

Weight recidivism after sleeve
gastrectomy
For: revisional surgery is the answer

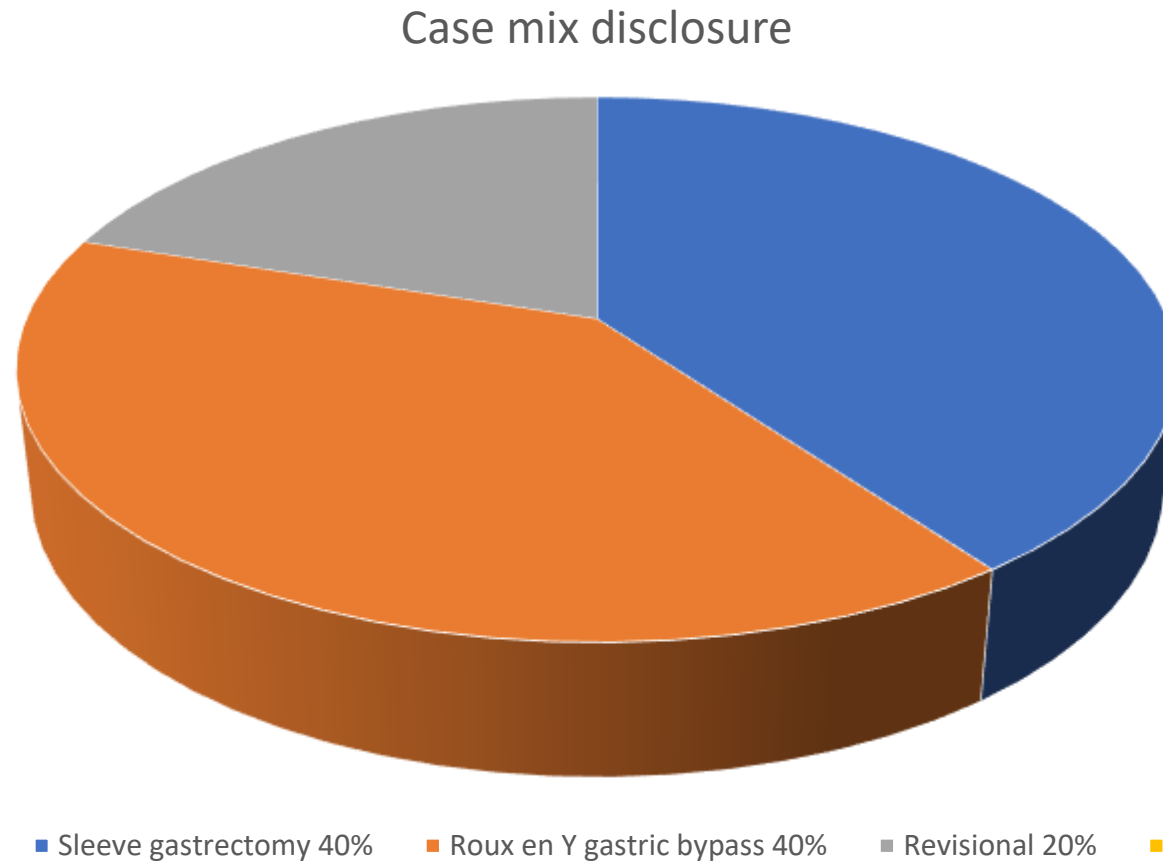
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IFSO Napoli 2023

Diclosures

- I have no potential conflict of interest

Case mix disclosure



recidivism

/rɪˈsɪdɪvɪz(ə)m/

noun

noun: **recidivism**

1. the tendency of a convicted criminal to reoffend.

"the prison has succeeded in reducing recidivism"



Review article

Current state of the definition and terminology related to weight recurrence after metabolic surgery: review by the POWER Task Force of the American Society for Metabolic and Bariatric Surgery

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Received 2 April 2022; accepted 17 April 2022

- ASMBS postoperative weight recurrence task force (POWER)
- Metaanalysis 400 articles with 25 definitions
- Adoption of oncological terminology

- Primary responder
- Primary nonresponder
 - Suboptimal weight loss
- Secondary nonresponder
 - Recurrent weight regain



Weight-Related Outcomes After Revisional Bariatric Surgery in Patients with Non-response After Sleeve Gastrectomy—a Systematic Review

Stephan Axer^{1,2} · Hans Lederhuber³ · Franziska Stiede⁴ · Eva Szabo⁵ · Ingmar Näslund⁵

Received: 7 January 2023 / Revised: 1 May 2023 / Accepted: 4 May 2023 / Published online: 20 May 2023
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Key Points

- Weight non-response after sleeve gastrectomy is a growing issue.
 - Five revisional procedures were compared in this systematic review.
 - Data heterogeneity and critical risk of bias limit meaningful comparisons.
 - Prospective randomised studies and standardised outcome measures are needed.
-

Obesity is a chronic, relapsing and multifactorial disease. It requires long-term management after primary MBS. This may include revisional surgery or other adjuvant therapy to achieve desired treatment effect.

Revision Total Joint Arthroplasty

E. Carlos Rodríguez
Editor

 Springer



- Orthopaedic surgery
- Ventral hernia
- Surgical oncology
- Cardiac surgery

? Metabolic and bariatric surgery


Obesity Surgery, 13, 861-864

Early Experience with Two-Stage Laparoscopic Roux-en-Y Gastric Bypass as an Alternative in the Super-Super Obese Patient

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Converting a Sleeve Gastrectomy to a Gastric Bypass for Weight Loss Failure—Is It Worth It?

Nadav Nevo^{1,2}  • Subhi Abu-Abeid^{1,2} • Guy Lahat^{1,2} • Joseph Klausner^{1,2} • Shai M. Eldar^{1,2}

- 23 patients
- Average BMI decreased 42 to 33
- 50% comorbidity resolution
- Mean follow up 2 years



ORIGINAL CONTRIBUTIONS



Mid-Term Outcomes After Conversion Procedures Following Laparoscopic Sleeve Gastrectomy

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Received: 8 May 2023 / Revised: 7 July 2023 / Accepted: 14 July 2023 / Published online: 29 July 2023
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- 549 patients
- 9 year follow up
- BPD-DS/short BPL
LRNYGB/long BPL
LRNYGB
- 60 months follow up
- 60 – 74% EWL



Review article

**Systematic review on reoperative bariatric surgery
American Society for Metabolic and Bariatric Surgery Revision
Task Force**

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Received January 30, 2014; accepted February 10, 2014

Favourable outcomes after reoperative procedures with additional weight loss and comorbidity reduction

- 175 articles reviewed and analysed
- Single centre and retrospective

“One bariatric procedure per lifetime and other coverage policies that limit or prohibit reoperative bariatric surgery are not consistent with coverage policies provided for any other chronic disease process, and should be abandoned where they exist”



Review article

Weight loss specific to indication, remission of diabetes, and short-term complications after sleeve gastrectomy conversion to Roux-en-Y gastric bypass: a systematic review and meta-analysis

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Received 7 July 2022; accepted 3 October 2022

- Metaanalysis
- 44 relevant studies
- N = 1515
- LRNYGB = redo surgery
- 55% EWL or a further 7 kg/m² drop in BMI
- 53% diabetes remission
- Perioperative complication rate acceptable

- 55 patients
- LRNYGB and OAGB
- 12 month follow up
- Acceptable postoperative complications
- 76% %EWL LRNYGB
- 64% %EWL OAGB

Obesity Surgery (2019) 29:819–827
<https://doi.org/10.1007/s11695-018-03629-y>



ORIGINAL CONTRIBUTION



Mini/One Anastomosis Gastric Bypass Versus Roux-en-Y Gastric Bypass as a Second Step Procedure After Sleeve Gastrectomy—a Retrospective Cohort Study

Sonja Chiappetta¹  · Christine Stier² · Oliver Scheffel¹ · Simone Squillante³ · Rudolf A. Weiner¹

Published online: 12 December 2018

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Single Anastomosis Duodenoileal Bypass or Roux-en-Y Gastric Bypass After Failed Sleeve Gastrectomy: Medium-Term Outcomes

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Received: 25 April 2021 / Revised: 10 June 2021 / Accepted: 17 June 2021 / Published online: 16 August 2021
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- 141 patients
- SADI-S and RYGB
- Mean 5 year follow up from reoperation
- %TWL 20% SADI-S
- % TWL 8% RYGB



2022 American Society of Metabolic and Bariatric Surgery (ASMBS) and International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO) Indications for Metabolic and Bariatric Surgery

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- Severe obesity is a chronic disease requiring long-term management after primary MBS. This may include revisional surgery or other adjuvant therapy to achieve desired treatment effect.

Dr Lee Kaplan

- Lee Kaplan: MBS mechanism of actions: how do our operations work?
The role of adjuvant medical therapy
- “It’s a different mechanism of action”

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