>This might or might not be the same value as Admitting Diagnoses Description (0008,1080).</u>
Reason for Visit Code Sequence	(0032,1067)	3	Coded reason(s) for this visit by the patient to the facility or provider.  <b>Note</b>  <b>If an HL7 message is available with a PV2 segment corresponding to this visit, potential codes may be found in Admit Reason PV2-3.</b>  <u>This might or might not be the same codes used in Admitting Diagnoses Code Sequence (0008,1084).</u>  One or more Items are permitted in this Sequence.
>Include Table 8.8-1 "Code Sequence Macro Attributes"			No Baseline CID is defined.
...			

### C.13.2 Basic Film Session Relationship Module

Table C.13-2. Basic Film Session Relationship Module Attributes

Attribute Name	Tag	Attribute Description
...		
Proposed Study Sequence	(2130,00A0)	Attributes that may be used to identify and describe the Patient, Study and Series that are the subject of this Film Session.  Only a single Item is permitted in this Sequence.
...		
>Admitting Diagnoses Description	(0008,1080)	See Section C.7.2.2 Patient Study Module for description.
...		

### C.30.4 Unified Procedure Step Relationship Module

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

Attribute Name	Tag	Attribute Description
...		
Admitting Diagnoses Description	(0008,1080)	Description of <del>admitting diagnosis (diagnoses) for the patient</del> <u>the reason(s) the patient sought care.</u>  <b>Note</b>  <u>This may be present even if the patient is not actually admitted.</u>

Attribute Name	Tag	Attribute Description
Admitting Diagnoses Code Sequence	(0008,1084)	<p><b><u>Coded admitting diagnosis (diagnoses) for the patient. The reason(s) the patient sought care.</u></b></p> <p>Note</p> <p><b><u>This may be present even if the patient is not actually admitted.</u></b></p> <p>One or more Items shall be included in this Sequence.</p>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>		<i>No Baseline CID is defined.</i>
<b><u>Principal Diagnosis Code Sequence</u></b>	<b><u>(0008.1301)</u></b>	<p><b><u>Condition that, after investigation, was chiefly responsible for the visit.</u></b></p> <p><b><u>Only a single Item is permitted in this Sequence.</u></b></p>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>		<i>No Baseline CID is defined.</i>
<b><u>Primary Diagnosis Code Sequence</u></b>	<b><u>(0008.1302)</u></b>	<p><b><u>Most serious and/or resource-intensive condition during the visit.</u></b></p> <p><b><u>Only a single Item is permitted in this Sequence.</u></b></p> <p>Note</p> <ol style="list-style-type: none"> <li><b><u>The primary diagnosis may or may not be the same as the principal diagnosis.</u></b></li> <li><b><u>The use of the term "primary" in this context is not related to its different meaning in the context of cancer, i.e., it is not necessarily a condition that is a primary tumor, which might be encoded as the principal diagnosis, if appropriate.</u></b></li> </ol>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>		<i>No Baseline CID is defined.</i>
<b><u>Secondary Diagnoses Code Sequence</u></b>	<b><u>(0008.1303)</u></b>	<p><b><u>Conditions that coexist with the primary diagnosis, and that affect care during the visit.</u></b></p> <p><b><u>One or more Items are permitted in this Sequence.</u></b></p>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>		<i>No Baseline CID is defined.</i>
<b><u>Histological Diagnoses Code Sequence</u></b>	<b><u>(0008.1304)</u></b>	<p><b><u>Diagnoses that have been confirmed by anatomical histopathology of specimens removed from the subject.</u></b></p> <p><b><u>One or more Items are permitted in this Sequence.</u></b></p>
<i>&gt;Include Table 8.8-1 "Code Sequence Macro Attributes"</i>		<i>No Baseline CID is defined.</i>
Reason for Visit	(0032,1066)	<p>Reason(s) for this visit by the patient to the facility or provider.</p> <p>Note</p> <p><b><u>This might or might not be the same value as Admitting Diagnoses Description (0008.1080).</u></b></p>

Attribute Name	Tag	Attribute Description
Reason for Visit Code Sequence	(0032,1067)	Coded reason(s) for this visit by the patient to the facility or provider.  <b>Note</b>  <b><del>If an HL7 message is available with a PV2 segment corresponding to this visit, potential codes may be found in Admit Reason PV2-3.</del></b>  <b><u>This might or might not be the same codes used in Admitting Diagnoses Code Sequence (0008,1084).</u></b>  One or more Items are permitted in this Sequence.
>Include Table 8.8-1 "Code Sequence Macro Attributes"		No Baseline CID is defined.
...		

Amend DICOM PS3.6 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

## 6 Registry of DICOM Data Elements

Table 6-1. Registry of DICOM Data Elements

Tag	Name	Keyword	VR	VM
(0008,1080)	Admitting Diagnoses Description	AdmittingDiagnosesDescription	LO	1-n
(0008,1084)	Admitting Diagnoses Code Sequence	AdmittingDiagnosesCodeSequence	SQ	1
(0032,1066)	Reason for Visit	ReasonForVisit	UT	1
(0032,1067)	Reason for Visit Code Sequence	ReasonForVisitCodeSequence	SQ	1
<b><u>(0008,1301)</u></b>	<b><u>Principal Diagnosis Code Sequence</u></b>	<b><u>PrincipalDiagnosisCodeSequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,1302)</u></b>	<b><u>Primary Diagnosis Code Sequence</u></b>	<b><u>PrimaryDiagnosisCodeSequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,1303)</u></b>	<b><u>Secondary Diagnoses Code Sequence</u></b>	<b><u>SecondaryDiagnosesCode Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>
<b><u>(0008,1304)</u></b>	<b><u>Histological Diagnoses Code Sequence</u></b>	<b><u>HistologicalDiagnosesCode Sequence</u></b>	<b><u>SQ</u></b>	<b><u>1</u></b>

Amend DICOM PS3.15 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

Table E.1-1. Application Level Confidentiality Profile Attributes

Attribute Name	Tag	Retd. (from PS3.6)	In Std. Comp. IOD (from PS3.3)	Basic Prof.	Rtn. Safe Priv. Opt.	Rtn. UIDs Opt.	Rtn. Dev. Id. Opt.	Rtn. Inst. Id. Opt.	Rtn. Pat. Chars. Opt.	Rtn. Long. Full Dates Opt.	Rtn. Long. Modif. Dates Opt.	Clean Desc. Opt.	Clean Struct. Cont. Opt.	Clean Graph. Opt.
Admitting Diagnoses Code Sequence	(0008,1084)	N	Y	X								C		
Admitting Diagnoses Description	(0008,1080)	N	Y	X								C		
<b><u>Histological Diagnoses Code Sequence</u></b>	<b><u>(0008,1304)</u></b>	<b><u>N</u></b>	<b><u>Y</u></b>	<b><u>X</u></b>								<b><u>C</u></b>		

Attribute Name	Tag	Retd. (from PS3.6)	In Std. Comp. IOD (from PS3.3)	Basic Prof.	Rtn. Safe Priv. Opt.	Rtn. UIDs Opt.	Rtn. Dev. Id. Opt.	Rtn. Inst. Id. Opt.	Rtn. Pat. Chars. Opt.	Rtn. Long. Full Dates Opt.	Rtn. Long. Modif. Dates Opt.	Clean Desc. Opt.	Clean Struct. Cont. Opt.	Clean Graph. Opt.
<b>Primary Diagnosis Code Sequence</b>	<b>(0008.1302)</b>	<b>N</b>	<b>Y</b>	<b>X</b>								<b>C</b>		
<b>Principal Diagnosis Code Sequence</b>	<b>(0008.1301)</b>	<b>N</b>	<b>Y</b>	<b>X</b>								<b>C</b>		
Reason for Visit	(0032,1066)	N	Y	X								C		
Reason for Visit Code Sequence	(0032,1067)	N	Y	X								C		
<b>Secondary Diagnoses Code Sequence</b>	<b>(0008.1303)</b>	<b>N</b>	<b>Y</b>	<b>X</b>								<b>C</b>		

*For reference unchanged, hyperlink targets:*

## 8.8 Standard Attribute Sets for Code Sequence Attributes

Table 8.8-1. Code Sequence Macro Attributes