

# DICOM Correction Proposal

STATUS	Letter Ballot
Date of Last Update	2023/03/23
Person Assigned	Kevin O'Donnell
Submitter Name	Kevin O'Donnell
Submission Date	2022/04/08

Correction Number	CP-2256
Log Summary:	Drop 16-segment model of myocardium
Name of Standard	PS3.16
Rationale for Correction:	<p>CP2138 Re-factored the myocardium segment codes and added the 18-segment model and 16-segment model to the existing 17-segment model.</p> <p>The 17-segment model has been used across modalities for many years and continues to be used. It includes a segment for the apical cap and models the apical ring as 4 segments.</p> <p>The 18-segment model is needed to handle longitudinal strain patterns. Compared to the 17-segment model it drops the apical cap and refactors the apical ring into 6 radial segments like the other two rings.</p> <p>The 16-segment model drops the apical cap and keeps the 4 segment model for the apical ring. This was requested by the cardiology community, but on additional reflection, there is not a good use case driver.</p> <p>It is proposed to retract/remove/retire the 16-segment model to minimize potential divergent encoding variants.</p>
Correction Wording:	<p><i>Modify CID 3780 Left Ventricle Myocardial Wall 16 Segments with the following</i></p>

## CID 3780 Left Ventricle Myocardial Wall 16 Segment Model (Retired)

**This Context Group is retired. See PS3.16-20xx.**

~~This 16-segment model of left ventricular myocardial wall segments uses the terminology specified in [Voigt 2015].~~

**Resources:** ~~HTML | FHIR JSON | FHIR XML | IHE SVS XML~~  
**Keyword:** ~~LeftVentricleMyocardialWall16SegmentModel~~  
**FHIR Keyword:** ~~dicom-cid-3780-LeftVentricleMyocardialWall16SegmentModel~~  
**Type:** ~~Extensible~~  
**Version:** ~~20210904~~  
**UID:** ~~1.2.840.10008.6.1.1412~~

**~~Table CID 3780. Left Ventricle Myocardial Wall 16 Segment Model~~**

<del>Coding Scheme Designator</del>	<del>Code Value</del>	<del>Code Meaning</del>	<del>SNOMED-RT ID</del>	<del>UMLS Concept Unique ID</del>
<del>Include CID 3782 "Left Ventricle Basal Wall 6 Segments"</del>				
<del>Include CID 3783 "Left Ventricle Midlevel Wall 6 Segments"</del>				
<del>Include CID 3784 "Left Ventricle Apical Wall 4 Segments"</del>				