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
G28 PARTIAL EXCISION OF STOMACH
G29 OPEN EXTIRPATION OF LESION OF STOMACH
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
G36 OTHER REPAIR OF STOMACH
G38 OTHER OPEN OPERATIONS ON STOMACH
G39 EXCISION OF DUODENUM
G51 BYPASS OF DUODENUM
G52 OPERATIONS ON ULCER OF DUODENUM
G53 OTHER OPEN OPERATIONS ON DUODENUM
G532 CLOSURE OF PERFORATION OF DUODENUM NEC
G58 EXCISION OF JEJUNUM
G61 BYPASS OF JEJUNUM
G63 OTHER OPEN OPERATIONS ON JEJUNUM
G633 CLOSURE OF PERFORATION OF JEJUNUM
G69 EXCISION OF ILEUM
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
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
H04 TOTAL EXCISION OF COLON AND RECTUM
H05 TOTAL EXCISION OF COLON
H06 EXTENDED EXCISION OF RIGHT HEMICOLOM
H07 OTHER EXCISION OF RIGHT HEMICOLOM
H08 EXCISION OF TRANSVERSE COLON
H09 EXCISION OF LEFT HEMICOLOM
H10 EXCISION OF SIGMOID COLON
H11 OTHER EXCISION OF COLON
H12 EXTRIPATION OF LESION OF COLON
H13 BYPASS OF COLON
H141 TUBE CAECOSTOMY
H151 LOOP COLOSTOMY
H152 END COLOSTOMY
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 ABDOOMEN
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. The 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 & Gynaec
(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):
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