

Mandibular Reconstruction CT Scanning Protocol



precise
BONESMART TECHNOLOGY

PRE-BENT CT SCANNING PROTOCOL

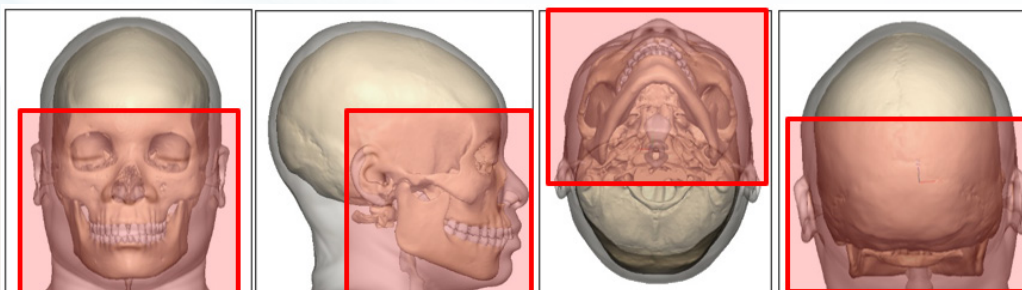
The quality of the CT scan is the most important aspect of creating case-specific anatomical models and prostheses.

Your adherence to the guidelines is greatly appreciated

Please keep the following key points in mind:

Preferred Scanning Parameter	
Gantry Tilt	0 °
Slice Thickness	≤ 1mm
Patient Positioning	Teeth need to be in centric occlusion
If possible, avoid straps, masks, tubes etc.	Minimise soft tissue distortion, but still avoid any movement during the scan.
Field of View (FOV)*	Minimum FOV* as below images (bony and soft tissue)
Pitch	1:1
Algorithm	GE: Standard (not bone or detail) Phillips: B Siemens: H30s Toshiba: FC20
Image Data	Axial slices only
Data Collection	Raw DICOM Format (no reconstruction, no reformatting and uncompressed)
Export	www.wetransfer.com www.dropbox.com DVD USB Memory Stick

Minimum FOV* (Bony and Soft Tissue):



Please do not hesitate to contact PRECISE with any questions or prior to using this protocol: