

# DICOM Correction Proposal

STATUS	Letter Ballot
Date of Last Update	2024/01/14
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Correction Number	CP-2314
Log Summary:	Clarify units of Vector Grid Data
Name of Standard.	PS3.3
Rationale for Correction:	Some confusion appears to exist regarding whether the Vector Grid Data (0064,0009) in the Deformable Spatial Registration Module is encoded in mm or voxels.
Correction Wording:	

*In PS3.3, section C.20.3 Deformable Spatial Registration Module, update the following text*

## C.20.3 Deformable Spatial Registration Module

**Table C.20.3-1. Deformable Spatial Registration Module Attributes**

Attribute Name	Tag	Type	Attribute Description
>>Vector Grid Data	(0064,0009)	1	A data stream of vectors <b>describing the direction and magnitude of the deformation in mm</b> . See <a href="#">Section C.20.3.1.3</a> for further explanation.

*In PS3.3, section C.20.3.1.3 Vector Grid Data update the following text*

### C.20.3.1.3 Vector Grid Data

Vector Grid Data (0064,0009) contains the vector data. Each voxel in Vector Grid Data (0064,0009) is represented by an

$$[\Delta X_{ijk} \ \Delta Y_{ijk} \ \Delta Z_{ijk}]$$

vector. The vector describes the direction and magnitude of the deformation (**in mm**) at the center of the deformation voxel.

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