

Outcomes for CovidSurg-Cancer Study



Patient REDCap ID: _____

COVID-19 diagnosis? *no test performed

- Before surgery, positive lab test
- Before surgery, clinical diagnosis*
- After surgery, positive lab test
- After surgery, clinical diagnosis*
- No** COVID-19 infection

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 (children only): _____ kg

WHO/ECOG Performance status: 1 | 2 | 3 | 4 | 5 | 6

Comorbidities:

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

Urgency of surgery:

Immediate | Urgent | Expedited | Elective

Cancer-specific details:

Location: oesophagus | stomach | colon | rectum

Baseline clinical/radiological **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 a **cancer-related operation** in 3month study window? No / Yes date: ___/___/___

Did any **change to treatment** occur due to the COVID-19 pandemic? (c.f. pre-COVID-19), *select all that apply:*

- no change to care, no neoadjuvant Rx
 - no change – neoadjuvant equivalent to pre-COVID
 - DELAY to definitive Rx
 - EXPEDITED definitive surgery
 - no change, operation cancelled for other reason
 - OPERATION CANCELLED due to COVID-19
 - OPERATION DELAYED due to COVID-19
 - CHANGE in operation choice
 - NEOADJUVANT treatment where not typical
 - NEOADJUVANT treatment longer than typical
 - NEOADJUVANT treatment shorter than typical
 - REDUCED ACCESS to staging procedures
 - REDUCED ACCESS to staging investigations
 - OTHER change: _____
- Details of neoadj Rx: _____

If an operation was performed:

Was **COVID-19** suspected at time of surgery? Yes | No

Anaesthesia: Local | Regional | General

What **operation?** (code in REDCap) _____

Surgical intent: curative | palliative

Why was **emergency cancer surgery** required?

- gastro-intestinal obstruction
- bleeding
- sepsis
- tumour progression
- organ perforation
- other: _____

What was the primary organ/body system operated?

- upper GI (above DJ flexure)
- lower GI (inc proct)

Pathology result: _____

Post-operative staging:

T stage: T1 | T2 | T3 | T4 | unknown

N stage: N0 | N1 | N2 | unknown

M stage: M0 | M1 | unknown

Resection margin status:

- R0 (nil micro/macrosopic)
- R1 (microscopic disease at margin)
- R2 (macroscopic disease at margin)
- unknown

Outcomes for operated patients

Timing of post-operative COVID-19 infection:

inpatient post-operative | after discharge with re-admission | after discharge stayed home | unknown

Mortality: died on table | died d0-7 | died d8-30 | alive still in hosp 30d | alive transferred another hosp | alive discharged to rehab | alive discharged home

Re-operation: Yes | No

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

Would post-operative intensive care bed have been planned pre-COVID-19 era? Yes, not available due to pandemic | Yes not available unrelated | No

Complications:

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

Total **length of hospital stay:** ____ days

If **NO operation** was performed (by 3 months)

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

Why was no operation performed in the 3 months?

- patient choice to avoid surgery during pandemic
- MDT decision to delay surgery due to risk to patient
- ongoing neoadjuvant treatment
- no bed / intensive care space / theatre space
- change of recommendations in society guidelines related to COVID-19
- 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 ___/___/___ Results of re-staging:

T stage: T1 | T2 | T3 | T4 | unknown

N stage: N0 | N1 | N2 | unknown

M stage: M0 | M1 | unknown