**Study Case Record Form**

**Age**  years **Gender**  M  F **Current smoker**  Y  N

**Ethnicity:**  Afro-descendant  white  indigenous  other  unknown

**Chronic co-morbid disease (*tick all that apply*):**

 Coronary artery disease  Heart failure  Diabetes mellitus

 Cirrhosis  Metastatic cancer  Hypertension

 Stroke  Chronic Pulmonary Disease/Asthma  HIV/AIDS

 Chronic renal disease  Active Tuberculosis  Other

 SARS-CoV-2 infection in last 6 weeks?

**Most recent blood results (no more than 28 days before surgery):**

**Haemoglobin . units Creatinine . units**

**ASA**  I  II  III  IV V

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**Anaesthesia induction time & date:**

**Anaesthetic technique (*tick all that apply*)**

 General  Spinal  Epidural  Sedation  Local/Regional

**Surgical procedure category (*single best answer*):**

 Orthopaedic (non-spine)  Breast  Gynaecology

 Urology & Kidney  Upper gastro-intestinal  Lower gastro-intestinal

 Hepato-biliary  Vascular  Head and neck

 Plastics / Cutaneous  Neurosurgery (non-spine)  Thoracic

 Cardiac  Spinal  Other

**Urgency of surgery:**  Elective  Urgent  Emergency

**WHO surgical safety checklist before incision?**  Yes  No

**Severity of surgery:**  Minor  Intermediate  Major

**Laparoscopic surgery:**  Yes  No

**Primary indication for surgery:**  Infective  Other  Trauma  Cancer

**Critical care immediately after surgery:**  Yes  No

**Anaesthetic complications:**

Failed intubation  Aspiration  Cardiac arrest  Severe hypoxia

**Outcome after surgery**

**Infection**

**Superficial surgical site** Mild  Moderate  Severe  None 

**Deep surgical site**  Mild  Moderate  Severe  None 

**Body cavity** Mild  Moderate  Severe  None 

**Pneumonia**  Mild  Moderate  Severe  None 

**Urinary tract** Mild  Moderate  Severe  None 

**Bloodstream**  Mild  Moderate  Severe  None  **Cardiovascular**

**Myocardial infarction** Mild  Moderate  Severe  None 

**Arrhythmia** Mild  Moderate  Severe  None 

**Pulmonary oedema** Mild  Moderate  Severe  None 

**Pulmonary embolism** Mild  Moderate  Severe  None 

**Stroke** Mild  Moderate  Severe  None 

**Cardiac arrest** YES  None 

**Other**

**Gastro-intestinal bleed** Mild  Moderate  Severe  None 

**Acute kidney injury** Mild  Moderate  Severe  None 

**Post-operative bleed** Moderate  Severe  None 

**ARDS** Mild  Moderate  Severe  None 

**Anastomotic leak** Mild  Moderate  Severe  None 

**Other** Mild  Moderate  Severe  None 

**Treatment for post-operative complications:**

**Drug therapy, blood transfusion or parenteral nutrition** Y N 

**Surgical or radiological procedure** Y N 

**Critical care admission** Y N 

**Hours in Post-Anaesthetic Care Unit after surgery**

**Days in critical care after surgery**

**Days in hospital after surgery**

**Status at 30 days after surgery** Alive  Dead 

**Caesarean Case Record Form**

**Age**  years **Current smoker**  Y  N

**Ethnicity:**  Afro-descendant  white  indigenous  other  unknown

**Chronic co-morbid disease (*tick all that apply*):**

 Coronary artery disease  Heart failure  Diabetes mellitus

 Cirrhosis  Metastatic cancer  Hypertension

 Stroke  COPD/Asthma  HIV/AIDS

 Chronic renal disease  Active TB  Other

 SARS-CoV-2 infection in last 6 weeks?

**Most recent blood results (no more than 28 days before surgery):**

**Haemoglobin . units Creatinine . units**

**ASA**  I  II  III  IV V

**Urgency of surgery:**  Elective  Urgent  Emergency

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**Anaesthesia induction time & date:**

**WHO surgical safety checklist before incision?**  Yes  No

**Anaesthetic technique (*tick all that apply*)**

 General  Spinal  Epidural  Sedation  Local/Regional

**Maternal conditions (*tick all that apply*)**

 Eclampsia  Ruptured uterus  Cardiac disease  Placenta praevia

 Sepsis  Placental abruption  Pre-eclampsia  Antepartum haemorrhage

Parity: Gravidity: Gestational Age: weeks

**Foetal distress?**  Y  N **Hysterectomy for bleeding control?**  Y  N

**Neonatal outcomes:**

**1 minute APGAR 5 minute APGAR**

**Birth weight** grams **Neonatal status at 30 days:** Dead Alive

**Was the mother referred to Critical Care immediately after surgery:**  Yes  No

**Anaesthetic complications:**

Failed intubation  Aspiration  Cardiac arrest  Severe hypoxia

**Outcome after surgery**

**Infection**

**Superficial surgical site** Mild  Moderate  Severe  None 

**Deep surgical site**  Mild  Moderate  Severe  None 

**Body cavity** Mild  Moderate  Severe  None 

**Pneumonia**  Mild  Moderate  Severe  None 

**Urinary tract** Mild  Moderate  Severe  None 

**Bloodstream**  Mild  Moderate  Severe  None 

**Cardiovascular**

**Myocardial infarction** Mild  Moderate  Severe  None 

**Arrhythmia** Mild  Moderate  Severe  None 

**Pulmonary oedema** Mild  Moderate  Severe  None 

**Pulmonary embolism** Mild  Moderate  Severe  None 

**Stroke** Mild  Moderate  Severe  None 

**Cardiac arrest** Severe  None 

**Other**

**Gastro-intestinal bleed** Mild  Moderate  Severe  None 

**Acute kidney injury** Mild  Moderate  Severe  None 

**Post-operative bleed** Moderate  Severe  None 

**ARDS** Mild  Moderate  Severe  None 

**Anastomotic leak** Mild  Moderate  Severe  None 

**Other** Mild  Moderate  Severe  None 

**Treatment for post-operative complications:**

**Drug therapy, blood transfusion or parenteral nutrition** Y N 

**Surgical or radiological procedure** Y N 

**Critical care admission** Y N 

**Hours in Post-Anaesthetic Care Unit after surgery**

**Days in critical care after surgery**

**Days in hospital after surgery**

**Status at 30 days after surgery** Alive  Dead 