

# *Comparison of Weight Loss Outcomes Between a Combined RYGB Revisional Technique and Sleeve to RYGB Conversion in the Setting of Weight Regain*

Arturo Estrada, Humberto Rodriguez-Quintero, Ya Zhou, Erin Moran-Atkin, Jenny Choi, Diego Camacho

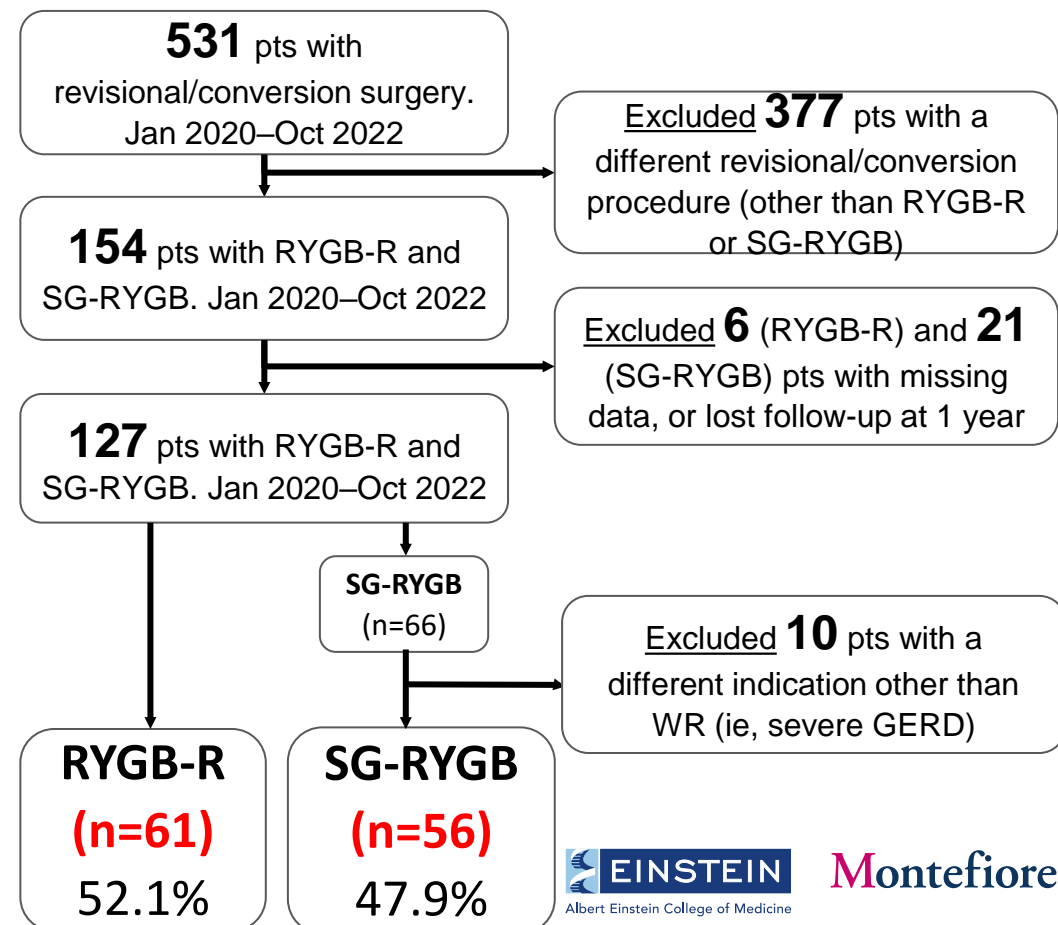
## Background

- Weight regain after SG and RYGB is common.
- Limited evidence to guide surgical management.
- 2 most common procedures:
  - > **RYGB-R**: RYGB revision (JJD + Pouch/stoma resize)
  - > **SG-RYGB**: SG conversion to RYGB

## Study Objectives

- **Primary objective:** compare the **weight loss outcomes** between **RYGB-R** and **SG-RYGB** at one-year follow-up.
- **Secondary objectives:** differences in perioperative characteristics and complication rates one year after surgery.

## Methods

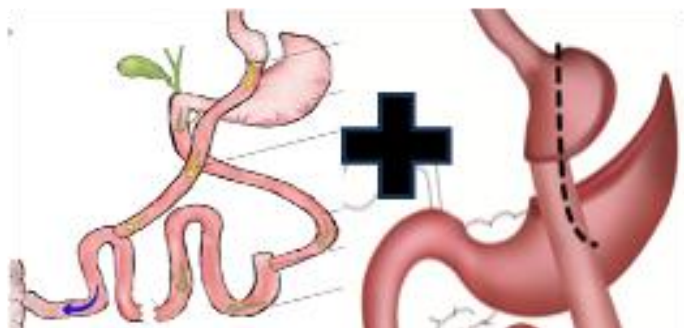


# Comparison of Weight Loss Outcomes Between a Combined RYGB Revisional Technique and Sleeve to RYGB Conversion in the Setting of Weight Regain

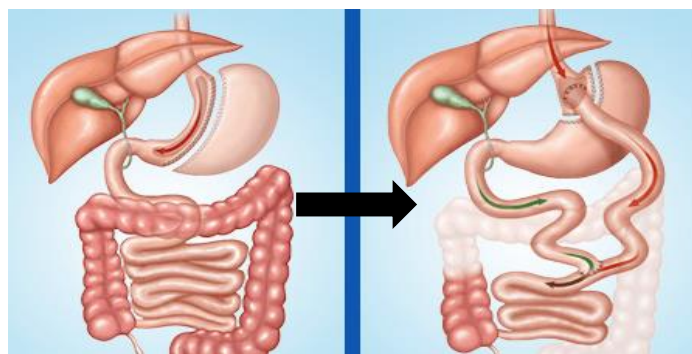
Arturo Estrada, Humberto Rodriguez-Quintero, Ya Zhou, Erin Moran-Atkin, Jenny Choi, Diego Camacho

## Surgical technique

**RYGB Revision:** Distalization + Pouch resize

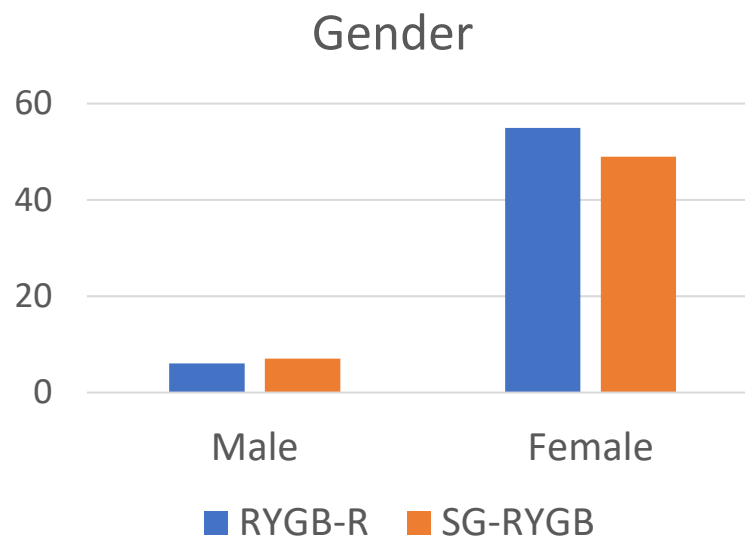


**Sleeve conversion to RYGB**



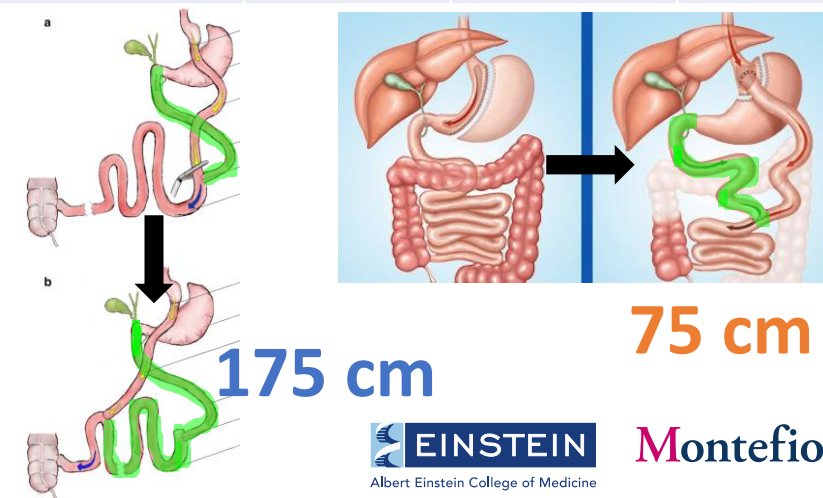
## Demographics

Median age: **47 years** (IQR: 37-51)



## Perioperative findings

	RYGB-R	SG-RYGB	p Value
Operative time (min), median	<b>102</b>	<b>130</b>	<0.001
BPL (cm), median	<b>175</b>	<b>75</b>	<0.001



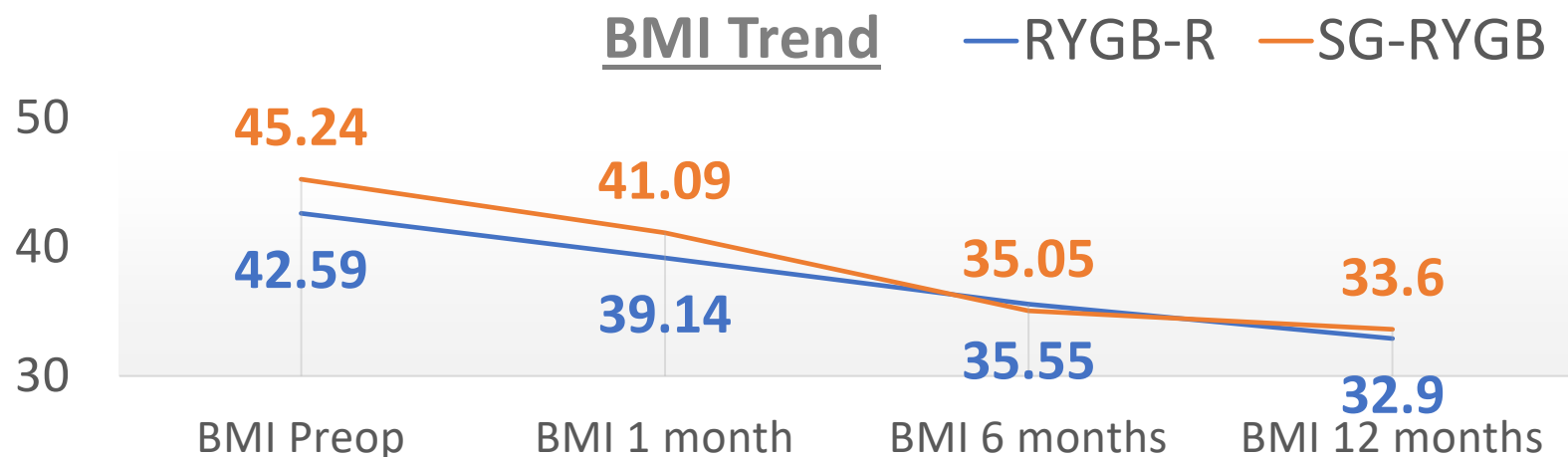
**EINSTEIN**  
Albert Einstein College of Medicine

**Montefiore**

# Comparison of Weight Loss Outcomes Between a Combined RYGB Revisional Technique and Sleeve to RYGB Conversion in the Setting of Weight Regain

Arturo Estrada, Humberto Rodriguez-Quintero, Ya Zhou, Erin Moran-Atkin, Jenny Choi, Diego Camacho

## Weight Loss Outcomes



Outcome	RYGB-R	SG-RYGB	p Value
% TBWL: Total Body Weight Loss	<b>22.18</b>	<b>22.56</b>	0.44
% EWL: Excess Weight Loss	<b>51.87</b>	<b>50.79</b>	0.90
% EBMI: Excess BMI Loss	<b>54.47</b>	<b>53.05</b>	0.63

## Complications

Complication	RYGB-R	SG-RYGB
Number (n)	<b>3</b>	<b>5</b>
Complication Type	- SBO - Internal Hernia - Deep SSI	- Marginal Ulcer x3 - Internal Hernia - RLE DVT

## Conclusions

*Both procedures are safe and effective, with substantial improvement in weight loss and low complication rates at one year.*