Enrolled n = 110

Allocated to Desflurane n = 55
Received allocated intervention n = 44
- Clinician reallocated to Sevoflurane (n=5)
- Local or regional anesthesia (n=4)
- Consent withdrawn (n=1)
- Abnormal baseline MMSE (n=1)

Allocated to Sevoflurane n = 55
Received allocated intervention n = 56
+ Clinician reassigned from Desflurane (n=5)
- Local or regional anesthesia (n=3)
- Consent withdrawn (n=1)
- Abnormal baseline MMSE (n=1)

Lost to follow up n = 6
- Unable to obtain 6 hour MMSE prior to 10 PM (n=5)
- Comorbid condition prevented MMSE (n=1)

Lost to follow up n = 3
- Unable to obtain 6 hour MMSE prior to 10 PM (n=1)
- Comorbid condition prevented MMSE (n=1)
- Withdrew consent after surgery (n=1)

Analyzed n = 37
Excluded from analysis n = 1
- Data capture failure (n=1)

Analyzed n = 47
Excluded from analysis n = 5
- Data capture failure (n=2)
- Sedative medication in recovery room (n=3)
  [midazolam; morphine; promethazine; n=1 each]