



## NELA HES Algorithm – OPCS Codes

The following OPCS codes indicate procedures **potentially valid** as an emergency laparotomy if they are the OPCS code for the first emergency operative procedure during the admission.

G01	EXCISION OF OESOPHAGUS AND STOMACH	
G27	TOTAL EXCISION OF STOMACH	1
G28	PARTIAL EXCISION OF STOMACH	1
G29	OPEN EXTIRPATION OF LESION OF STOMACH	1
G31	CONNECTION OF STOMACH TO DUODENUM	
G32	CONNECTION OF STOMACH TO TRANSPOSED JEJUNUM	
G33	OTHER CONNECTION OF STOMACH TO JEJUNUM	
G35	OPERATIONS ON ULCER OF STOMACH	1
G36	OTHER REPAIR OF STOMACH	1
G38	OTHER OPEN OPERATIONS ON STOMACH	1
G49	EXCISION OF DUODENUM	1
G51	BYPASS OF DUODENUM	
G52	OPERATIONS ON ULCER OF DUODENUM	1
G53	OTHER OPEN OPERATIONS ON DUODENUM	
G532	CLOSURE OF PERFORATION OF DUODENUM NEC	1
G58	EXCISION OF JEJUNUM	1
G61	BYPASS OF JEJUNUM	
G63	OTHER OPEN OPERATIONS ON JEJUNUM	
G633	CLOSURE OF PERFORATION OF JEJUNUM	1
G69	EXCISION OF ILEUM	1
G70	OPEN EXTIRPATION OF LESION OF ILEUM	
G71	BYPASS OF ILEUM	
G72	OTHER CONNECTION OF ILEUM	
G73	ATTENTION TO CONNECTION OF ILEUM	
G74	CREATION OF ARTIFICIAL OPENING INTO ILEUM	2
G75	ATTENTION TO ARTIFICIAL OPENING INTO ILEUM	
G76	INTRA-ABDOMINAL MANIPULATION OF ILEUM	
G78	OTHER OPEN OPERATIONS ON ILEUM	
G784	CLOSURE OF PERFORATION OF ILEUM	1
H04	TOTAL EXCISION OF COLON AND RECTUM	1
H05	TOTAL EXCISION OF COLON	1
H06	EXTENDED EXCISION OF RIGHT HEMICOLON	1
H07	OTHER EXCISION OF RIGHT HEMICOLON	1
H08	EXCISION OF TRANSVERSE COLON	1
H09	EXCISION OF LEFT HEMICOLON	1
H10	EXCISION OF SIGMOID COLON	1
H11	OTHER EXCISION OF COLON	1
H12	EXTIRPATION OF LESION OF COLON	
H13	BYPASS OF COLON	
H141	TUBE CAECOSTOMY	2
H151	LOOP COLOSTOMY	2
H152	END COLOSTOMY	2

H16	INCISION OF COLON	
H17	INTRA-ABDOMINAL MANIPULATION OF COLON	
H19	OTHER OPEN OPERATIONS ON COLON	
H29	SUBTOTAL EXCISION OF COLON	1
H33	EXCISION OF RECTUM	1
H66	THERAPEUTIC OPERATIONS ON ILEOANAL POUCH	1
L703	LIGATION OF ARTERY NEC	
T28	OTHER REPAIR OF ANTERIOR ABDOMINAL WALL	
T30	OPENING OF ABDOMEN	
T34	OPEN DRAINAGE OF PERITONEUM	
T36	OPERATIONS ON OMENTUM	
T41	OTHER OPEN OPERATIONS ON PERITONEUM	3
T42	THERAPEUTIC ENDOSCOPIC OPERATIONS ON PERITONEUM	
T423	ENDOSCOPIC DIVISION OF ADHESIONS OF PERITONEUM	3
T463	IRRIGATION OF PERITONEAL CAVITY	

### Key

1. These procedures occur as part of a repair of any type of hernia; the hernia repair meets the inclusion criteria (NB they are also eligible as procedures in their own right)
2. This procedure meets the inclusion criteria for stoma formation if the procedure was not laparoscopic (Y75 procedures) if associated with obstruction (including volvulus, adhesions, malignancy), peritonitis, diverticulitis or fistulae
3. If this procedure (freeing of adhesions) occurs as part of a repair of an incisional hernia, it meets the inclusion criteria.

**The following codes are not considered to be an emergency laparotomy if performed as a follow-up to an initial procedure that was ineligible**

T36	Operations on omentum eg omentectomy, biopsy of lesion of omentum
T411	Other open operations on peritoneum: Open biopsy of lesion of peritoneum NEC
T418	Other open operations on peritoneum: Other specified
T419	Other open operations on peritoneum: Unspecified

**Not all of these procedures are considered eligible for NELA (see Inclusion/Exclusion criteria)**

**Any procedure** is considered **ineligible** if the main diagnosis code (what becomes diag\_01 in HES) for the episode of care is classified under one of the following groups of ICD-10 codes (see page 4):

- Ascites
- Ineligible Cancer in an elective admission only
- Obs & Gynae

*(Previously eligible if the first procedure involved resection/incision of the bowel)*

- AAA/Aortic dissection
- Liver conditions
- Male
- Pancreatic disease
- Renal disease
- Trauma

*(Previously eligible as a re-operation to an ineligible procedure)*

Or it is one of the OPCS listed below when performed under the following treating speciality codes: 501 (Obstetrics), 502 (Gynaecology), 503 (Gynaecological oncology):

L703 LIGATION OF ARTERY NEC  
T28 OTHER REPAIR OF ANTERIOR ABDOMINAL WALL  
T30 OPENING OF ABDOMEN  
T34 OPEN DRAINAGE OF PERITONEUM  
T36 OPERATIONS ON OMENTUM  
T41 OTHER OPEN OPERATIONS ON PERITONEUM  
T42 THERAPEUTIC ENDOSCOPIC OPERATIONS ON PERITONEUM  
T463 IRRIGATION OF PERITONEAL CAVITY

*(Previously eligible as a re-operation to an ineligible procedure)*

The HES admission method is used to classify whether a procedure is emergency or elective.

### **Ineligible ICD-10 codes**

**Ascites:** R18

**Ineligible Cancer:** C21 - C25, C261, C51 - C55, C57, C60 - C62, C64 - C68, D30, D41, D73

**Obs & Gynae:** Relevant ICD-10 codes beginning with N; Any ICD-10 code beginning with O

**AAA/Aortic dissection:** I71, I72, I790

**Liver conditions:** K70 - K77, R16 - R17

**Male:** N40 - N51

**Pancreatic disease:** K85, K86

**Renal disease:** N00 – N39, N990, N991, N995, N998, N999

**Trauma:** Any ICD-10 code beginning with S except S31, S35, S36