

# DICOM Change Proposal

STATUS	Assigned
Date of Last Update	2025-06-17
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Submission Date	2025-06-13

Change Number	CP-2549									
Log Summary: Rework of PS3.16 Table L-5 paired, unpaired organs										
Name of Standard PS3.16										
<p><b>Rationale for Change:</b></p> <p><a href="#">PS3.16 Table L-5. Pairedness of Anatomic Concepts</a> has several entries to be questioned.</p> <p><b>1) Kidney</b></p> <p>“Kidney” (German: “Niere”) as a Paired Structure = “N”,          “Adrenal gland” (German: “Neben-Niere“) as a Paired Structure = “Y”.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SNOMED Code Value</th> <th style="text-align: center;">Code Meaning</th> <th style="text-align: center;">Paired Structure</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">64033007</td> <td style="text-align: center;">Kidney</td> <td style="text-align: center;"><b>N</b></td> </tr> <tr> <td style="text-align: center;">23451007</td> <td style="text-align: center;">Adrenal gland</td> <td style="text-align: center;"><b>Y</b></td> </tr> </tbody> </table> <p>The SNOMED Code 64033007   Kidney structure (body structure) has children for:</p> <ul style="list-style-type: none"> <li>181414000   Entire kidney (body structure)               <ul style="list-style-type: none"> <li>362209008   Entire left kidney (body structure)</li> <li>362208000   Entire right kidney (body structure)</li> </ul> </li> <li>18639004   Left kidney structure (body structure)</li> <li>9846003   Right kidney structure (body structure)</li> </ul> <p>The “N” for Kidney seems to be wrong. Especially in the context of the chosen SNOMED code.</p>		SNOMED Code Value	Code Meaning	Paired Structure	64033007	Kidney	<b>N</b>	23451007	Adrenal gland	<b>Y</b>
SNOMED Code Value	Code Meaning	Paired Structure								
64033007	Kidney	<b>N</b>								
23451007	Adrenal gland	<b>Y</b>								

**2) Futher codes in Table L-5 with “Paired Structure” in question**

SNOMED Code Value	Code Meaning	Paired Structure
<a href="#">113305005</a>	Cerebellum	Y
<a href="#">58602004</a>	Flank	N
<a href="#">34516001</a>	Ilium	Y
<a href="#">64739004</a>	Seminal vesicle	N

Comment by submitter
SNOMED Code has no children for left/right – but it has organ parts that are different to left/right.
SNOMED Code has children: 362673003 Entire flank (body structure) 1290341006 Structure of left flank (body structure) 1290340007 Structure of right flank (body structure)
SNOMED Code has no children for left/righ – but has organ parts that are different to left/right.
SNOMED Code has children: 181434004 Entire seminal vesicle (body structure) 42320003 Structure of left seminal vesicle (body structure) 74308000 Structure of right seminal vesicle (body structure)

**TBD. Add SCT: 6566002 cerebellar hemisphere (paired) to CID 7153 CNS Segmentation Type, and include as a paired structure in L-5.**

**Change Wording:**

**Modify PS3.16, Table L-5. Pairedness of Anatomic Concepts**

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SNOMED Code Value	Code Meaning	Paired Structure
<a href="#">64033007</a>	Kidney	<del>N</del> Y
<a href="#">113305005</a>	Cerebellum	<del>Y</del> N
<a href="#">58602004</a>	Flank	<del>N</del> Y
<a href="#">34516001</a>	Ilium	<del>Y</del> N
<a href="#">64739004</a>	Seminal vesicle	<del>N</del> Y
<a href="#">42695009</a>	Thalamus	<del>Y</del> N