

DICOM Correction Item

Correction Number		CP-959
Log Summary: Correct name of Number of Points in Surface		
Type of Modification	Name of Standard	
Correction	PS 3.3, 3.6, 3.17 - 2008 + Sup 132	
Rationale for Correction		
The name of (0066,0015) used in Sup 132 has already been used in the Curve Module for (5000,0010) and needs to be distinct.		
Sections of documents affected		
PS 3.3 C.X.1, C.X.2		
PS 3.6 Section 6		
PS 3.17 X.2		
Correction Wording:		

In PS 3.3, Modify the following attribute name in Table C.X-1:

C.X.1 Surface Mesh Module

...

**Table C.X-1
 SURFACE MESH MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
>Surface Points Normals Sequence	(0066,0012)	2	The normals on the surface for each point. Only one item shall be permitted in the sequence. See C.X.1.1.6.
>>Include 'Vectors Macro' Table C.X-3			<i>The Number of Vectors (0066,001E) shall equal Number of Surface Points (0066,0015) in this Surface Sequence Item..</i> <i>The Vector Dimensionality (0066,001F) shall be 3.</i> <i>If Finite Volume (0066,000e) is YES, the normals of the vertices shall point toward the outside of the object. If Finite Volume (0066,000e) is not YES, the direction of the normals shall be consistent where possible.</i>
>Surface Mesh Primitives Sequence	(0066,0013)	1	Only one item shall be permitted in the sequence.

>>Include 'Surface Mesh Primitives Macro Table' C.X-4	The primitives' indices shall not exceed Number of Surface Points (0066,0015) in this Surface Sequence Item..
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In PS 3.3, Modify the following attribute name in Table C.X-2:

C.X.2 Points Macro

...

**Table C.X-2
 POINTS MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Number of Surface Points	(0066,0015)	1	Specifies the number of points in the point set.

In PS 3.6, Modify Section 6 at the following tag:

Tag	Name	VR	VM
(0066,0015)	Number of Surface Points	UL	1

In PS 3.17, Modify the following attribute name in Table X.2-1:

Figure X.2-1 – Surface Mesh Tetrahedron

Tag	Name	Value (Note: When the actual values are binary a text string is shown.)	Comment
...			
(0066,0011)	Surface Points Sequence		
(0066,0015)	Number Of Surface Points	4	
(0066,0016)	Point Coordinates Data	-5.\-3.727\ -4.757\ 5.\-3.707\ -4.757\ 0.\7.454\ -4.757\ 0.\0.\8.315	4 triplets. The points are marked a,b,c,d in the sketch.