⬚ Operative Time Metrics

Operative time metrics are standardized time intervals recorded during surgical procedures. They are used to evaluate **efficiency**, **workflow**, and **resource utilization** in the operating room.

⬚ Common Metrics

Metric	Description
Skin-to-skin time	Time from initial incision to final closure
Total OR time	From patient entry to exit from the operating room
Setup time	Includes patient positioning, draping, and equipment preparation
Anesthesia time	From anesthesia induction to emergence/extubation
Robot docking time	Specific to robotic surgery; time to align and prepare robotic system
Intraoperative imaging time	Time dedicated to CT, MRI, or fluoroscopy during the procedure
Procedure-specific steps	Time for key tasks (e.g., burr hole to DBS lead fixation)

⬚ Applications

- Compare techniques (e.g., frame-based vs. frameless DBS)
- Track impact of new technology or workflow optimization
- Identify causes of OR delays or prolonged procedures
- Justify resource allocation and efficiency audits

⚠ Notes

- All times should be recorded using **synchronized time points**
- Ensure consistency across teams and procedures

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