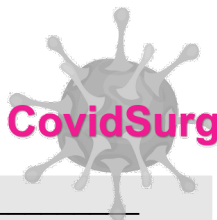


Surgical outcomes in COVID-19 patients



NIHR Global Health Research Unit on Global Surgery



Patient REDCap ID: _____

How was COVID-19 diagnosis made:

Lab test CT thorax Clinical only

When was COVID-19 diagnosis made:

Before surgery
 Index admission (*up to 30-days*)
 After discharge (*up to 30-days*)

Month of operation in 2020: Jan | Feb | Mar | Apr

May | Jun | Jul | Aug | Sept | not stated

Age: 0-4w | 4-52w | 1-9y | 10-16y | 17-19y | 20-29y | 30-39y | 40-49y | 50-59y | 60-69y | 70-79y | 80-89y | 90y+ **Sex:** Female | Male **ASA Grade:** 1 | 2 | 3 | 4 | 5

Weight (just children): _____ Kg

Comorbidities:

Current smoker Congestive heart failure
 Asthma Dementia
 Cancer Diabetes Mellitus
 Chronic Kidney Disease Hypertension
(Moderate/Severe) Myocardial Infarction
 COPD Peripheral Vascular Dis
 Congenital abn (cardiac) Stroke/TIA
 Congenital abn (non cardiac) Other: _____

Urgency of surgery:

Immediate | Urgent | Expedited | Elective

Symptoms at admission:

Abdominal pain Haemoptysis
 Dyspnoea Myalgia
 Cough Nausea/vomiting
 Diarrhoea Sputum
 Fatigue Other: _____
 Fever >38C

Last available data from before surgery:

AFPU: Alert | Resp to voice | Resp to pain
Unresponsive | Sedated and ventilated
Resp rate: _____ rpm **Heart rate:** _____ bpm
Syst BP: _____ mmHg **Diast BP:** _____ mmHg
SpO2: _____ % on **FiO2:** _____ %

Pre-op investigations:

Haemoglobin: _____ g/L **WCC:** _____ 10⁹/L
CRP: _____ mg/L **Albumin:** _____ g/L
Urea: _____ mmol/L or μ mol/L
Creatinin: _____ mg/dL or g/L

Arterial blood sample on FiO2: _____ %

Lact: _____ mmol/L **Bicarb:** _____ mmol/L
PaO2: _____ **PaCO2:** _____

Pre-op Xray:

Not performed
 Yes- normal
 Yes- abnormal

Pre-op chest CT:

Not performed
 Yes- normal
 Yes- consolidation
 Yes- ground glass opacity
 Yes- pulmonary infiltration
 Yes- other abnormality

Surgical details: Was COVID19 suspected

at time of surgery? Yes | No

Anaesthesia: Local | Regional | General

Surgical diagnosis: _____

Procedure completed: _____

Treatment

Did patient receive NSAIDs? No | Yes before admission | After admission | Both

Patient received during index admission?

Antibiotics IV Immunoglobulins
 Antivirals Interferon
 Quinine/derivative IL-6 blocker
 Corticosteroids

Antiviral (name&dose): _____

Corticosteroid (name&dose): _____

Renal dialysis during index admission?

No | Yes but not at 30 days after surgery

Yes and ongoing dialysis at 30 days after surgery

Pre-op respiratory support:

None Non-invasive ventilation
 Low-flow O2 Invasive ventilation
 High-flow O2 ECMO

Post-op respiratory support:

None Non-invasive ventilation
 Low-flow O2 Invasive ventilation
 High-flow O2 ECMO

Duration of post-op mechanical ventilation:

1-23h | 24-47h | 48-71h | 72-167h | 168h+

Outcomes

Mortality:

Died (on table) Alive (in hospital)
 Died (on day 0-7) Alive (other hospital)
 Died on day 8-30 Alive (at rehab)
 Alive (at home)

Re-operation: Yes | No

Post-op ICU: No Unplanned from theatre
 Planned Unplanned from ward
from theatre

Complications:

Acute kidney injury Pneumonia
 ARDS Respiratory failure
 Anastomotic leak Sepsis
 Blood transfusion Septic shock
 Cardiac arrest Stroke/TIA
 Coma >24h SSI superficial/deep
 Deep Vein Thrombosis SSI organ space
 Graft/prosthesis/flap fail UTI
 Myocardial infraction Wound dehiscence

Total length of stay: _____ days

Did surgeons contract COVID-19: Yes | No