## Baseline Form

### [1-1] Date of operation: ____________
Only week (not full date) collected on REDCap

### [1-2] Age at surgery:
- [a] 0-4 weeks;
- [b] 5-52 weeks;
- [c] 1-4y;
- [d] 5-9y;
- [e] 10-17y;
- [f] 18-29y;
- [g] 30-39y;
- [h] 40-49y;
- [i] 50-59y;
- [j] 60-69y;
- [k] 70-79y;
- [l] 80-89y;
- [m] ≥90y

### [1-3] Sex
- [a] Female
- [b] Male

### [1-4] Revised Cardiac Risk Index
*Please tick all that apply*
- [a] History of ischemic heart disease
- [b] History of congestive heart failure
- [c] History of cerebrovascular disease
- [d] Diabetes mellitus (type 1 or type 2)
- [e] Pre-operative creatinine >2 mg/dL / 176.8µmol/L
- [f] None of the above

### [1-5] ASA
- [a] Grade 1
- [b] Grade 2
- [c] Grade 3
- [d] Grade 4
- [e] Grade 5

### [1-6] Preoperative respiratory support
- [a] None
- [b] Supplemental oxygen only
- [c] Non-invasive ventilation
- [d] Mechanical ventilation

### [1-7] Was the patient given VTE prophylaxis? *Please tick all that apply*
- [a] Mechanical prophylaxis
- [b] Pharmacological prophylaxis
- [c] None of the above

## SARS-CoV-2 Form

### [2-1] Was the patient operated in a segregated COVID-19 free surgical pathway?
- [a] No
- [b] Yes – segregated pathway in a hospital that DOES admit COVID-19 patients
- [c] Yes – segregated pathway in a hospital that does NOT admit COVID-19 patients

### [2-2] Preoperative screening tests in the 7 days before surgery? *Please tick all that apply*
- [a] SARS-CoV-2 swab (PCR) test
- [b] Rapid antigen test (e.g. lateral flow test)
- [c] None of the above

- [a] Preoperative diagnosis (up to 7 days before surgery)
- [b] Postoperative diagnosis (within 30 days after surgery)

### [2-4] Method of SARS-CoV-2 diagnosis *Please tick all that apply*
- [a] SARS-CoV-2 PCR swab
- [b] Rapid antigen test (e.g. lateral flow test)

### [2-5] Confirmed or suspected SARS-CoV-2 variant
- [a] Alpha
- [b] Beta
- [c] Gamma
- [d] Delta
- [e] Omicron
- [f] Other
- [g] Not known

### [2-6] Has the patient had a positive SARS-CoV-2 PCR swab or rapid antigen test more than 7 days before surgery?
- [a] No
- [b] Yes

*If yes: Timing of most recent positive test more than 7 days before surgery*
- <2 weeks | 2-6 weeks | 7 weeks - 4 months | 5-6 months | 7-8 months | 9+ months

### [2-7] Has the patient had COVID-19 vaccination?
- [a] No
- [b] Yes

*If yes: (a) Number of does: ________
(b) For each dose, vaccine administered:*
- [a] Mechanical prophylaxis
- [b] Pharmacological prophylaxis
- [c] None of the above

### [2-8] Timing of most recent dose
- <2 weeks | 2-6 weeks | 7 weeks - 4 months | 5-6 months | 7-8 months | 9+ months

## Intraoperative Form

### [3-1] Urgency of surgery
- [a] Elective (planned admission for surgery)
- [b] Emergency (unplanned admission)

### [3-2] Procedure: _______________

### [3-3] General anaesthesia
- [a] No
- [b] Yes

### [3-4] Indication for surgery
- [a] Benign disease / obstetric
- [b] Malignancy
- [c] Trauma

### [3-5] Operative approach
- [a] Planned open surgery
- [b] Planned and performed as minimally invasive
- [c] Minimally invasive surgery converted to open

## 30-day Outcomes Form

### [4-1] Mortality
- [a] Alive at 30 days
- [b] Died within 30 days of surgery

### [4-2] Complications
*Please tick all that apply*
- [a] Pneumonia
- [b] Acute respiratory distress syndrome
- [c] Unexpected ventilation
- [d] Pulmonary embolism
- [e] Deep vein thrombosis
- [f] None of the above

### [4-3] Postoperative critical care (ITU) admission
- [a] None
- [b] Yes – planned critical care admission
- [c] Yes – unplanned critical care admission

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Please see the data dictionary in the Appendix for detailed definitions. Download from https://globalsurg.org/covidsurg3