



**Technical Guidance for
Surgical Workload Audit and Research Database:
Anti – Reflux Surgery**

V1.0



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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