

Safety and effectiveness of conversion from Adjustable Gastric Band to Ring-augmented Roux-en-Y Gastric Bypass

COURTESY

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September 6 2024, IFSO World Melbourne

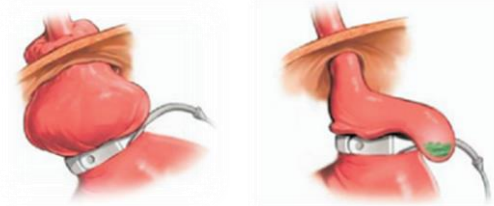
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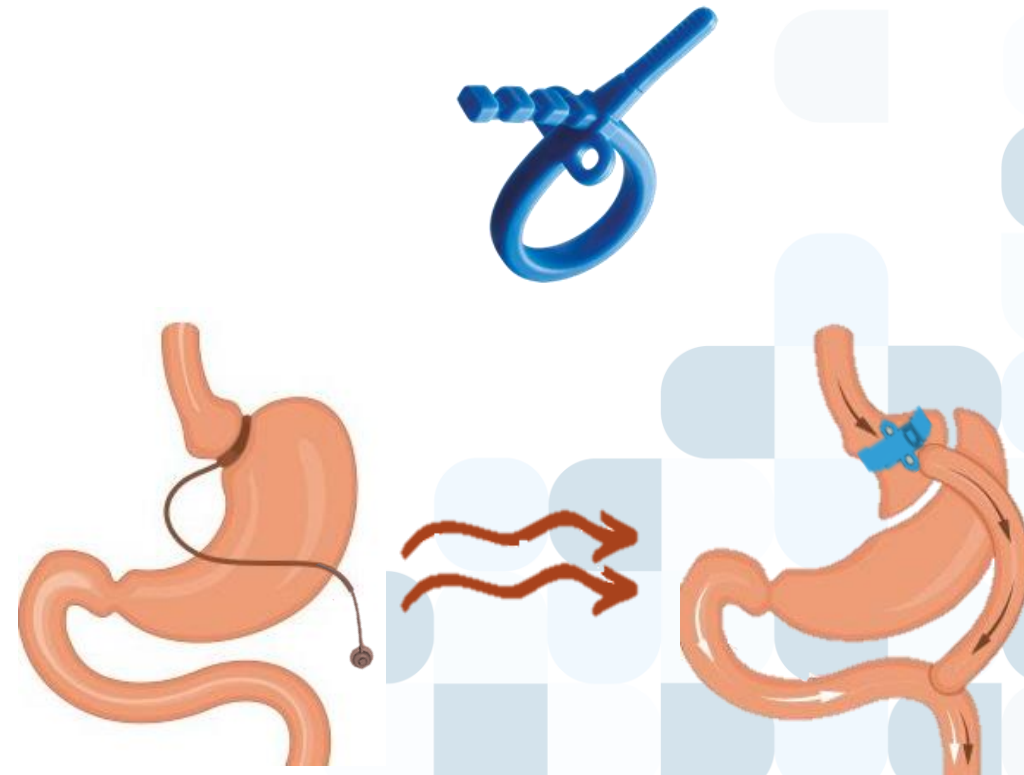
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Introduction

- Adjustable Gastric Band (AGB): long-term failure rate of 20 – 56%
 - Pouch dilatation
 - Band slippage
- Current literature:
 - Safe conversion to RYGB
 - No usage of the ring (MiniMizer)



Aim: evaluating the safety and effectiveness of a Ring-augmented RYGB (RaRYGB) after AGB



Methods

 All AGB to RaRYGB conversions between January 2016 and October 2023

- 1-year follow-up outcome measures
 - Total Weight Loss (%TWL)
 - Cumulative %TWL
 - (MiniMizer related) complications
 - Comorbidity resolution

Results: study population



N = 240



N = 195 (81.3%)



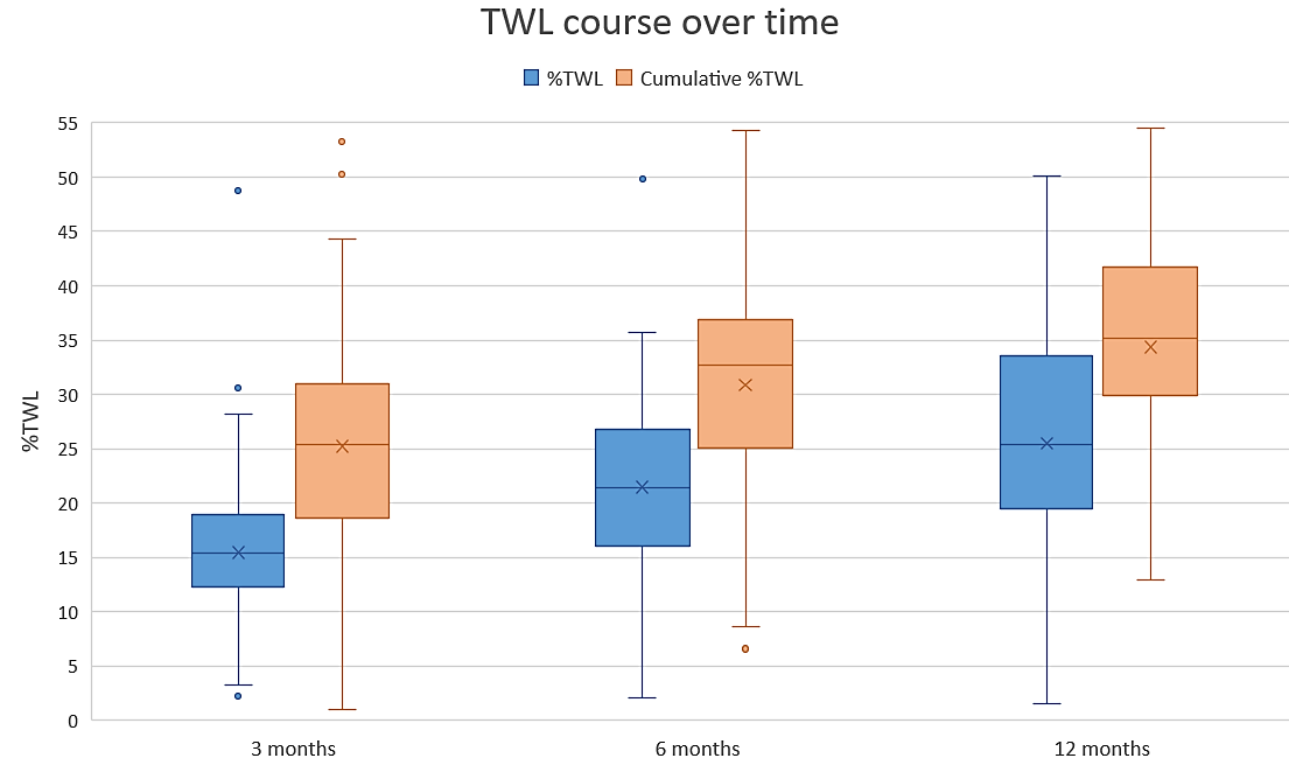
50 years (43 – 56)



41.2 kg/m² (\pm 5.7)

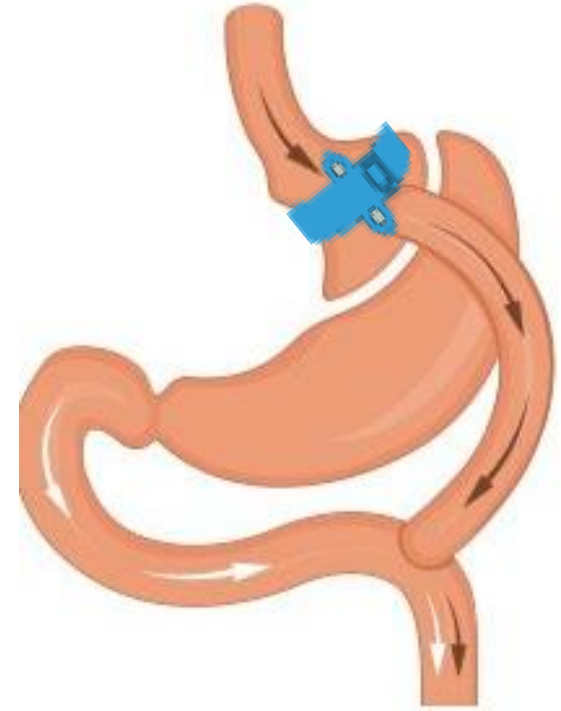
Results: weight & complications

- %TWL after 1 year
 - After conversion: 25.1%
 - Cumulative: 33.4%
- 8 complications $\geq 3b$ (3.3%)
 - Internal herniation
 - Pouch revision
 - Anastomotic leakage

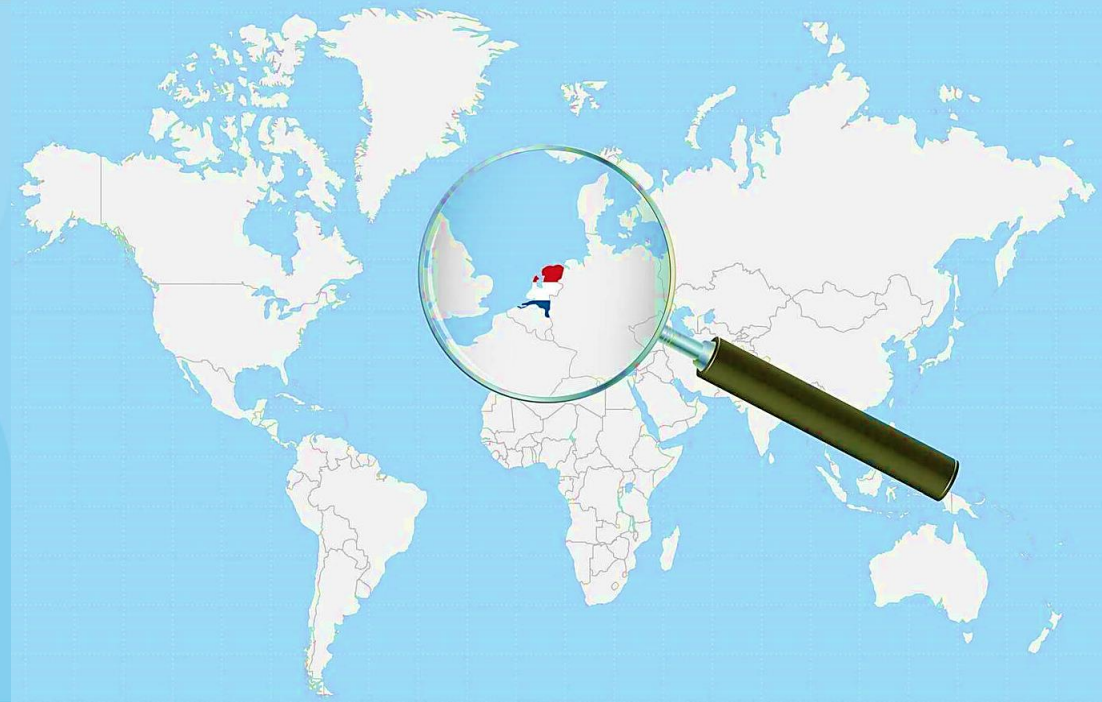


Discussion & Conclusion

- 25.1% TWL and 33.4% cumulative TWL
 - Superior to conversion from AGB to standard RYGB
 - Comparable to a primary RYGB
- Low serious complication rate of 3.3%



The Ring-augmented RYGB is a valid conversion method after an Adjustable Gastric Band



Questions?

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