### Case Report Form CovidSurg-Cancer-Gynaec

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

**CovidSurg**

**Case Report Form**

<table>
<thead>
<tr>
<th>COVID</th>
<th>Did patient have mandatory self-isolation before surgery?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Grade:** 1 | 2 | 3 | 4 | 5 | Weight (<52 weeks only): ___/___/____ kg

**WHO/ECOG Performance status:** 0 | 1 | 2 | 3 | 4 | 5 | Unknown

- **BMI:**
  - Normal/healthy weight (18.5-24.9)
  - Overweight (25-29.9)
  - Obese (≥30)

- **Comorbidities:**
  - Hypertension
  - Diabetes Mellitus
  - Asthma
  - Congestive heart failure
  - CKD (Moderate/Severe)
  - COPD
  - Stroke/TIA
  - Peripheral Vascular Disease
  - Other: ____________

- **Cancer-specific details:**
  - **Cancer type:**
    - Uterine | Ovarian | Cervical | Vulva | Vagina
  - **Histological type:**
    - Squamous cell | Adenocarcinoma | Germcell, sex cord stromal or trophoblastic
  - **FIGO stage at time of decision for surgery:**
    - Stage 0 | Stage 1 | Stage 2 | Stage 3 | Stage 4
  - **Was the initial MDT (tumour board) decision for primary surgical treatment:**
    - Yes | No
  - **If an operation was attempted:**
    - Date of surgery: ___/___/____
    - Whether operation was performed:
      - Yes | No

<table>
<thead>
<tr>
<th>Laboratory test</th>
<th>CT thorax</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests performed to investigate SARS-CoV-2 status:</td>
<td>CT</td>
<td>CT</td>
</tr>
<tr>
<td>4-7 days prior surgery</td>
<td>(neg)</td>
<td>(pos)</td>
</tr>
<tr>
<td>1-3 days prior surgery</td>
<td>(neg)</td>
<td>(pos)</td>
</tr>
</tbody>
</table>

**Urgency of surgery:**
- Immediate
- Urgent
- Expeditious
- Elective

**If a cancer operation was performed:**

- **Comorbidities:**
  - CKD (Moderate/Severe)
  - COPD
  - Congestive heart failure
  - Dementia
  - Diabetes Mellitus
  - Hypertension
  - Myocardial Infarction
  - Peripheral Vascular Disease
  - Stroke/TIA
  - Other: ____________

<table>
<thead>
<tr>
<th>Complications:</th>
<th>Acute kidney injury</th>
<th>Pneumonia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ARDS</td>
<td>Respiratory failure</td>
</tr>
<tr>
<td></td>
<td>Anastomotic leak</td>
<td>Sepsis</td>
</tr>
<tr>
<td></td>
<td>Blood transfusion</td>
<td>Septic shock</td>
</tr>
<tr>
<td></td>
<td>Cardiac arrest</td>
<td>Stroke/TIA</td>
</tr>
<tr>
<td></td>
<td>Coma &gt;24h</td>
<td>SSI superficial/dep</td>
</tr>
<tr>
<td></td>
<td>Deep Vein Thrombosis</td>
<td>SSI organ space</td>
</tr>
<tr>
<td></td>
<td>Graft/prosthesis/flap fail</td>
<td>UTI</td>
</tr>
<tr>
<td></td>
<td>Myocardial infarction</td>
<td>Wound dehiscence</td>
</tr>
</tbody>
</table>

**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 | Op performed in alt. hospital | IR procedure before surgery, not typically indicated | Neoadj treatment, not typically indicated | No Neoadj, typically indicated | No Neoadj, treatment longer than typical | Neoadj treatment shorter than typical | Adj treatment, not typically indicated | No adj, typically indicated | Other:

<table>
<thead>
<tr>
<th>Cancer type</th>
<th>Germcell</th>
<th>sex cord stromal or trophoblastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tumour</td>
<td>Figure</td>
<td>FIGO stage at time of reimaging/re-discussion by MDT or tumour board</td>
</tr>
<tr>
<td>Stage 0</td>
<td>Stage 1</td>
<td>Stage 2</td>
</tr>
<tr>
<td>Was there a response to neoadjuvant treatment?</td>
<td>Partial response</td>
<td>Complete response</td>
</tr>
</tbody>
</table>

**COVID-19 post-operatively (30 days):**

- Yes – lab test | Yes – CT thorax | Yes – clinical | No
- If yes: Inpatient | Required Admission | Community |

<table>
<thead>
<tr>
<th>Mortality:</th>
<th>Died on table</th>
<th>d0</th>
<th>d1</th>
<th>d2</th>
<th>d3</th>
<th>d4</th>
<th>d5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home</td>
<td>Re-operation:</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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? | Yes, not available ~ COVID | Yes, not available (other) | No

<table>
<thead>
<tr>
<th>Total length of hospital stay:</th>
<th>days</th>
</tr>
</thead>
</table>

**If MDT decision to delay surgery due to risk to patient:**

- No bed | intensive care space | theatre space |

**If change of recommendations in society guidelines related to COVID-19:**

- Other:

**If change of recommendations in society guidelines related to COVID-19:**

- Other:

**Has the cancer been re-staged?**

- Yes | No

If so, date ___/___/____

**FIGO stage at time of reimaging/re-discussion by MDT or tumour board:**

- Stage 0 | Stage 1 | Stage 2 | Stage 3 | Stage 4 |

| Was there a response to neoadjuvant treatment? | Partial response | Complete response | Progression |

**If 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 | Change in Rx strategy | IR procedure before/instead of surgery, not typically indicated | Neoadj treatment, not typically indicated | No Neoadj, typically indicated | No Neoadj, treatment longer than typical | Neoadj treatment shorter than typical | Less access to staging procedures | Less access to staging investigations | Other:________

**COVID-19 suspected at time of surgery?**

- Yes | No

**COVID-19 CRITCON level:** 0 | 1 | 2 | 3 | 4 | 5

**COVID-19 screening performed preoperatively:**

- Laboratory test | CT thorax | Other:

**Did the patient have a "resolved" COVID-19 infection before the time of surgery?**

- Yes – lab test/CT thorax | Clinical suspicion | No

**Was COVID-19 screening performed preoperatively:**

- Laboratory test | CT thorax | Other:

**Did the patient have mandatory self-isolation before surgery?**

- Yes, > 2 weeks | Yes, < 2 weeks | No

**COVID-19 suspected at time of surgery?**

- Yes | No
Case Report Form CovidSurg

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

COVID-19 Preoperative Investigations

Last available data from before surgery:
Resp rate: ____ bpm  Heart rate: ____ bpm
Systolic BP: _____ mmHg Diastolic BP: _____ mmHg

Tests performed to investigate SARS-CoV-2 status:

<table>
<thead>
<tr>
<th>Days prior to surgery</th>
<th>CT (neg)</th>
<th>CT (pos)</th>
<th>Swab (neg)</th>
<th>Swab (pos)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-7 days</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-3 days</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Day of surgery (preop):
After surgery (during index admission):
After discharge from index admission (within 30 days of surgery):

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/cth CXR – before surgery
☐ Clinical diagnosis/cth CXR – 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

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
☐ ECMO

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

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