

"STEALTH" 'Minimalist' Standard CT notes:

STEALTH CT PROTOCOL: Scan patients for StealthStationR System cranial surgeries using the following CT parameters:

- Contiguous, non-overlapping slices
- **Axial slices** (helical scans are also acceptable, but axial scans are preferred)
- Slice thickness in the range of **1.0mm to 3.0mm**.
- Constant slice thickness
- Square image matrix (512 x 512)
- Square pixels
- Standard soft tissue algorithm
- Circular (or square) FOV . the smallest FOV to encompass the region of interest
- ***Include the hard palate, tip of the nose, the ears, the top of the head, and all fiducial markers***
- ***No gantry tilt***
- If using the FAZER. device to register the patient, make sure to include the tip of the nose in the scan
- Contrast agents may be injected before scanning
- Separate the patient's head from the scanner headrest with towels or foam

"STEALTH" 'Minimalist' Standard MR notes:

STEALTH MR Protocol: Scan patients for StealthStationR System cranial surgeries using the following MR parameters:

- Contiguous, non-overlapping slices
- **Axial slices** (if 3D acquisition is used, reformat the scan to 1mm axial slices)
- Slice thickness in the range **1.0mm to 3.0mm**.
- Constant slice thickness
- No interleaving
- Circular (or square) FOV . the smallest FOV to encompass the region of interest, i.e. whole head; upper pallet to top of head
- ***Include the hard palate, tip of the nose, the ears, the top of the head, and all fiducial markers***
- Square image matrix (256 x 256 or 512 x 512)
- Square pixels
- ***No oblique slices***
- Single-echo: no multi-echo scans
- If using the FAZER. Device to register the patient, make sure to include the tip of the nose in the scan
- Contrast agents may be injected before scanning
- Separate the patient's head from the scanner headrest with towels or foam
- If available, archive the image data in an uncompressed file format