

# 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**

**3<sup>rd</sup> 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!

