

CEReBral AutorEgulation in Non-cardiac SuRgery and Relationship to Postoperative DeliriUm State

NCT06133842

Status RECRUITING
Sponsor Beth Israel Deaconess Medical Center
Enrollment 100 participants

Key Eligibility Criteria

Inclusion (2)

- Age e 60 years
- Undergoing any non-cardiac surgeries including but not limited to vascular, hepatobiliary, or complex spine surgeries requiring general anesthesia with arterial catheterization for monitoring

Exclusion (5)

- Non-English speaking (Justification: cognitive assessment instruments are not validated in a sufficient range of languages, and the research team lacks polylingual capabilities or the financial resources to hire interpreters for the duration of all proposed assessments.)
- Cognitive impairment as defined by total MoCA score ≤ 10 (justification: baseline cognitive dysfunction will confound primary outcome measure)
- Significant visual impairment (justification: will be difficult for patients to draw individual components in MOCA score)
- Emergent surgery (justification: insufficient time to initiate intervention)
- History of stroke within the last 3 months (justification: cognitive dysfunction secondary to stroke can confound outcome measures)

Locations (1 total)

Beth Israel Deaconess Medical Center, Boston, Massachusetts, United States