

DICOM Correction Proposal

STATUS	Submitted
Date of Last Update	2016/11/07
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Correction Number	CP-1642
Log Summary: Change multiplicity for Ophthalmic Axial Length Measurements Segmental Length Sequence	
Name of Standard PS 3 2016d	
<p>Rationale for Correction:</p> <p>Ophthalmic Axial Measurements IOD provides ability to store Ophthalmic Axial Length Measurements of type TOTAL LENGTH, LENGTH SUMMATION or SEGMENTAL LENGTH. For each type of measurements a specific sequence is provided:</p> <ul style="list-style-type: none"> • Ophthalmic Axial Length Measurements Total Length Sequence (0022,1210) • Ophthalmic Axial Length Measurements Length Summation Sequence (0022,1212) • Ophthalmic Axial Length Measurements Segmental Length Sequence (0022,1211) <p>Both Total Length sequence and Length Summation sequence are defined to contain one or more items. However Segmental Length Sequence is specified to contain only a single item.</p> <p>As typically a total ophthalmic axial length can be defined by its several individual segments like cornea thickness, anterior chamber depth, lens thickness, and vitreous cavity depth it is important to specify more than a single segment in Ophthalmic Axial Length Measurements Segmental Length Sequence (0022,1211).</p> <p>Section C.8.25.14.1.1.4 furthermore specifies:</p> <p><i>Each segment of the eye that is measured shall be identified by the Ophthalmic Axial Length Measurements Segment Name Code Sequence (0022,1101).</i></p> <p>For these reasons the definition for Ophthalmic Axial Length Measurements Segmental Length Sequence (0022,1211) should be changed to "One or more Items shall be included in this Sequence."</p>	
Correction Wording:	

<p><i>Change multiplicity specification for Ophthalmic Axial Length Measurements Segmental Length Sequence (0022,1211) to "One or more Items shall be included in this Sequence." In Table C.8.25.14-2</i></p>
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Table C.8.25.14-2. Ophthalmic Axial Length Measurements Macro Attributes

Attribute Name	Tag	Type	Attribute Description
...			
Ophthalmic Axial Length Measurements Sequence	(0022,1050)	1	<p>Measurements of the axial length of a patient's eye.</p> <p>One or more Items shall be included in this Sequence.</p>
...			
>Ophthalmic Axial Length Measurements Segmental Length Sequence	(0022,1211)	1C	<p>Segmental axial length measurement of a patient's eye.</p> <p>Only a single Item shall be included in this Sequence.</p> <p><u>One or more Items shall be included in this Sequence.</u></p> <p>Required if Ophthalmic Axial Length Measurements Type (0022,1010) is SEGMENTAL LENGTH.</p> <p>See Section C.8.25.14.1.1.4 for further explanation.</p>
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