

Framed Stereotactic Bilateral Deep Brain Stimulator Placement



Case Details

- 58 year old male undergoing bilateral lead placement to control medically resistant symptoms of Parkinson's Disease
- Rigid fixation and surgical navigation using a Leksell® Coordinate Frame G Stereotactic system

BodyTom® Intraoperative Use

- Initial intraoperative CT was acquired and immediately transferred to surgical planning station for calculation of target conditions
- Sterile drape applied to BodyTom to maintain the surgical barrier
- Final intraoperative CT was acquired to confirm placement
- Total scanning process took less than 15 minutes, including draping, scanning, and image transfer to the navigation system

Clinical Benefits

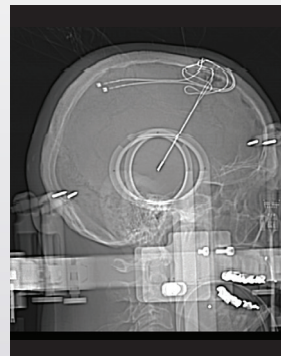
- CT scans were acquired directly in the operating room, minimizing disruption due to patient transport
- Pre-operative target plan was compared directly with actual placement prior to removing patient from the operating room
- Intraoperative CT allows for the procedure to be conducted while the patient is fully or partially sedated



Pre-op CT Scan



Intra-op Confirmation



Low dose scout scan

