Case Report Form CovidSurg-Cancer

NB: Additional data points may be required for specific cancer types

Patient REDCap ID: ______________________

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 (<52 weeks only): ________ kg
WHO/ECOG Performance status: 0 | 1 | 2 | 3 | 4

Comorbidities:
- Current smoker
- Asthma
- Chronic Kidney Disease (Moderate/Severe)
- COPD (BPCO)
- Congenital abn (cardiac)
- Congenital abn (non cardiac)
- Congestive heart failure
- Dementia
- Diabetes Mellitus
- Hypertension
- Myocardial Infarction
- Peripheral Vascular Dis
- Other: ____________

Location: Colon | Rectal | Gastric | Oesophageal | Lung | Liver | Pancreatic | Soft-tissue sarcoma | Bony sarcoma | Head & neck | Kidney | Bladder | Prostate | Uterine | Ovarian

Baseline staging at decision for surgery:
T stage: T1 | T2 | T3 | T4 | unknown
N stage: N0 | N1 | N2 | unknown
M stage: M0 | M1 | unknown

Date of cancer diagnosis: __/__/___
Date of decision for curative surgery: __/__/___

Did the patient have an operation related to this cancer during the 3-month study window? No / Yes

If a cancer operation WAS performed:

- Date of surgery: __/__/___
- Was COVID-19 suspected at time of surgery? Yes | No
- Was COVID-19 screening performed preoperatively? Laboratory test | CT thorax | Other: ____________

Urgency of surgery:
- Immediate | Urgent | Expedited | Elective
- Other: ____________

If a cancer operation WAS performed:

- If emergency cancer surgery was required, why?
  - Gastro-intestinal obstruction
  - Bleeding
  - Sepsis
  - Tumour progression
  - Organ perforation
  - Other: ____________

- Anaesthesia: Local | Regional | General
- Operation performed?

- Post-operative history:
  - T stage: T1 | T2 | T3 | T4 | unknown
  - N stage: N0 | N1 | N2 | unknown
  - M stage: M0 | M1 | unknown
  - Resection margin status: R0 | R1 | R2 | Unknown

- Did any change to treatment occur due to the COVID-19 pandemic (operated patients)?
  - No change to care, no neoadjuvant Rx
  - No change – neoadjuvant equivalent to pre-COVID
  - Delay to definitive Rx: Expedited definitive surgery
  - Change in choice of operation: Neodj treatment, not typically indicated

- Details of neoadj Rx: ____________

- COVID-19 post-operatively (30 days):
  - Yes – lab test
  - Yes – CT thorax
  - Yes – clinical only
  - No

- If yes: Inpatient | Required Admission | Community

- Mortality: Died on table | d0-7 | d8-30 | Alive still in hosp 30d | transferred | discharged to rehab | discharged home

- Re-operation: Yes | No

- Post-op intensive care: No | planned from theatre | unplanned from theatre | unplanned from ward

- If no/unplanned from ward: Would post-operative ICU bed have been planned pre-COVID-19 era?

- Total length of hospital stay: ____days

- Did surgeons contract COVID-19 (30-days): Yes | No

If NO operation was performed (by 3 months from study entry)

- Is there still a plan for curative surgery? Yes | No

- Why was no operation performed in the 3 months?
  - If still plan for surgery:
    - Patient choice to avoid surgery during pandemic
    - MDT decision to delay surgery due to risk to patient
    - Ongoing neoadjuvant treatment (MDT = RCP)
    - No bed / intensive care space / theatre space
    - Change of recommendations in society guidelines related to COVID-19

- If no ongoing plan for surgery:
  - Disease progression, surgery no longer indicated
  - Change in clinical status unrelated to cancer e.g. MI
  - Died awaiting surgery
  - Other: ___________________________________

- Has the cancer been re-staged? No | Yes

- If so, date__/__/___

- Did any change to treatment occur due to the COVID-19 pandemic (non-operated patients)?
  - No change to care – delayed/cancelled other reason
  - Operation cancelled because of COVID-19 | Operation delayed because of COVID-19 | Neodj treatment, not typically indicated | Neodj treatment longer than typical | Neoadj treatment shorter than typical | Less access to staging procedures | Less access to staging investigations

- Other: ____________
Case Report Form CovidSurg

NB: Complete this CRF only for patients that are eligible for both studies (operated cancer patients with COVID-19 infection)

Patient REDCap ID: ____________________

COVID-19 Patient Information

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)

Symptoms at admission:
☐ Abdominal pain  ☐ Haemoptysis  ☐ Lab test
☐ Dyspnoea  ☐ Myalgia  ☐ CT thorax
☐ Cough  ☐ Nausea/vomiting  ☐ Clinical only
☐ Diarrhoea  ☐ Sputum  ☐ Eligible for both studies (operated cancer patients with COVID-19 infection)
☐ Fatigue  ☐ Other: ____________________
☐ Fever >38C

COVID-19 Preoperative Investigations

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: _______ 10^9/L
CRP: _______ mg/L  Albumin: _______ g/L
Urea: _______ mmol/L or μmol/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

COVID-19 Treatment

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

Patient received during index admission?
☐ Antibiotics  ☐ Antivirals  ☐ Quinine/derivative
☐ 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  ☐ Low-flow O2  ☐ High-flow O2

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

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