

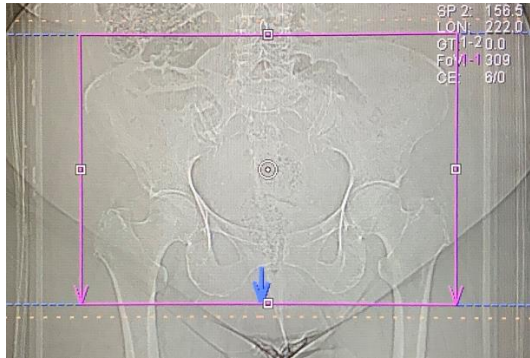
PELVIS CT SCAN FOR 3D SURGICAL PLANNING

This study will allow the segmentation of relevant anatomical regions for the development of surgical guides and customised implants.

The request shall be coded with the name LAB3D.

Region to study	Complete pelvis and proximal femur
Position of the patient	Supine position, head first
Centring	Proximal third of femur

Acquisition

Acquisition protocol	3D Pelvis
Region to be studied (topogram)	Complete pelvis and proximal femur
Field Of View (FOV)	<p>Adjust the FOV so that it does not cut off any anatomical region, making sure to include both hemipelvis. Only bony regions are of interest, so it is unnecessary to include soft parts.</p> 
Acquisition	32x1.2
Detector collimation	1.00-1.50
Pitch	≤ 1
Automated exposure control	Activated
Rotation time	≤ 1s

MPR (Multi Planar Reconstruction)	Reconstruction in the three planes of the complete study without distinguishing the hemipelvis.
Reconstruction algorithm	Single soft parts window
Cutting thickness MPR	1.5mm
Cutting increase	0.50-0.75mm (50% overlap)

For any classification or new suggestions, please contact us:

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CT SCAN PROTOCOL Bony Pelvis. (2021) – Materialise

https://www.materialise.com/system/files/uploads/resources/Scan%20protocols/L-30579_03_Scan_Protocol_aMace_EN.pdf