

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2015/11/11
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Correction Number	CP-1452
Log Summary:	Correct Recommended Presentation Opacity explanation
Name of Standard	PS3.3 2015c
Rationale for Correction:	<p>The Recommended Presentation Opacity (0066,000C) attribute is defined as opacity. This is well aligned with standard programs used in graphic modelling (see http://www.techterms.com/definition/opacity)</p> <p>In PS 3.3 section C.27.1.1.3, the explanation of the “Recommended Presentation” refers to a “percentage of transmission” for the named attribute contents.</p> <p>This is not correct, as the transmission is the inverse of opacity. A value of 1.0, representing 100%, is to be interpreted as “100% opacity”, meaning the related surface is displayed opaque.</p> <p><i>[Ballot Comment: GE: Defining “opacity” as “opaqueness” is not helpful, and if the value is between 0.0 and 1.0 it is not a percentage, it’s a proportion. - Done.]</i></p>
Correction Wording:	<p>The explanation needs to be corrected to align interpretation of values with the attribute name.</p>

Correct PS3.3 Section C.27.1.1.3 Recommended Presentation, 1st paragraph

C.27.1.1.3 Recommended Presentation

Recommended Presentation Opacity (0066,000C) is a fraction between 0.0 and 1.0 encoded as a float value representing the ~~percentage of transmission through~~ **blending proportion of the rendering of the surface relative to underlying features**.

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