

CT Scanning Protocol for Cranioplasty and Maxillofacial Implants

- Position the patient's head in the headrest making sure that the patient does not move during the scan (this is to avoid movement artefacts in the scan)
- Scan the defect and at least 2cm of the surrounding tissue, using contiguous sequential approximately 1mm-thick slices. If using a CBCT scanner for scanning a one-sided defect, please ensure that the field of view is large enough to include both sides of the head (this is to achieve as good an outcome as possible post-operatively)
- If possible, do not use gantry tilt, unless to avoid critical structures that do not need imaging
- For orbital floor or wall defect, it is very important to use the thinnest contiguous slices that the scanner can achieve to be able to image correctly the bone still present in this area
- Send us the scan, in DICOM format, via our FTP server or on a DICOM CD. On your request, it is also possible for us to collect the data from your IT network. Your IT manager can contact us directly regarding this facility.

Do not hesitate to contact us if you have any queries about scanning or data transfer – better before the patient is scanned but never too late!