

1	STATUS	Assigned
2	Date of Last Update	2016/03/18
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5	Submitter Name	QIICR
6	Submission Date	2016/03/05

7	Correction Number CP-1592	
8	Log Summary: Add codes for prostatic segmental anatomy	
9	Name of Standard	
10	PS3.16	
11	Rationale for Correction:	
12	Prostate lesions are localized on MRI and described using reporting systems like PI-RADS that standardize the features, locations and recommended action.	
13		
14	PI-RADS and the European Consensus Meeting guidelines that preceded it define the segmental anatomy of the prostate and standard codes for these are being defined in FMA and SNOMED and are needed in DICOM to support description of lesions as regions of interest using segmentations and TID 1500 measurement structured reports.	
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16		
17	<i>[Ed. Note. Separate context groups for each of the different models are described so as to provide a single value set for each model, even though there is considerable overlap and replication. The context groups will be populated completely and SNOMED and FMA codes will be provided when they are defined (work in progress).]</i>	
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19		
20	Correction Wording:	

Amend DICOM PS 3.16 to add the following new sections and context groups:

2 Normative References

2.20 Prostate Reporting Terminology and Nomenclature

The Prostate Imaging and Report and Data System Version 2 (PI-RADS v2) is a joint effort of the European Society of Urogenital Radiology, the American College of Radiology and the AdMetech Foundation.

[PI-RADS] *Eur Urol*. Weinreb JC, Barentsz JO, Choyke PL, Cornud F, Haider MA, Macura KJ, Margolis, D, Schnall, MD, Shtern, F, Tempany, CM., Thoeny, HC, and Verma, S. 2016/01. 69. 1. 16-40. "PI-RADS Prostate Imaging - Reporting and Data System: 2015, Version 2". 10.1016/j.eururo.2015.08.052. <http://www.europeanurology.com/article/S0302-2838%2815%2900848-9/fulltext/pi-rads-prostate-imaging-reporting-and-data-system-2015-version-2> .

Note

PI-RADS is also available from the following sources:

- American College of Radiology: <http://www.acr.org/~media/ACR/Documents/PDF/QualitySafety/Resources/PIRADS/PIRADS%20V2.pdf>

[biblio_ProstateEuConcensus] *Eur Urol*. Dickinson L, Ahmed HU., Allen C, Barentsz JO, Carey B, Futterer JJ, Heijmink SW, Hoskin PJ, Kirkham A, and Padhani AR. 2011. 59. 4. 477-94. "Magnetic resonance imaging for the detection, localisation, and characterisation of prostate cancer: recommendations from a European consensus meeting". [http://www.europeanurology.com/article/S0302-2838\(10\)01187-5/pdf/Magnetic+Resonance+Imaging+for+the+Detection,+Localisation,+and+Characterisation+of+Prostate+Cancer%3A+Recommendations+from+a+European+Consensus+Meeting](http://www.europeanurology.com/article/S0302-2838(10)01187-5/pdf/Magnetic+Resonance+Imaging+for+the+Detection,+Localisation,+and+Characterisation+of+Prostate+Cancer%3A+Recommendations+from+a+European+Consensus+Meeting) .

CID n000 Prostate Segmental Anatomy

Note

In future extensions, Overall Breast Composition terms that are not derived from PR-RADS should be added to this context group.

Type: Extensible
Version: yyyyymmdd

Table CID n000. Prostate Segmental Anatomy

Coding Scheme Designator	Code Value	Code Meaning
		Include CID n001 "Prostate Segmental Anatomy from PI-RADS"
		Include CID n002 "Prostate Segmental Anatomy from European Concensus 16 Segment Model"
		Include CID n003 "Prostate Segmental Anatomy from European Concensus 27 Segment Model"

CID n001 Prostate Segmental Anatomy from PI-RADS

Note

From [PI-RADS].

Type: Extensible
Version: yyyyymmdd

Table CID 6001. Prostate Segmental Anatomy from PI-RADS

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	FMA ID	PI-RADS Abbreviation
		Right part of basal part of anterior fibromuscular stroma of prostate				Base R AS
		Anterior part of right side of basal part of transition zone of prostate				Base R TZa

CID n002 Prostate Segmental Anatomy from European Consensus 16 Segment Model**Note**

From [biblio_ProstateEuConsensus].

Type: Extensible
Version: yyyyymmdd

Table CID n002. Prostate Segmental Anatomy from European Consensus 16 Segment Model

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	FMA ID	16 Segment Code
		Right side of basal part of transition zone of prostate				1a

CID n003 Prostate Segmental Anatomy from European Consensus 27 Segment Model**Note**

From [biblio_ProstateEuConsensus].

Type: Extensible
Version: yyyyymmdd

Table CID n003. Prostate Segmental Anatomy from European Consensus 27 Segment Model

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	FMA ID	27 Segment Code
		Basal part of anterior fibromuscular stroma of prostate			302539	13as
		Right side of basal part of transition zone of prostate				1a