

## Appendix A

### a. ENGAGES Inclusion and Exclusion Criteria

#### Inclusion:

1. Adults older than 60;
2. competent to provide informed consent;
3. undergoing major elective surgery requiring a minimum stay of 2 days postoperatively (e.g., major open cardiac, thoracic, vascular, intra-abdominal, gynecologic, urologic, orthopedic, hepato-biliary and ear, nose and throat surgery);
4. enrolled in the SATISFY-SOS study

#### Exclusion:

1. Unable to provide informed consent;
2. undergoing neurosurgical procedures;
3. preoperative delirium;
4. unable to participate adequately in delirium screening including those who are blind, deaf, illiterate or not fluent in English;
5. history of intraoperative awareness;
6. additional surgery planned within five days of index surgery

### b. SATISFY-SOS Inclusion and Exclusion Criteria

#### Inclusion:

1. Surgical and procedural patients who require anesthesia services

#### Exclusion:

1. Patients under the age of 18 years