

WRIST CT SCAN FOR PERCUTANEOUS SCAPHOID SURGERY


(SCAPHIX)

This is a study of the hand, wrist and forearm will allow segmentation of the relevant anatomical regions for the development of surgical guides and customised implants.

The request shall be coded with the name LAB3D.

Acquisition

Region to study	Scaphoid
Position of the patient	Prone position, head first
Centring	Distal third of the forearm

Acquisition protocol	3D Scaphoid
Region to be studied (topogram)	Desde falange distal hasta tercio distal radial (ambos incluidos).
Field Of View (FOV)	<p>Adjust the FOV so that it does not cut off any anatomical region, making sure to include ulna, radius, carpus and hand by taking metacarpals from the distal phalanx of the first finfer. Only bony regions are of interest, so it is unnecessary to include soft parts.</p> 
Acquisition	512x512
Detector collimation	0.625 mm
Pitch	≤ 1
Automated exposure control	90-120 or higher if metal or obese person
Rotation time	Activated
Acquisition	≤ 1s

Reconstruction

MPR (Multi Planar Reconstruction)	Reconstruction in the three planes of the complete study.
Reconstruction algorithm	Single soft parts window
Cutting thickness MPR	0.625 mm

For any classification or new suggestions, please contact us:

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CT SCAN PROTOCOL Upper extremity. (2021) – Materialise

https://www.materialise.com/system/files/uploads/resources/Scan%20protocols/L-102000_Scan%20Protocol_Osteotomies_UE.pdf