

All patients

1	Period operated in (tick one) ☐ Period 1 (00:00 31st August 2026 – 23:59 6th September 2026) ☐ Period 2 (00:00 7th September 2026 – 23:59 13th September 2026) ☐ Period 3 (00:00 14th September 2026 – 23:59 20th September 2026) ☐ Period 4 (00:00 21st September 2026 – 23:59 27th September 2026) ☐ Period 5 (00:00 28th September 2026 – 23:59 4th October 2026) ☐ Period 6 (00:00 5th October 2026 – 23:59 11th October 2026)
2	Sex (tick one) ☐ Female ☐ Male
3	Age (tick one) ☐ 0-4 weeks ☐ 5 - 52 weeks ☐ 1-4 years ☐ 5-9 years ☐ 10-17 years ☐ 18-29 years ☐ 30-39 years ☐ 40-49 years ☐ 50-59 years ☐ 60-69 years ☐ 70-79 years ☐ 80-89 years ☐ 90 years or more
3.1	Only if: A 2 = Female and A 3 = age 10–59 Pregnancy status (tick one) ☐ No ☐ Yes – first trimester (<13 weeks) ☐ Yes – second trimester (13-28 weeks) ☐ Yes – third trimester (>28 weeks)
4	ASA (tick one) ☐ Grade I ☐ Grade II ☐ Grade III ☐ Grade IV ☐ Grade V ☐ Grade VI
5.1	Only if: A 3 = aged 18 years or more BMI _____ Link to calculator: https://www.bupa.co.uk/health-information/bmi-calculator
5.2	Only if: A 3 = aged under 18 years Weight (kg) _____
6.1	Co-morbidities (tick all that apply) ☐ Ischaemic heart disease ☐ Congestive heart failure ☐ Cerebrovascular disease ☐ Diabetes mellitus – insulin dependent ☐ Diabetes mellitus – non-insulin dependent ☐ Chronic kidney disease (baseline creatinine >176.8 µmol/L or >2 mg/dL) ☐ Human immunodeficiency virus (HIV) ☐ Hypertension ☐ None of the above
6.2	Only if: A 6.1 = Human immunodeficiency virus HIV status (tick one) ☐ Untreated HIV ☐ HIV with CD4 cell count <200 cells/mm3 ☐ HIV with CD4 cell count 200-500 cells/mm3 ☐ HIV with CD4 cell count >500 cells/mm3 ☐ HIV with CD4 cell count unknown
7	Clinical frailty score (tick one) Link: https://www.bgs.org.uk/sites/default/files/content/attachment/2018-07-05/rockwood_cfs.pdf ☐ 1 – Very fit ☐ 2 – Well ☐ 3 – Managing well ☐ 4 – Vulnerable ☐ 5 – Mildly frail ☐ 6 – Moderately frail ☐ 7 – Severely frail – completely dependent for personal care ☐ 8 – Very severely frail ☐ 9 – Terminally ill
8	Smoking status (tick all that apply) ☐ No – never smoked ☐ No – ex smoker, stopped ≥ 6 weeks ago ☐ No – ex smoker, stopped in the last 6 weeks ☐ Yes – current smoker ☐ No – never vaped ☐ No – previously vaped, stopped ≥ 6 weeks ago ☐ No – previously vaped, stopped in the last 6 weeks ☐ Yes – currently vapes ☐ Unknown smoking or vaping status
9	Type of admission (tick one) ☐ Elective (surgery on a planned admission) ☐ Emergency (surgery on an unplanned admission)
10.1	Indication for surgery (broad category) (tick one) ☐ Benign ☐ Malignant / pre-malignant ☐ Trauma ☐ Obstetrics
11	Body region of main operation (tick one) ☐ Head and neck ☐ Thorax ☐ Abdomen and Pelvis ☐ Upper limb ☐ Lower limb ☐ Spine
12	Indication for operation (specific diagnosis) For example, appendicitis, perforated colonic adenocarcinoma, testicular torsion etc. <i>A list of operations is provided as a separate document. Write the operation here, then select the matching entry from the REDCap drop-down list at data entry.</i>

Elective admission — only if A 9 = Elective admission

9.1	How many days passed between the decision to operation (or patient being booked for the operation) to having the operation? _____ (days)
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Malignant or pre-malignant — only if A 10.1 = Malignant / pre-malignant

10.2	Intent of this operation (tick one) ☐ Curative ☐ Palliative
10.3	Extent of malignancy (tick one) ☐ Pre-malignant ☐ Primary only ☐ Nodal metastases ☐ Distant metastases ☐ Not staged

Emergency admission — only if A 9 = Emergency admission

9.2	On presentation to hospital was the patient septic? (tick one) ☐ No ☐ Yes <i>Sepsis is life-threatening organ dysfunction caused by a dysregulated host response to infection. Full definition: see the appendices of the study protocol.</i>
9.2.1	Only if: A 9.2 = Yes, patient was septic Duration of time from identification of suspected sepsis in hospital to first antibiotics being given (tick one) ☐ <30 minutes ☐ 30-59 minutes ☐ 60-119 minutes ☐ 120 minutes - 24 hours ☐ No antibiotics given within 24 hours
9.3	On presentation to hospital were there signs of shock? (tick one) ☐ No ☐ Yes <i>Shock is inadequate tissue perfusion, recognised clinically as hypotension with evidence of end-organ hypoperfusion. Full definition: see the appendices of the study protocol.</i>
9.4	Time of symptom onset or injury to presentation to hospital (tick one) ☐ Under 12 hours ☐ 12-23 hours ☐ 24-47 hours ☐ 48-71 hours ☐ 72 hours or more
9.5	Time from presentation to hospital to review by surgical team (tick one) ☐ <1 hour ☐ 1-2 hours ☐ 3-6 hours ☐ 7-12 hours ☐ 13-24 hours ☐ Over 24 hours
9.6	Time from review by surgical team to decision for operation (tick one) ☐ <1 hour ☐ 1-2 hours ☐ 3-6 hours ☐ 7-12 hours ☐ 13-24 hours ☐ Over 24 hours
9.7	Duration of time from decision to operate (booking of theatre case) to patient arrival in theatre (tick one) ☐ <2 hours ☐ 2 - 6 hours ☐ 7-18 hours ☐ >18 hours
9.8	What was the intended window from decision to operate (booking the theatre case) to the operation? (tick one) ☐ <2 hours ☐ 2 - 6 hours ☐ 7-18 hours ☐ >18 hours ☐ No window set ☐ Unknown
9.9	Immediately prior to attending this hospital, did patient seek care from anywhere else? (tick all that apply) ☐ No ☐ Yes – Traditional or faith healer ☐ Yes - Community health worker ☐ Yes – Family or primary care doctor ☐ Yes - Another hospital transferred this patient to this hospital ☐ Yes – Other, please specify _____ ☐ Unknown _____
9.9.1	Only if: A 9.9 = another hospital transferred this patient What was the reason for hospital transfer? (tick all that apply) ☐ For input from a surgical speciality not available at referring hospital ☐ No surgeon at referring hospital ☐ Anaesthetic requirement ☐ No operating theatre ☐ Critical care (High dependency or intensive care unit) requirements ☐ Diagnostics; for example no CT scanner ☐ Interventional radiology unavailable ☐ Blood product availability ☐ Equipment limitations (robot/laparoscopy/stapling devices etc) ☐ Complexity requires tertiary centre (i.e. patient factors) ☐ External disruption; for example power issues, flooding, staff strikes ☐ Financial constraints ☐ Other, please specify _____

Trauma — only if A 10.1 = Trauma

10.4	Mechanism of injury (tick all that apply) ☐ Fall less than 2 metres ☐ Fall more than 2 metres ☐ Road traffic collision – occupant ☐ Road traffic collision – pedestrian ☐ Road traffic collision – cyclist ☐ Gunshot ☐ Stab ☐ Other penetrating injury (not gunshot/stab) ☐ Assault – blunt force ☐ Blast / explosion ☐ Crush injury ☐ Industrial / Occupational ☐ Animal bite ☐ Sport related ☐ Burns or thermal injury ☐ Self harm ☐ Other, please specify _____
10.5	Identify all of the injuries (tick all that apply) ☐ Single acute fracture ☐ Multiple acute fractures ☐ Hand injury ☐ Traumatic brain injury ☐ Skull fracture ☐ Facial fracture ☐ Neck injury (vascular/airway) ☐ Rib fractures ☐ Pneumothorax/Haemothorax ☐ Lung contusion ☐ Cardiac injury ☐ Abdominal solid organ injury ☐ Abdominal hollow viscus injury ☐ Vertebral fracture ☐ Spinal cord injury ☐ Upper limb dislocation ☐ Upper limb soft tissue injury ☐ Lower limb dislocation ☐ Lower limb soft tissue injury ☐ Vascular injury ☐ Nerve injury