

1	Status	Letter Ballot
2	Date of Last Update	2018/11/11
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7	Submission Date	2018/04/14

8	Correction Number CP-1820	
9	Log Summary: InConcatenationTotalNumber must be greater than one if present	
10	Name of Standard	
11	PS3.3	
12	Rationale for Correction:	
13	If InConcatenationTotalNumber is less than one, then by definition there is no concatenation.	
14	Correction Wording:	

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

C.7.6.16 Multi-frame Functional Groups Module

Table C.7.6.16-1. Multi-frame Functional Groups Module Attributes

Attribute Name	Tag	Type	Attribute Description
...
Concatenation Frame Offset Number	(0020,9228)	1C	Offset of the first frame in a multi-frame image of a concatenation. Logical frame numbers in a concatenation can be used across all its SOP instances. This offset can be applied to the implicit frame number to find the logical frame number in a concatenation. The offset is numbered from zero; i.e., the instance of a concatenation that begins with the first frame of the concatenation has a Concatenation Frame Offset Number (0020,9228) of zero. Required if Concatenation UID (0020,9161) is present.
Representative Frame Number	(0028,6010)	3	The frame number selected for use as a pictorial representation (e.g., icon) of the multi-frame Image.
Concatenation UID	(0020,9161)	1C	Identifier of all SOP Instances that belong to the same concatenation. Required if a group of multi-frame image SOP Instances within a Series are part of a Concatenation.
SOP Instance UID of Concatenation Source	(0020,0242)	1C	The SOP Instance UID of the single composite SOP Instance of which the Concatenation is a part. All SOP Instances of a concatenation shall use the same value for this Attribute, see Section C.7.6.16.1.3. Note May be used to reference the entire instance rather than individual instances of the concatenation, which may be transient (e.g., from a presentation state). Required if Concatenation UID (0020,9161) is present.
In-concatenation Number	(0020,9162)	1C	Identifier for one SOP Instance belonging to a concatenation. See Section C.7.6.16.2.2.4 for further specification. The first instance in a concatenation (that with the lowest Concatenation Frame Offset Number (0020,9228) value) shall have an In-concatenation Number (0020,9162) value of 1, and subsequent instances shall have values monotonically increasing by 1. Required if Concatenation UID (0020,9161) is present.
In-concatenation Total Number	(0020,9163)	3	The number of SOP Instances sharing the same Concatenation UID. <u>If present, shall have a value greater than one.</u>