

DICOM Correction Proposal

STATUS	Letter Ballot
Date of Last Update	2024/01/14
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Correction Number	CP-2325
Log Summary:	PS3.10, correct DICOMDIR sample in table A.1-1
Name of Standard	PS3.10
Rationale for Correction:	<p>The DICOMDIR sample listed in PS3.10, Table A.1-1. Directory Content Example contains errors/problems.</p> <ol style="list-style-type: none"> 1. The entry at byte offset {1688} is labeled “Study 1 Directory record” – while the Directory Record Type is [PATIENT]. From the context of the described DICOMDIR “Patient” is correct and expected. So, the label should run “Patient A Directory Record”. 2. Same at byte offset {4624}, shall run “Patient B Directory Record”. 3. (Note: The entry at {6F18} is correctly labeled “Patient C Directory Record”) 4. The Patient ID used for Patient A runs [123-45-6789]. The Patient ID used for Patient B runs [354-18-9122]. The Patient ID used for Patient C runs [523-61-8765]. While 123-45-6789 looks like a dummy ID, the other both IDs look very much like real-life existing Social Security Numbers of the USA (not verified). It is not clear, if they are remains from a “true existing example”. Such should be avoided, especially regarding potential real-life person. There is no need to format those patient IDs to look like US SSN. → Patient IDs shall be replaced to IDs which look like dummy IDs at first view.
Correction Wording:	

Change PS3.10, chapter [A. Example of DICOMDIR File Content \(Informative\)](#)
[Table A.1-1. Directory Content Example](#)

1) For record {1688}, change current text “Study 1 Directory Record” to “Patient A Directory Record”, and change the Patient ID to “12345678AB”:

{1688} Item Tag	FFFE,E000	Item Data Element (includes the following Data Elements)
Study 1	0004,1400	Offset of the next Directory Record in Directory Entity {4624}
Patient A	0004,1410	Record In-use Flag [FFFFH]
Directory Record	0004,1420	Offset of Referenced Lower Level Directory Entity {1828}

	0004,1430	Directory Record Type [PATIENT]
Selection	0010,0010	Patient's Name [Patient A]
Keys	0010,0020	Patient ID [123-45-6789] [12345678AB]

...

....

2) For record {4624}, change current text "Study 1 Directory Record" to "Patient B Directory Record", and change the Patient ID to "23456789AB":

{4624} Item Tag	FFFE,E000	Item Data Element (includes the following Data Elements)
Study 1	0004,1400	Offset of the next Directory Record in Directory Entity {6F18}
Patient B	0004,1410	Record In-use Flag [FFFFH]
	0004,1420	Offset of Referenced Lower Level Directory Entity {5012} ...
Directory	...	
Record	0004,1430	Directory Record Type [PATIENT]
Selection Keys	0010,0010	Patient's Name [Patient B]
	0010,0020	Patient ID [354-18-9122] 23456789AB

3) For record {6F18}, change the Patient ID to "34567890ABC":

{6F18} Item Tag	FFFE,E000	Item Data Element (includes the following Data Elements)
Patient C	0004,1400	Offset of the next Directory Record in Directory Entity
	0004,1410	{00000000H}
Directory	0004,1420	Record In-use Flag [FFFFH]
Record	0004,1430	Offset of Referenced Lower Level Directory Entity {...}
	...	Directory Record Type [PATIENT]

Selection Keys	0010,0010	Patient Name [Patient C]
	0010,0020	Patient ID [523-61-8765] 34567890ABC
