



## NELA Patient Audit Dataset

### Version Control

Version	Date	Changes
2.0	24/11/2014	Changes made to dataset for 2 <sup>nd</sup> year.
2.1.1	02/04/2015	Still in hospital at 60 days answer option added to question 7.7
2.1.2	02/07/2015	Wording edited for question 2.9
3.1	01/12/2015	Changes made to dataset for 3 <sup>rd</sup> year.
3.1.1	21/03/2016	Q1.9 wording edited
4.1	01/12/2016	Changes made to dataset for 4 <sup>th</sup> year.
4.1.1	21/12/2016	Question 1.10b modified to include hospital transfers
5.1	01/12/17	Changes made to dataset for 5 <sup>th</sup> year.
6.1	01/12/18	Changes made to dataset for 6 <sup>th</sup> year. This form is to be used for admissions from 1st December 2018; Changed Q2.12 Removed Q2.12a, 2.12b Q5.2 additional indication; Hiatus Hernia/para-oesophageal hernia Q5.3a,b,c addition to procedures; Repair of para-oesophageal hernia Removal of gastric band Q7.3 text of question edited Q7.9 text of question edited for clarification
6.1.1	01/04/19	Possum Calculation removed; Q3.2, 3.25, 6.2, 6.23, Q3.1, 6.1 Updated options

This is the NELA proforma. All data entry will be carried out through an online data collection web tool. The web tool will be accessible via pc, tablets and mobiles

This audit is a continuous prospective audit with real time data collection. It is expected that clinical teams enter the data real time rather than retrospectively.

**On the NELA Webtool by default Quality Improvement (QI) questions are enabled. If you do not wish to collect data for one or more QI questions, the questions can be disabled. This is done on the NELA webtool.**

For queries, please contact [info@nela.org.uk](mailto:info@nela.org.uk)

Web tool for data entry: <https://data.nela.org.uk/>

**This form is for information purposes only.**



<b>1.</b>	<b>Demographics and Admission</b>	
<b>1.1</b>	NHS Number	
<b>1.2</b>	Pseudo-anonymisation	Computer generated
<b>1.3</b>	Local patient id/hospital number	
<b>1.4</b>	Date of birth	
	Age on arrival	<i>Age will automatically be calculated on web tool</i>
<b>1.5</b>	Sex	<input type="radio"/> Male / <input type="radio"/> Female
<b>1.6</b>	Forename	
<b>1.7</b>	Surname	
<b>1.8</b>	Postcode	
<b>1.9</b>	Date and time the patient first arrived at the hospital/Emergency department	
<b>1.10</b>	What was the nature of this admission?	<input type="radio"/> Elective / <input type="radio"/> Non-elective
<b>1.10b</b>	If non-elective, what was the initial route of admission/assessment?	<input type="radio"/> Assessed initially in Emergency Department <input type="radio"/> Assessed initially in "front of house" acute surgical assessment unit <input type="radio"/> Direct referral to ward by GP <input type="radio"/> Direct admission from Clinic <input type="radio"/> Hospital Transfer
<b>1.11</b>	Which specialty was this patient first admitted under?  <i>Do not use "other" if the patient spent a period of observation under Emergency Medicine</i>	<input type="radio"/> General surgery <input type="radio"/> General medicine <input type="radio"/> Gastroenterology <input type="radio"/> Elderly Care <input type="radio"/> Other
<b>1.12</b>	Residence before this hospital admission	<input type="radio"/> Own home/sheltered housing <input type="radio"/> Residential care <input type="radio"/> Nursing care <input type="radio"/> Unknown
<b>1.13a</b>	Is this patient known to have a Learning Disability?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>1.13b</b>	Is this patient known to have an Autistic Spectrum Disorder?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown

<b>2</b>	<b>Pre-op</b>	
	<b>If the patient is returning to theatre as an emergency following previous elective surgery, all answers should relate to the emergency laparotomy, not the previous elective surgery.</b>	
<b>2.1</b>	Date and time first seen by consultant surgeon following admission with acute abdomen. If under care of a non-surgical specialty, this should be the time 1st seen after referral to general surgeons.	Date _____ (DD/MM/YYYY) <input type="radio"/> Date not known Time _____ (HH:MM) <input type="radio"/> Time not known <input type="radio"/> Not Seen
<b>2.2</b>	Date and time that the decision was made to operate <i>If this is unavailable please enter date and time that this patient was first booked for theatre for emergency laparotomy</i>	Date _____ (DD/MM/YYYY) <input type="radio"/> Date not known Time _____ (HH:MM) <input type="radio"/> Time not known

<b>2.3</b>	Consultant responsible for surgical care at the time the decision was made to operate (this may be different to the operating consultant)	
<b>2.4</b>	Was there consultant surgeon input into the decision to operate? *can refer to situations where eg decision is made on consultant ward round pending CT results, which then confirms need for surgery #refers to situations where consultant has not seen patient but has been discussed with consultant	<input type="radio"/> Yes, consultant reviewed patient at time of decision * <input type="radio"/> Yes, following discussion with junior team member # <input type="radio"/> Decision made by junior team member <b>without</b> consultant input <input type="radio"/> Unknown
<b>2.5</b>	No Longer Required	
<b>2.6</b>	No Longer Required	
<b>2.7</b>	Was an abdominal CT scan performed in the pre-operative period as part of the diagnostic work-up?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>2.7a</b>	If performed, how was this CT reported pre-operatively? <i>(If CT is reported by a registrar and validated by a consultant <b>before</b> surgery, select "in-house consultant". If <b>not validated</b> by consultant before surgery, select "registrar")</i>	<input type="radio"/> In-house consultant <input type="radio"/> In-house Registrar <input type="radio"/> Outsourced service <input type="radio"/> Not reported pre-operatively <input type="radio"/> Unknown
<b>2.7b</b>	Was there a preoperative discussion between the radiologist and the requesting team about the CT findings?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>2.7c</b>	Was there a discrepancy between the CT report and surgical findings that altered or delayed either the diagnosis or surgical management?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>2.8a</b>	Consultant Anaesthetist involvement in planning perioperative care. <i>This can include preoperative assessment, discussion about decisions for &amp; risk/benefits of surgery, or need for critical care</i>	<input type="radio"/> Yes – seen by consultant anaesthetist in person <input type="radio"/> Yes – discussion between consultant anaesthetist & other team member (of any specialty) <input type="radio"/> No consultant anaesthetist input before surgery <input type="radio"/> Unknown
<b>2.8b</b>	Intensive care involvement in planning perioperative care. <i>This can include preoperative assessment, discussion about decisions for &amp; risk/benefits of surgery, or need for critical care</i>	<input type="radio"/> Yes – seen by consultant intensivist in person <input type="radio"/> Yes – discussion between consultant intensivist & other team member (of any specialty) <input type="radio"/> Seen by or discussion with junior ITU team member only <input type="radio"/> No intensive care input before surgery <input type="radio"/> Unknown
<b>2.9</b>	No Longer required	
<b>2.10</b>	What was the date and time of the first dose of antibiotics following presentation to hospital? <i>(only relevant for non-elective admissions)</i>	<input type="radio"/> In theatre, or Date _____ (DD/MM/YYYY) <input type="radio"/> Date not known Time _____ (HH:MM) <input type="radio"/> Time not known <input type="radio"/> Not Administered
		<input type="radio"/> Yes

<b>2.11a</b>	Was sepsis, with a NEWS $\geq 5$ or $\geq 3$ in any one variable or another diagnosis requiring urgent antibiotics e.g. peritonitis / perforation, suspected on admission?	<input type="radio"/> No <input type="radio"/> Unknown
<b>2.11b</b>	Was sepsis, with a NEWS $\geq 5$ or $\geq 3$ in any one variable and/or another diagnosis requiring urgent antibiotics e.g. peritonitis / perforation, suspected at the time the decision for surgery was made?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>2.12a</b>	No Longer required	
<b>2.12b</b>	No Longer required	
<b>2.12</b>	Using the Clinical Frailty Score (see help box), what was the patients pre-admission frailty status assessed as being?	<input type="radio"/> (1-3) - not frail <input type="radio"/> 4 - vulnerable <input type="radio"/> 5 - mildly frail <input type="radio"/> 6 - moderately frail <input type="radio"/> 7 - severely frail - completely dependent for personal care <input type="radio"/> 8 - very severely frail <input type="radio"/> 9 - Terminally ill

<b>3</b>	<b>Pre-op Risk stratification</b>	
<b>3.1</b>	Prior to surgery, what was the risk of death for the patient that was entered into medical record? <i>For info, wording of relevant standard "An assessment of mortality risk should be made explicit to the patient and recorded clearly on the consent form and in the medical record."</i>	<input type="radio"/> Lower (<5%) <input type="radio"/> High ( $\geq 5\%$ ) <input type="radio"/> Not documented
<b>3.2</b>	If documented, how was this assessment of risk made? (Please select all that apply)	<input type="checkbox"/> Risk prediction tool (e.g. NELA risk prediction tool) <input type="checkbox"/> Clinical Judgement <input type="checkbox"/> Surgical APGAR <input type="checkbox"/> Physiological criteria <input type="checkbox"/> Other e.g. hospital policy
<b>3.3</b>	What was the ASA score?	<input type="radio"/> 1: No systemic disease <input type="radio"/> 2: Mild systemic disease <input type="radio"/> 3: Severe systemic disease, not life-threatening <input type="radio"/> 4: Severe, life-threatening <input type="radio"/> 5: Moribund patient
<b>3.4</b>	What was the most recent pre-operative value for serum Creatinine (micromol/l)	<input type="text"/> <input type="radio"/> Not performed
<b>3.5</b>	What was the most recent pre-operative value for blood lactate – may be arterial or venous (mmol/l)	<input type="text"/> <input type="radio"/> Not performed
<b>3.5i</b>	What was the most recent pre-operative value for CRP (mg/l)?	<input type="text"/> <input type="radio"/> Not performed
<b>3.5ii</b>	What was the most recent pre-operative value for albumin (g/l)?	<input type="text"/> <input type="radio"/> Not performed
	<b>NELA Risk calculation</b>	
	<b>For questions, 3.6 to 3.22 please enter values closest to time of booking for theatre in order to calculate NELA Risk score. Answers should reflect chronic and acute pathophysiology.</b>	

3.6	Serum Sodium concentration (mmol/l)	
3.7	Serum Potassium concentration (mmol/l)	
3.8	Serum Urea concentration (mmol/l)	
3.9	Serum Haemoglobin concentration (g/dl)	
3.10	Serum White cell count (x10 <sup>9</sup> / l)	
3.11	Pulse rate(bpm)	
3.12	Systolic blood pressure (mmHg)	
3.13	Glasgow coma scale	
3.14	Select an option that best describes this patient's <b>ECG</b>	<input type="radio"/> No abnormalities <input type="radio"/> AF rate 60-90 <input type="radio"/> AF rate >90/ any other abnormal rhythm/paced rhythm/ >5VE/min/ Q, ST or T wave abnormalities
3.15	Select an option that best describes this patient's <b>cardiac signs</b> and chest xray appearance	<input type="radio"/> No failure <input type="radio"/> Diuretic, digoxin, antianginal or antihypertensive therapy <input type="radio"/> Peripheral oedema, warfarin Therapy or CXR: borderline cardiomegaly <input type="radio"/> Raised jugular venous pressure or CXR: cardiomegaly
3.16	Select an option that best describes this patient's <b>respiratory history</b> and chest xray appearance	<input type="radio"/> No dyspnoea <input type="radio"/> Dyspnoea on exertion or CXR: mild COAD <input type="radio"/> Dyspnoea limiting exertion to < 1 Flight or CXR: moderate COAD <input type="radio"/> Dyspnoea at rest/rate > 30 at rest or CXR: fibrosis or consolidation
3.16a	No Longer Required	
	<i>Online web tool will automatically calculate Physiology severity score</i>	
3.17	Select the <b>operative severity</b> of the intended surgical intervention (see help box for examples)	<input type="radio"/> Major <input type="radio"/> Major+
3.18	Including this operation, how many operations has the patient had in the 30 day period prior to this procedure?	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> >2
3.19	Based on your clinical experience of the intended surgery, please estimate the likely <b>intraoperative blood loss</b> (ml)	<input type="radio"/> <100 <input type="radio"/> 101-500 <input type="radio"/> 501-999 <input type="radio"/> >=1000
3.20	Please select a value that best describes the likely degree of <b>peritoneal soiling</b>	<input type="radio"/> None <input type="radio"/> Serous fluid <input type="radio"/> Localised pus <input type="radio"/> Free bowel content, pus or blood
3.21	What severity of malignancy is anticipated to be present?	<input type="radio"/> None <input type="radio"/> Primary only <input type="radio"/> Nodal metastases <input type="radio"/> Distant metastases

<b>3.22</b>	Please select <b>urgency</b> of surgical intervention (see help notes for additional information)	<input type="radio"/> 3. Expedited (>18 hours) <input type="radio"/> 2B. Urgent (6-18 hours) <input type="radio"/> 2A. Urgent (2-6 hours) <input type="radio"/> 1. Immediate (<2 hours)
	<i>Online web tool will automatically calculate Operative severity score</i>	
<b>3.23</b>	No Longer Required	
<b>3.24</b>	No Longer Required	
<b>3.25</b>	Not all investigations available for calculation of NELA Risk	<input type="radio"/>
<b>3.26</b>	Estimated mortality using NELA risk adjustment model (Figure only provided if all data available)	Calculated <input type="text"/>

<b>4</b>	<b>Intra-op</b>	
<b>4.1</b>	Date and time of entry in to operating theatre/anaesthetic room (not theatre suite)	Date _____(DD/MM/YYYY) Time _____(HH:MM) <input type="checkbox"/> Time not known
<b>4.2</b>	Senior surgeon grade (this can include surgeon supervising in theatre but not necessarily scrubbed)	<input type="radio"/> Consultant <input type="radio"/> Post-CCT fellow <input type="radio"/> SAS grade <input type="radio"/> Research Fellow / Clinical Fellow <input type="radio"/> Specialty trainee <input type="radio"/> Other
<b>4.2a</b>	Consultant present/supervising: Name/GMC/specialty of operating or supervising consultant (If consultant not present, enter name of supervising consultant)	(Please select consultant - Online) <input type="text"/>
<b>4.3</b>	Senior anaesthetist present in theatre	<input type="radio"/> Consultant <input type="radio"/> Post-CCT fellow <input type="radio"/> SAS grade <input type="radio"/> Research Fellow / Clinical Fellow <input type="radio"/> Specialty trainee <input type="radio"/> Other
<b>4.3a</b>	Consultant present (or supervising) : Name/GMC of anaesthetist (If consultant not present, enter name of supervising consultant)	(Please select consultant - Online) <input type="text"/>
<b>4.4</b>	How did you provide goal directed fluid therapy?	<input type="radio"/> Not provided <input type="radio"/> Dynamic index e.g. Stroke volume, PPV, SVV <input type="radio"/> Static index e.g. CVP <input type="radio"/> Other, eg bioimpedence

5	Procedure	
5.1	Is this the first surgical procedure of this admission?	<input type="radio"/> Yes- First surgical procedure after admission <input type="radio"/> No - Surgery for complication of previous elective general surgical procedure within the same admission <input type="radio"/> No – Previous 'non-abdominal/non-general surgical' procedure within same admission (eg previous hip replacement) <input type="radio"/> Unknown
5.2	What is the indication for surgery? <i>(Please select all that apply)</i>	<input type="radio"/> Peritonitis <input type="radio"/> Perforation <input type="radio"/> Abdominal abscess <input type="radio"/> Anastomotic leak <input type="radio"/> Intestinal fistula <input type="radio"/> Phlegmon <input type="radio"/> Pneumoperitoneum <input type="radio"/> Necrosis <input type="radio"/> Sepsis <input type="radio"/> Small bowel obstruction <input type="radio"/> Large bowel obstruction <input type="radio"/> Volvulus <input type="radio"/> Internal hernia <input type="radio"/> Pseudo-obstruction <input type="radio"/> Intussusception <input type="radio"/> Incarcerated hernia <input type="radio"/> Obstructing incisional hernia <input type="radio"/> Haemorrhage <input type="radio"/> Hiatus Hernia/para-oesophageal hernia <input type="radio"/> Ischaemia <input type="radio"/> Colitis <input type="radio"/> Abdominal wound dehiscence <input type="radio"/> Abdominal compartment syndrome <input type="radio"/> Acidosis <input type="radio"/> Iatrogenic injury <input type="radio"/> Foreign body <input type="radio"/> Planned relook

<b>5.3.a</b>	Main procedure	<ul style="list-style-type: none"> <li><input type="checkbox"/> Peptic ulcer – suture or repair of perforation</li> <li><input type="checkbox"/> Peptic ulcer – oversew of bleed</li> <li><input type="checkbox"/> Gastrectomy: partial or total</li> <li><input type="checkbox"/> Gastric surgery - other</li> <li><input type="checkbox"/> Small bowel resection</li> <li><input type="checkbox"/> Resection of Meckel’s diverticulum</li> <li><input type="checkbox"/> Repair of para-oesophageal hernia</li> <li><input type="checkbox"/> Removal of gastric band</li> <li><input type="checkbox"/> Colectomy: left (including sigmoid colectomy and anterior resection)</li> <li><input type="checkbox"/> Colectomy: right (including ileocaecal resection)</li> <li><input type="checkbox"/> Colectomy: subtotal or panproctocolectomy</li> <li><input type="checkbox"/> Hartmann’s procedure</li> <li><input type="checkbox"/> Colorectal resection - other</li> <li><input type="checkbox"/> Abdominal wall closure following dehiscence</li> <li><input type="checkbox"/> Abdominal wall reconstruction</li> <li><input type="checkbox"/> Adhesiolysis</li> <li><input type="checkbox"/> Reduction of volvulus</li> <li><input type="checkbox"/> Enterotomy</li> <li><input type="checkbox"/> Strictureplasty</li> <li><input type="checkbox"/> Drainage of abscess/collection</li> <li><input type="checkbox"/> Evacuation of haematoma</li> <li><input type="checkbox"/> Debridement</li> <li><input type="checkbox"/> Exploratory/relook laparotomy only</li> <li><input type="checkbox"/> Haemostasis</li> <li><input type="checkbox"/> Intestinal bypass</li> <li><input type="checkbox"/> Laparostomy formation</li> <li><input type="checkbox"/> Repair of intestinal perforation</li> <li><input type="checkbox"/> Repair or revision of anastomosis</li> <li><input type="checkbox"/> Repair of intestinal fistula</li> <li><input type="checkbox"/> Resection of other intra-abdominal tumour(s)</li> <li><input type="checkbox"/> Defunctioning stoma via midline laparotomy</li> <li><input type="checkbox"/> Revision of stoma via midline laparotomy</li> <li><input type="checkbox"/> Large incisional hernia repair with bowel resection</li> <li><input type="checkbox"/> Large incisional hernia repair with division of adhesions</li> <li><input type="checkbox"/> Washout only</li> <li><input type="checkbox"/> Removal of foreign body</li> <li><input type="checkbox"/> Not amenable to surgery</li> <li><input type="checkbox"/> Peptic ulcer – suture or repair of perforation</li> <li><input type="checkbox"/> Peptic ulcer – oversew of bleed</li> <li><input type="checkbox"/> Gastrectomy: partial or total</li> <li><input type="checkbox"/> Gastric surgery - other</li> <li><input type="checkbox"/> Small bowel resection</li> <li><input type="checkbox"/> Resection of Meckel’s diverticulum</li> <li><input type="checkbox"/> Colectomy: left (including sigmoid colectomy and anterior resection)</li> <li><input type="checkbox"/> Colectomy: right (including ileocaecal resection)</li> </ul>
<b>5.3.b</b>	Second procedure (at same laparotomy)	<ul style="list-style-type: none"> <li><input type="checkbox"/> Colectomy: subtotal or panproctocolectomy</li> <li><input type="checkbox"/> Hartmann’s procedure</li> <li><input type="checkbox"/> Colorectal resection – other</li> <li><input type="checkbox"/> Splenectomy</li> <li><input type="checkbox"/> Abdominal wall closure following dehiscence</li> <li><input type="checkbox"/> Abdominal wall reconstruction</li> <li><input type="checkbox"/> Abdominal hernia repair</li> <li><input type="checkbox"/> Adhesiolysis</li> </ul>
<b>5.3.c</b>	Third procedure (at same laparotomy)	<ul style="list-style-type: none"> <li><input type="checkbox"/> Colectomy: subtotal or panproctocolectomy</li> <li><input type="checkbox"/> Hartmann’s procedure</li> <li><input type="checkbox"/> Colorectal resection – other</li> <li><input type="checkbox"/> Splenectomy</li> <li><input type="checkbox"/> Abdominal wall closure following dehiscence</li> <li><input type="checkbox"/> Abdominal wall reconstruction</li> <li><input type="checkbox"/> Abdominal hernia repair</li> <li><input type="checkbox"/> Adhesiolysis</li> </ul>



		<input type="checkbox"/> Reduction of volvulus <input type="checkbox"/> Enterotomy <input type="checkbox"/> Strictureplasty <input type="checkbox"/> Drainage of abscess/collection <input type="checkbox"/> Evacuation of haematoma <input type="checkbox"/> Debridement <input type="checkbox"/> Haemostasis <input type="checkbox"/> Intestinal bypass <input type="checkbox"/> Laparostomy formation <input type="checkbox"/> Repair of intestinal perforation <input type="checkbox"/> Repair or revision of anastomosis <input type="checkbox"/> Repair of intestinal fistula <input type="checkbox"/> Resection of other intra-abdominal tumour(s) <input type="checkbox"/> Defunctioning stoma via midline laparotomy <input type="checkbox"/> Revision of stoma via midline laparotomy <input type="checkbox"/> Large incisional hernia repair with bowel resection <input type="checkbox"/> Large incisional hernia repair with division of adhesions <input type="checkbox"/> Removal of foreign body
5.4	Procedure approach	<input type="checkbox"/> Open <input type="checkbox"/> Laparoscopic <input type="checkbox"/> Laparoscopic assisted <input type="checkbox"/> Laparoscopic converted to open
5.5	Operative findings: <i>(Please select all that apply)</i> <i>If unsure whether this patient is eligible for NELA please refer to help box</i>	<input type="checkbox"/> Abscess <input type="checkbox"/> Anastomotic leak <input type="checkbox"/> Perforation – peptic ulcer <input type="checkbox"/> Perforation – small bowel/colonic <input type="checkbox"/> Diverticulitis <input type="checkbox"/> Intestinal fistula <input type="checkbox"/> Adhesions <input type="checkbox"/> Incarcerated hernia <input type="checkbox"/> Volvulus <input type="checkbox"/> Internal hernia <input type="checkbox"/> Intussusception <input type="checkbox"/> Stricture <input type="checkbox"/> Pseudo-obstruction <input type="checkbox"/> Gallstone ileus <input type="checkbox"/> Meckel’s diverticulum <input type="checkbox"/> Malignancy – localised <input type="checkbox"/> Malignancy – disseminated <input type="checkbox"/> Colorectal cancer <input type="checkbox"/> Gastric cancer <input type="checkbox"/> Haemorrhage – peptic ulcer <input type="checkbox"/> Haemorrhage – intestinal <input type="checkbox"/> Haemorrhage – postoperative <input type="checkbox"/> Ulcerative colitis <input type="checkbox"/> Other colitis <input type="checkbox"/> Crohn's disease <input type="checkbox"/> Abdominal compartment syndrome <input type="checkbox"/> Intestinal ischaemia <input type="checkbox"/> Necrotising fasciitis <input type="checkbox"/> Foreign body <input type="checkbox"/> Stoma complications <input type="checkbox"/> Abdominal wound dehiscence

		<input type="radio"/> Normal intra-abdominal findings <input type="radio"/> None or reactive serous fluid only <input type="radio"/> Free gas from perforation +/- minimal contamination <input type="radio"/> Pus <input type="radio"/> Bile <input type="radio"/> Gastro-duodenal contents <input type="radio"/> Small bowel contents <input type="radio"/> Faeculent fluid <input type="radio"/> Faeces <input type="radio"/> Blood/haematoma
<b>5.6</b>	Please describe the peritoneal contamination present <i>(select all that apply)</i>	
<b>5.7</b>	Please indicate if the contamination was;	<input type="radio"/> Localised to a single quadrant of the abdomen <input type="radio"/> More extensive / generalised

<b>6</b>	<b>Post-op Risk stratification</b>	
<b>6.1</b>	At the end of surgery, what was the risk of death for the patient that was entered into medical record?	<input type="radio"/> Lower (<5%) <input type="radio"/> High (>=5%) <input type="radio"/> Not documented
<b>6.2</b>	How was this assessment of risk made? (Please select all that apply)	<input type="checkbox"/> Risk prediction tool (e.g. NELA risk prediction) <input type="checkbox"/> Clinical Judgement <input type="checkbox"/> Surgical APGAR score <input type="checkbox"/> Physiological criteria <input type="checkbox"/> Other, e.g. hospital policy
<b>6.3</b>	Blood lactate – may be arterial or venous (mmol/l)	<input type="text"/> <input type="checkbox"/> Not performed
	<b>Post-operative NELA Risk calculation</b> Q 6.4 – 6.14 No Longer Required	
	Physiology severity score:	
<b>6.15</b>	What was the operative severity? (see help box for examples)	<input type="radio"/> Major <input type="radio"/> Major+
<b>6.16</b>	Including this operation, how many operations has the patient had in the 30 day period prior to this procedure?	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> >2
<b>6.17</b>	Please select this patient's measured/estimated intraoperative blood loss (ml)	<input type="radio"/> <100 <input type="radio"/> 101-500 <input type="radio"/> 501-1000 <input type="radio"/> >1000
<b>6.18</b>	Please select the option that best describes this patient's degree of peritoneal soiling	<input type="radio"/> None <input type="radio"/> Serous fluid <input type="radio"/> Local pus <input type="radio"/> Free bowel content, pus or blood
<b>6.19</b>	What was the level of malignancy based on surgical findings	<input type="radio"/> None <input type="radio"/> Primary only <input type="radio"/> Nodal metastases <input type="radio"/> Distant metastases
<b>6.20</b>	What was the NCEPOD urgency? <i>(see help notes for additional information)</i>	<input type="radio"/> 3. Expedited (>18 hours) <input type="radio"/> 2B. Urgent (6-18 hours) <input type="radio"/> 2A. Urgent (2-6 hours) <input type="radio"/> 1. Immediate (<2 hours)
	<i>Online web tool will automatically calculate Operative severity score</i>	

6.21	No Longer Required	
6.22	No Longer Required	
6.23	Not all investigations available for calculation of NELA Risk	<input type="radio"/>
6.24	Where did the patient go for continued post-operative care following surgery?	<input type="radio"/> Ward <input type="radio"/> Critical Care ( <i>includes Level 2 HDU or Level 3 ICU</i> ) <input type="radio"/> Other enhanced care area (eg PACU) <input type="radio"/> Died prior to discharge from theatre complex
6.24a	At the end of surgery, was the decision made to place the patient on an end of life pathway?	<input type="radio"/> Yes <input type="radio"/> No
6.25	No Longer Required	
6.26	Estimated mortality using NELA risk adjustment model ( <i>Figure only provided if all data available</i> )	Calculated <input type="text"/>

<b>7</b>	<b>Post-op – Some fields will need to be completed on discharge or death</b>	
7.1	Total length of post-operative critical care stay (rounded up to whole days). <i>Includes both ICU and HDU stay -see help box for additional information. Do not include LOS in PACU/other enhanced recovery area</i>	<input type="text"/> Number required
7.2	No Longer Required	
7.3	For patients aged 65 or older, was the patient assessed by a specialist from Elderly Medicine in any part of the perioperative period? ( <i>Can include physician or nurse specialist</i> )	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
7.4	Within this admission, did the patient have an <b>unplanned or planned</b> return to theatre in the post-operative period following their initial emergency laparotomy?	<input type="radio"/> Yes; unplanned return <input type="radio"/> Yes; planned return <input type="radio"/> Yes; unplanned AND planned return <input type="radio"/> No <input type="radio"/> Unknown
7.4a	What was the main indication for the <b>unplanned</b> return to theatre? ( <i>Select most significant reason</i> )	<input type="radio"/> Anastomotic leak <input type="radio"/> Abscess <input type="radio"/> Bleeding or Haematoma <input type="radio"/> Decompression of abdominal compartment syndrome <input type="radio"/> Bowel obstruction <input type="radio"/> Abdominal wall dehiscence <input type="radio"/> Accidental damage to bowel or other organ <input type="radio"/> Stoma viability or retraction <input type="radio"/> Ischaemia/non-viable bowel <input type="radio"/> Sepsis/inadequate source control <input type="radio"/> Deteriorating patient <input type="radio"/> Missed pathology at first laparotomy <input type="radio"/> Other <input type="radio"/> Unknown

<b>7.4b</b>	What was the main indication for the <b>planned</b> return to theatre? <i>(Select most significant)</i>	<input type="radio"/> Removal of packs / ensure haemostasis / washout <input type="radio"/> Closure of laparostomy <input type="radio"/> Removal of bogota bag / formation of formal laparostomy with mesh / vac dressing insertion <input type="radio"/> Definitive procedure following "damage control surgery" +/- stoma formation, +/- restoration of intestinal continuity <input type="radio"/> Assess viability of GI tract, +/- stoma formation, +/- restoration of intestinal continuity <input type="radio"/> Other <input type="radio"/> Unknown
<b>7.5</b>	Did the patient have an unplanned move <b>from the ward</b> to a higher level of care within 7 days of surgery? (do not include moves from HDU to ITU, or escalation from other enhanced area/PACU)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
<b>7.6</b>	No Longer Required	
<b>7.7</b>	Status at discharge	<input type="radio"/> Dead <input type="radio"/> Alive <input type="radio"/> Still in hospital at 60 days
<b>7.8</b>	Date discharged from hospital	(DD/MM/YYYY) <input type="text"/> Date required
<b>7.9</b>	Discharge destination; <i>(please do not mark 'own home' if patient will be returning back to the same residential or nursing home they resided in before admission.)</i>	<input type="radio"/> Own home/sheltered housing <input type="radio"/> Residential care <input type="radio"/> Nursing care <input type="radio"/> Hospital transfer for medical reasons <input type="radio"/> Rehab/step down unit <input type="radio"/> unknown