Surgical outcomes in COVID-19 patients

Patient REDCap ID:

Month of operation in 2020: Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | 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 | 90+y

Weight (children only): ________ Kg

Sex: Female | Male
ASA Grade: 1 | 2 | 3 | 4 | 5

BMI:
- Underweight (<18.5)
- Normal/healthy weight (18.5-24.9)
- Overweight (25.29.9)
- Moderately obese (30-34.9)
- Severely obese (35.39.9)
- Very severely obese (>40)

Comorbidities:
- Current smoker
- Asthma
- Cancer
- Chronic Kidney Disease (Mild/Moderate/Severe)
- COPD
- Congenital abn (cardiac)
- Congenital abn (non cardiac)
- Congestive heart failure
- Dementia
- Diabetes Mellitus
- HIV infection
- Hypertension
- Myocardial Infarction
- Peripheral Vascular Disease
- Stroke/TIA

BGC/Tuberculosis(TB) status
Vaccine - <15yrs ago | Vaccine – 15yrs ago | TB diagnosis <15yrs ago | TB diagnosis >15yrs ago | Close contact with individual with known TB <15yrs ago | Close contact with individual with known TB >15yrs ago | No previous BCG vaccine/TB exposure | BCG vaccination/TB exposure unknown

Urgency of surgery:
- Immediate
- Urgent
- Expedited
- Elective

Findings at admission:
- Abdominal pain
- Dyspnea
- Cough
- Diarrhoea
- Fatigue
- Fever >38C
- Haemoptysis
- Myalgia
- Nausea/vomiting
- Sputum
- Other:

Last available data from before surgery:
Resp rate: ______ rpm  |  Heart rate: ______ bpm
Systolic BP: ______ mmHg  |  Diastolic BP: ______ mmHg

Tests performed to investigate SARS-CoV-2 status:
- CT (neg)
- CT (pos)
- Swab (neg)
- Swab (pos)

4-7 days prior surgery
- Yes
- No

1-3 days prior surgery
- Yes
- No

Day of surgery (preop)
- Yes
- No

After surgery
- Yes
- No

After discharge from index admission (within 30 days of surgery)
- Yes
- No

How was SARS-CoV-2 confirmed?
- Positive swab – result received before surgery
- Positive swab – result received after surgery
- CT scan of chest confirming COVID-19 – before surgery
- CT scan of chest confirming COVID-19 – after surgery
- Clinical diagnosis/ chest X-Ray – before surgery
- Clinical diagnosis/ chest X-Ray – after surgery

Pre-op investigations:
Haemoglobin: _____ g/L  |  WCC: _____ 10^9/L  |  CRP: _____ mg/L

Pre-op x-ray:
- 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

Management
Time from admission to operation (pre-op delay):
- <6 hrs
- 6-23 hrs
- 24-47 hrs
- 48-71 hrs
- 72+ hrs

Primary organ/system operated:

Anaesthesia: Local | Regional | General

Surgical diagnosis:

Procedure completed:

Environment in which patient cared for:
- Designated COVID ward
- Designated non-COVID ward

Complications:
- Anaphylactic shock
- Bleeding
- Coma for >24hr
- CVA
- Deep Vein Thrombosis
- Drug reaction
- Septic shock
- Stroke/TIA
- Urinary tract infection
- Wound dehiscence

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

Post-op ICU: Yes | No
- Planned from theatre
- Unplanned from theatre

Duration of post-op mechanical ventilation:
- 1-23h
- 24-47h
- 48-71h
- 72-167h
- 168h+

Pre-op respiratory support:
- None
- Low-flow O2
- High-flow O2
- ECOMO

Post-op respiratory support:
- None
- Low-flow O2
- High-flow O2
- ECOMO

Treatment
Did patient receive NSAIDs?
- No
- Yes

Patient received during index admission?
- Antibiotics
- Antivirals
- Quinine/derivative
- Corticosteroids

Antiviral (name & dose):

Corticosteroid (name & dose):

Renal dialysis during index admission?
- No
- Yes

Pre-op NSAIDs:
- None
- Non-invasive ventilation
- Invasive ventilation
- ECOMO

Post-op NSAIDs:
- None
- Non-invasive ventilation
- Invasive ventilation
- ECOMO

Total length of stay: ___ days