

The burden of emergency re-operations post bariatric surgery: experience from a tertiary centre

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Disclosure

No conflict of interest ot report





Obesity in the UK

1 in 3 adults live with obesity

3rd place in G7/Europe



Background

Bariatric surgery through the NHS

Accessibility?

Waiting lists?

COVID?

Patients choose to travel abroad/seek private surgery

Cost?

Accessibility?



Background

Issues with travelling abroad

Unknown burden of complications

Loss of follow up for nutritional support or revisional surgery



NAPOLI
2023

Aim

To assess the burden of emergency bariatric surgery at our unit, a high-volume, tertiary centre in the UK






Methods

- **Cohort study**
- **All patients undergoing interventions to diagnose or treat bariatric emergencies were included, excluding RTT**
 - Sep 2018 – Nov 2022
- **Data collected:**
 - Location (our unit, UK or abroad)
 - Type of secondary procedure
 - Length of stay
 - Mortality

Results

- 155 patients had bariatric re-interventions
- 201 procedures
- Median age - 43 years
- 79.7% were female
- Mean BMI=37

Results

Index Surgery	Local (L&D) 	Other UK Centres 	Abroad 
RYGB	46 (65.7%)	7 (10.8%)	9 (26.5%)
Gastric sleeve	15 (27%)	4 (8.1%)	10 (29.4%)
Gastric balloon	4 (4.3%)	10 (14.1%)	9 (26.5%)
Gastric band	2	30 (67%)	6 (17.6%)
Band to sleeve	1		
Sleeve to bypass	2		
Total	70	51	34

Results

Local Cohort

- Lap washout of collection (n=15, 19%)
- OGD (n=13, 16%)
- Re-do jejunum-jejunal anastomosis (n=9, 11.4%)

Other UK Centres Cohort

- Gastric Band removals (41%)
- Complications post RYGB (21%)
- OGD and removal of gastric balloon (15%)

Results

Abroad

- Presentation post gastric sleeve (41%)
- Revision of sleeve to bypass (19%)
- Presentation post RYGB (n=15, 29%)
- OGD (n=16, 31%)
- OGD and balloon removal (n=9, 17.6%)
- Lap removal of gastric band (n=5, 9.8%)

Results

The median length of stay was 4 days (IQR 2-13)

Mortality
2%

Conclusion

55% of our emergency bariatric patients had their index procedure elsewhere

- 33% UK
- 22% abroad

Predicted increase in emergency bariatric activity

With increasing demand, emphasis falls on the importance of established regional networks

National Emergency Bariatric Surgery Audit



Aims:

To study the current trends and in managing bariatric surgical emergency admissions in the UK



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Thank You!

