Technical Guidance for
Surgical Workload Audit and Research Database:

Anti – Reflux Surgery

V1.0
Contents

1. The Indicators ..............................................................................................................3
   1.1. Activity Volume ..................................................................................................3
   3.2. Average Length of Stay (Days) ..........................................................................3
   3.3. 2/7/30 day Re-admission Rate (%) ....................................................................3
   3.4. Re-operations within 30 days (%) ......................................................................3
   3.5. Day case Rates (%) ..........................................................................................4
   3.6. Short Stay Rates (%) .........................................................................................4
   3.7. Laparoscopic reflux procedures converted to open (%) ......................................4
   3.8. Recurrent fundoplication (%) ............................................................................5
   3.9. Proportion of laparoscopic procedures ..............................................................5
4. Interventions and Code Sets ......................................................................................6
   4.1. Antireflux procedure using abdominal approach - Open .....................................6
   4.2. Antireflux procedure using abdominal approach - Laparoscopic .......................6
1. The Indicators

1.1. Activity Volume

Methodology: Count of all elective activity.
Data Source: HES (Hospital Episode Statistics)

3.2. Average Length of Stay (Days)

Numerator: Number of elective bed days (excluding daycase)
Denominator: Number of elective spells (excluding daycase)
Methodology: Average
Data Source: HES (Hospital Episode Statistics)

3.3. 2/7/30 day Re-admission Rate (%)

Numerator: Total number of emergency re-admissions within 2/7/30 days of discharge
Denominator: Total number of discharges following an elective admission
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Re-admission is attributed to the consultant responsible for the patient in the initial admission.

3.4. Re-operations within 30 days (%)

Numerator: Total number of re-operations within 30 days of discharge
Denominator: Total number of discharges following an elective admission
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)
Note: Re-operations are attributed to the consultant responsible for the patient in the initial admission.
3.5. Day case Rates (%)

Numerator: Number of elective procedures carried out as a daycase
Denominator: Total number of elective procedures carried out
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)

Note: Daycase is classified as a patient who is coded as having a 0 day length of stay by checking the admission and discharge dates are the same.

3.6. Short Stay Rates (%)

Numerator: Number of elective patients admitted and discharged within 48hrs
Denominator: Total number of elective patients discharged
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)

Note:

3.7. Laparoscopic reflux procedures converted to open (%)

Numerator: Number of elective patients undergoing laparoscopic reflux procedure with a Y714 (Failed minimal access approach converted to open) in any secondary procedure field.
Denominator: Total number of elective patients undergoing laparoscopic reflux procedure
Methodology: Percentage
Data Source: HES (Hospital Episode Statistics)

Note:
3.8. Recurrent fundoplication (%)

Numerator: Number of elective patients who have undergone a laparoscopic reflux fundoplication procedure with a subsequent G251 (Revision of fundoplication of stomach) in any secondary procedure field.

Denominator: Total number of elective patients undergoing a laparoscopic reflux fundoplication procedure G423 (Antireflux fundoplication using abdominal approach)

Methodology: Percentage

Data Source: HES (Hospital Episode Statistics)

Note:

3.9. Proportion of laparoscopic procedures

Numerator: Number of elective reflux patients who have undergone a laparoscopic procedure.

Denominator: Total number of elective procedures carried out

Methodology: Percentage

Data Source: HES (Hospital Episode Statistics)

Note:
4. Interventions and Code Sets

4.1. Antireflux procedure using abdominal approach - Open

Primary OPCS:
G24.3: Antireflux fundoplication using abdominal approach

Secondary OPCS:
N/A

Primary ICD-10:
K21: Gastro-oesophageal reflux disease

4.2. Antireflux procedure using abdominal approach - Laparoscopic

Primary OPCS:
G24.3: Antireflux fundoplication using abdominal approach

Secondary OPCS:
Y75.1: Laparoscopically assisted approach to abdominal cavity
Y75.2: Laparoscopic approach to abdominal cavity NEC

Primary ICD-10:
K21: Gastro-oesophageal reflux disease