Correction Number CP-1592

Log Summary: Add codes for prostatic segmental anatomy

Name of Standard

PS3.16

Rationale for Correction:

Prostate lesions are localized on MRI and described using reporting systems like PI-RADS that standardize the features, locations and recommended action.

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.

[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).]

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.


Note

PI-RADS is also available from the following sources:


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

<table>
<thead>
<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include CID n001 “Prostate Segmental Anatomy from PI-RADS”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Include CID n002 “Prostate Segmental Anatomy from European Consensus 16 Segment Model”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Include CID n003 “Prostate Segmental Anatomy from European Consensus 27 Segment Model”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CID n001 Prostate Segmental Anatomy from PI-RADS

Note

From [PI-RADS].

Type: Extensible
Version: yyyyymmdd

- Assigned -
### Table CID 6001. Prostate Segmental Anatomy from PI-RADS

<table>
<thead>
<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
<th>SNOMED-CT Concept ID</th>
<th>UMLS Concept Unique ID</th>
<th>FMA ID</th>
<th>PI-RADS Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Right part of basal part of anterior fibromuscular stroma of prostate</td>
<td></td>
<td></td>
<td></td>
<td>Base R AS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Anterior part of right side of basal part of transition zone of prostate</td>
<td></td>
<td></td>
<td></td>
<td>Base R TZa</td>
</tr>
</tbody>
</table>

### CID n002 Prostate Segmental Anatomy from European Concensus 16 Segment Model

**Note**

From [biblio_ProstateEuConcensus].

**Type:** Extensible  
**Version:** yyyyymmdd

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

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<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
<th>SNOMED-CT Concept ID</th>
<th>UMLS Concept Unique ID</th>
<th>FMA ID</th>
<th>16 Segment Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Right side of basal part of transition zone of prostate</td>
<td></td>
<td></td>
<td></td>
<td>1a</td>
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</tbody>
</table>

### CID n003 Prostate Segmental Anatomy from European Concensus 27 Segment Model

**Note**

From [biblio_ProstateEuConcensus].

**Type:** Extensible  
**Version:** yyyyymmdd

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

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<tr>
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<th>Code Value</th>
<th>Code Meaning</th>
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<th>UMLS Concept Unique ID</th>
<th>FMA ID</th>
<th>27 Segment Code</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Basal part of anterior fibromuscular stroma of prostate</td>
<td></td>
<td></td>
<td>302539</td>
<td>13as</td>
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<tr>
<td></td>
<td></td>
<td>Right side of basal part of transition zone of prostate</td>
<td></td>
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<td></td>
<td>1a</td>
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</tbody>
</table>