

SESSION 3.2.1 – 2:00PM – 3:30PM

REVISIONAL SURGERY

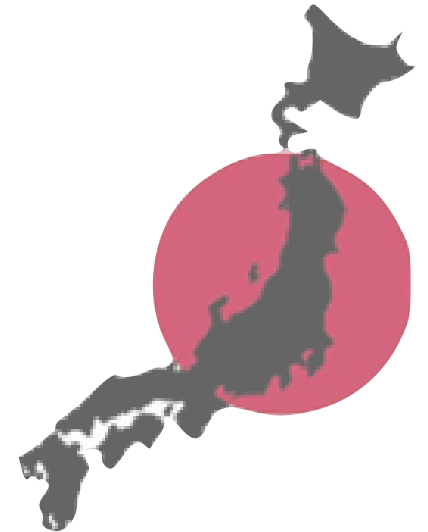
Debate: The Sleeve with Reflux and Recurrent We



Yotsuya
Medical
C u b e

Other sleeve plus procedures

Kazunori Kasama MD, Yosuke Seki MD, PhD
Yotsuya Medical Cube, Tokyo, Japan



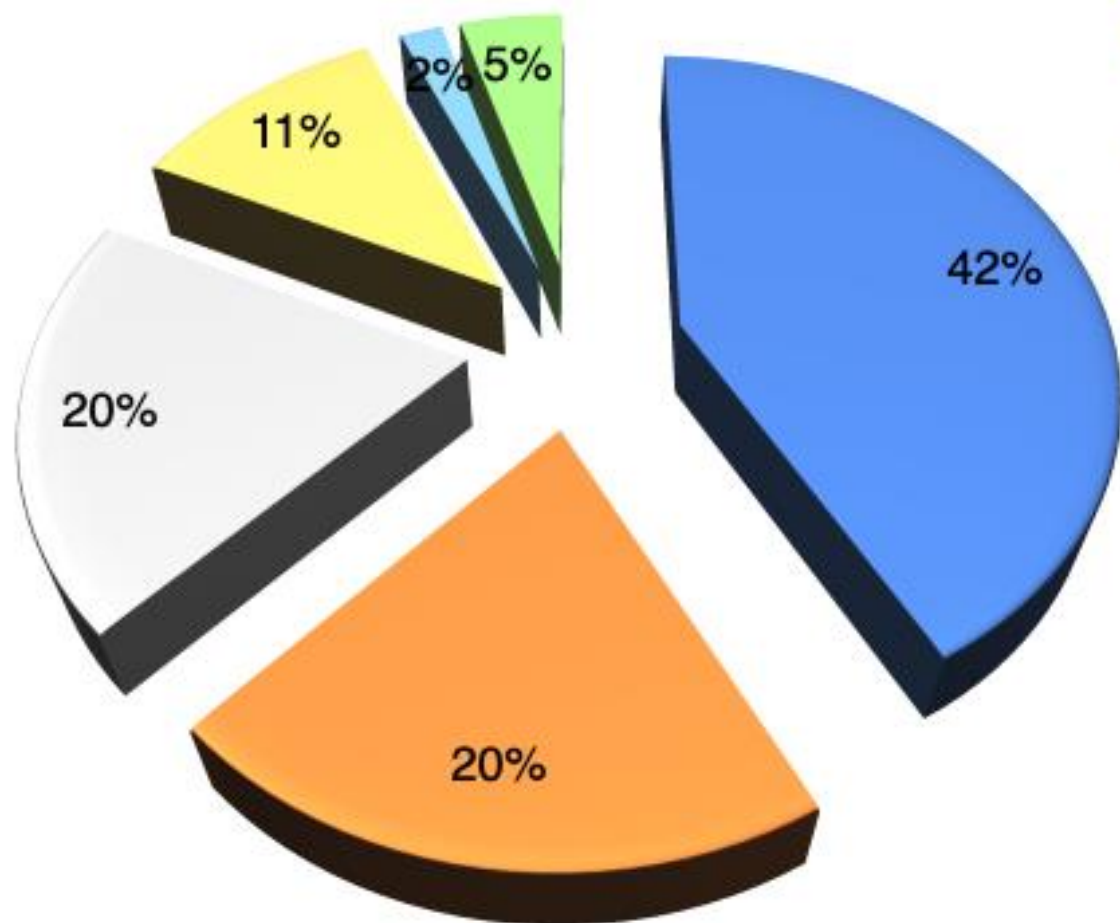
DISCLOSURE

- JONHSON & JONHSON: SPEAKER
 - MEDTRONIC: SPEAKER
 - OLYMPUS: SPEAKER

CASE MIX DISCLOSURE

KAZUNORI KASAMA MD

YOTSUYA MEDICAL CUBE, TOKYO, JAPAN



- SG
- Sleeve DJB (DS)
- Other
- RY gastric bypass
- Gastric Banding
- Intra-gastric balloon





BREAKING

NEWS



**SLEEVE PLUS IS COVERED
BY THE NATIONAL INSURANCE
FROM *JUNE 2024*
IN JAPAN**

HISTORY OF MBS IN JAPAN

- 1 9 8 2 OPEN GASTRIC BYPASS KAWAMURA
- 1 9 8 4 OPEN GASTROPLASTY KAWAMURA (VBG、K-PLASTY)
- 1 9 8 8 OPEN GASTROPRASTY APPROVED BY NATIONAL INSURANCE
- 2 0 0 0 HALS GASTRIC BYPASS KAWAMURA
- 2 0 0 2 LAP GASTRIC BYPASS **KASAMA**
- 2 0 0 4 GASTRIC BALLOON KITANO / LAP BANDING KITANO
- 2 0 0 5 LAP SLEEVE GASTRECTOMY **KASAMA**

2006 MOVED TO YMC



2006 LAP BPD/DS KASAMA

2007 LAP SLEEVE DJB KASAMA

• 2010 SINGLE PORT/ REDUCED PORT SLEEVE GASTRECTOMY KASAMA/SEKI

• 2014 LAP SLEEVE GASTRECTOMY INSURANCE COVERAGE

• 2016 ADJUSTABLE GASTRIC BALLOON KASAMA/SEKI

• 2020 ENDOSCOPIC GASTROPLASTY ESG SUMIYAMA: 2ND KASAMA/SEKI

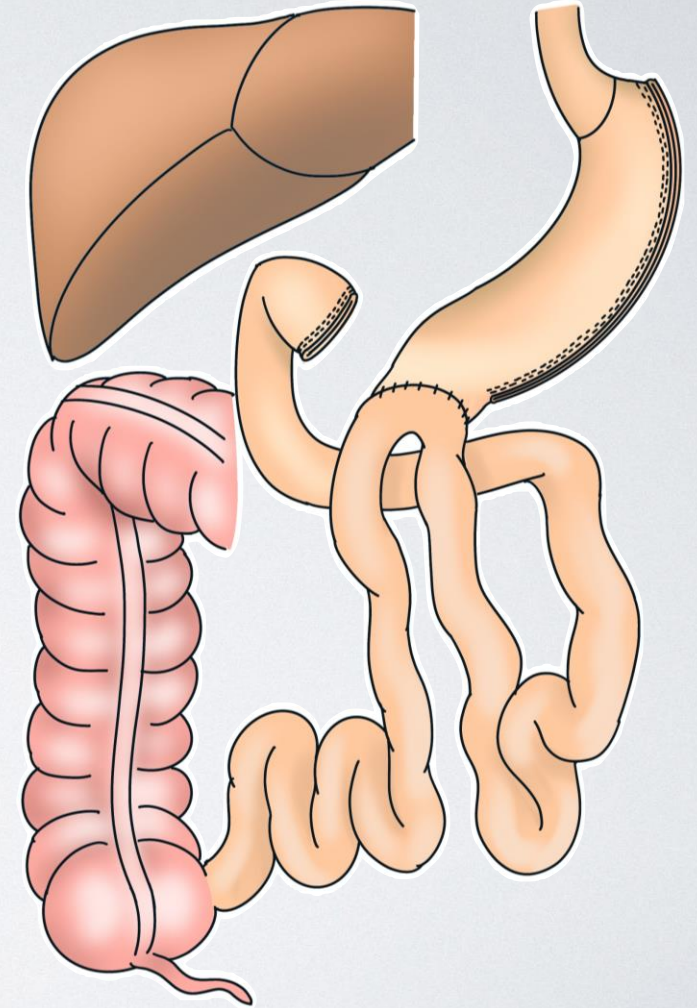
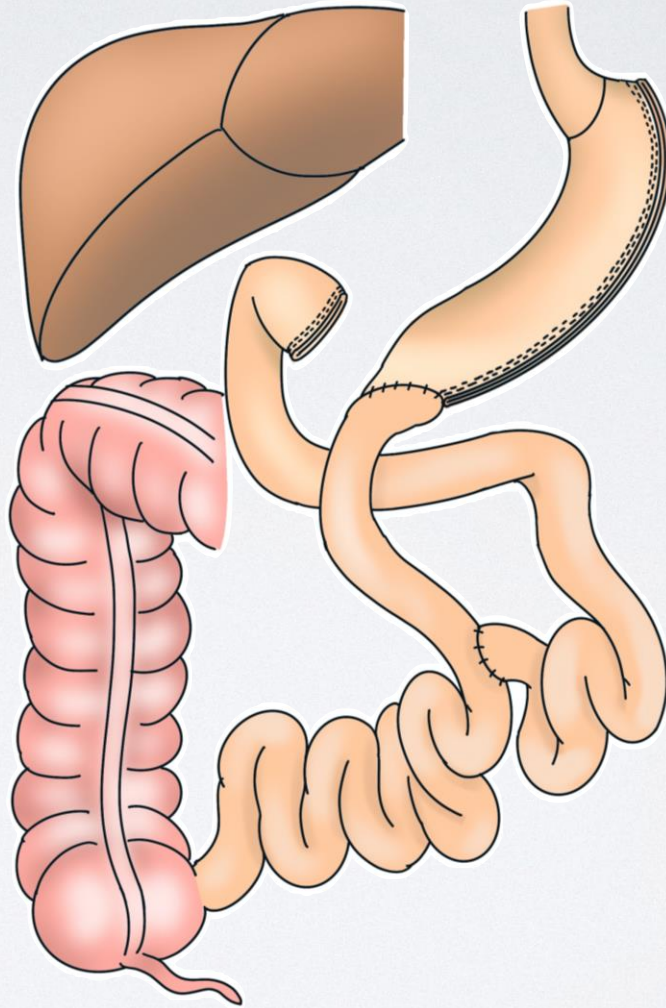
• 2023 ALLURION® KASAMA

• 2024 LAP SLEEVE + BYPASS NATIONAL INSURANCE COVERAGE

• 2024 SINGLE ANASTOMOSIS SLEEVE JEJUNAL BYPASS (SAS-J) KASAMA/SEKI

17YRS

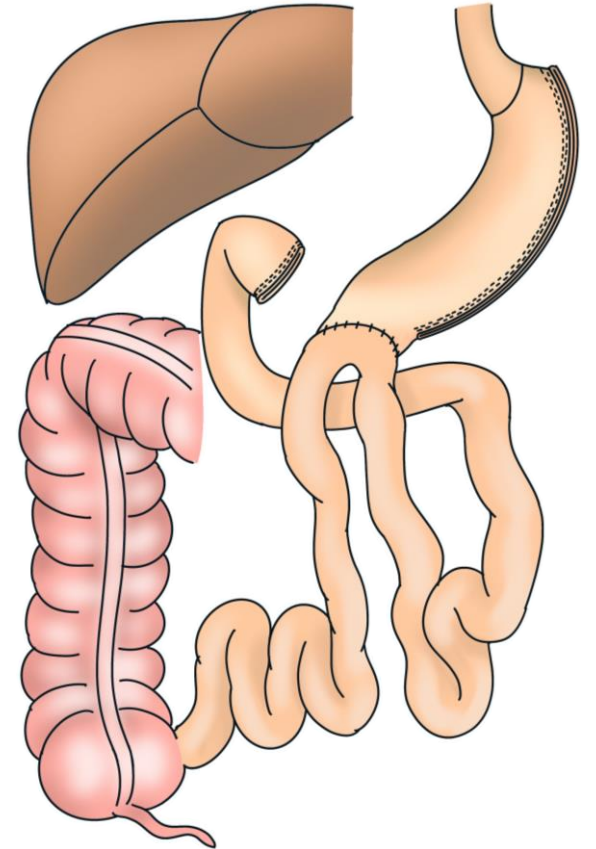
JAPAN NATIONAL INSURANCE



No RYGB, OAGB, etc...

MY DJB

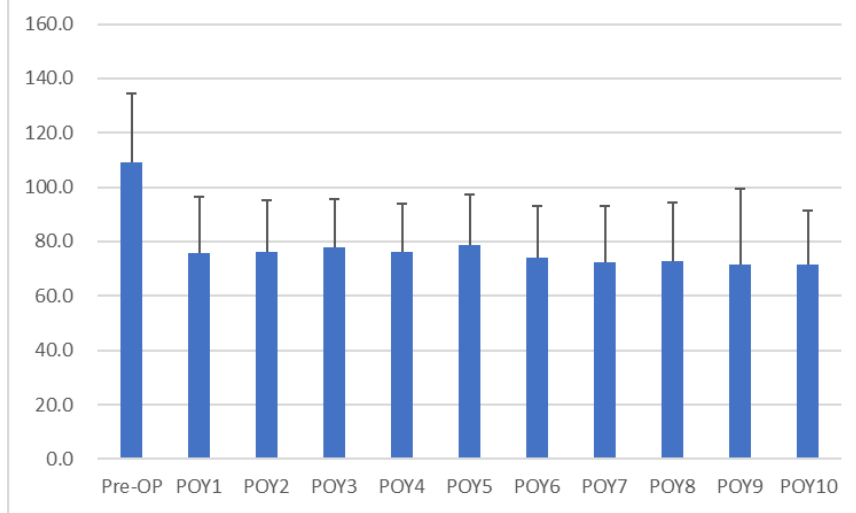
- Count the total length of small intestine
- Loop DJB is now my preference
- 1) Reserve CC at least 4m
- 2) BPL : 1/3 of total small intestine
- ex TLS 6m CC4m BPL2m / TLS 7.5m CC 5m BPL 2.5 m



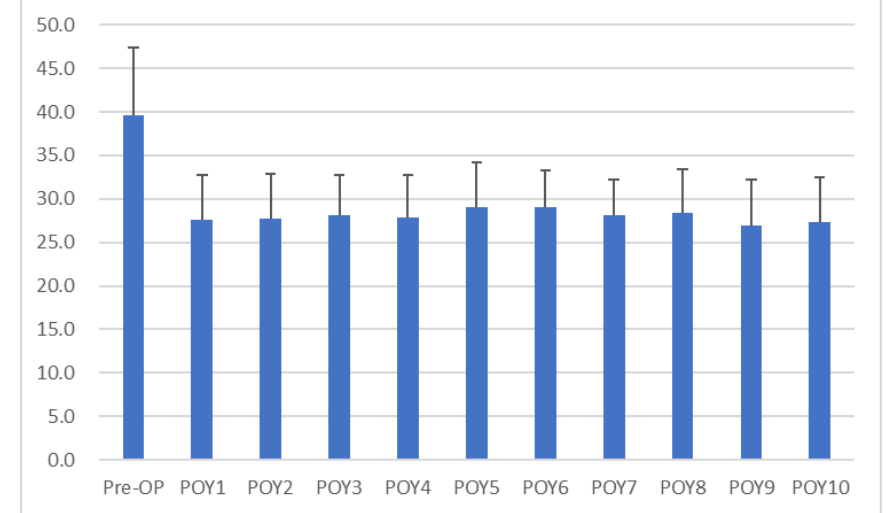
10 yrs Results (WL)

F/U rate: 92.1%@1y / 42.4%@5y / 22.6%@8-10y

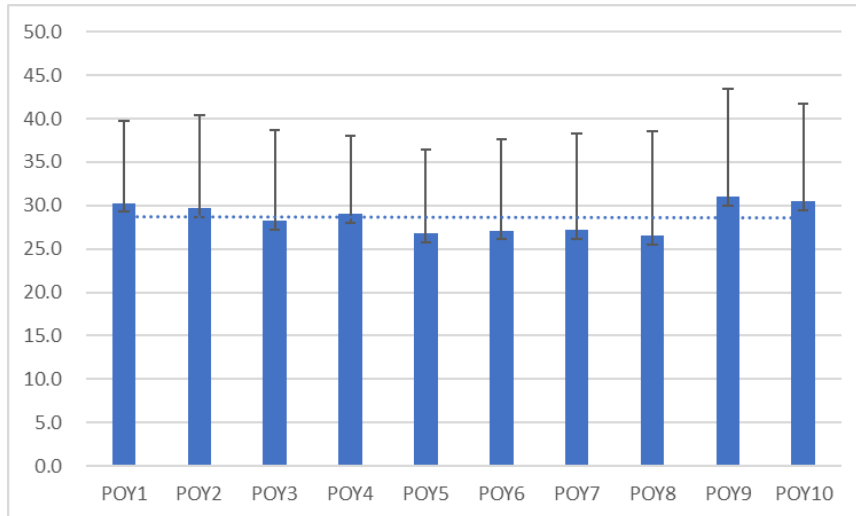
BW



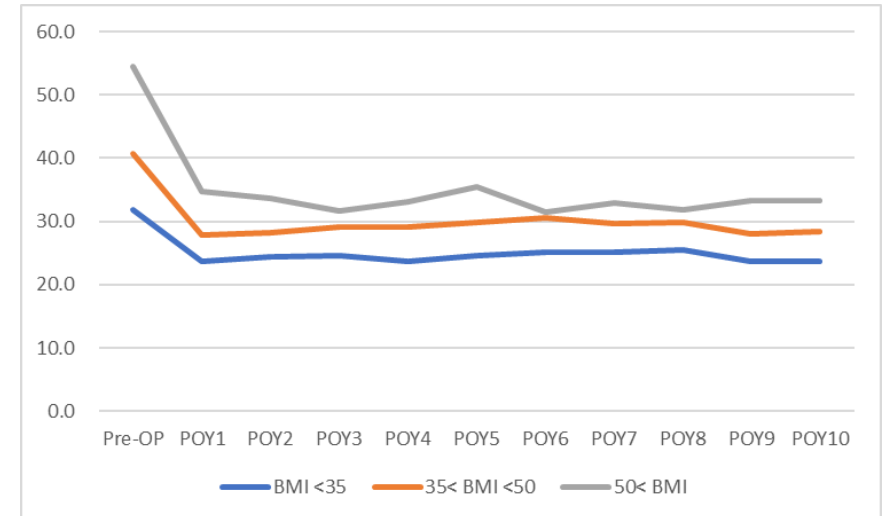
BMI



%TWL



BMI (stratified)



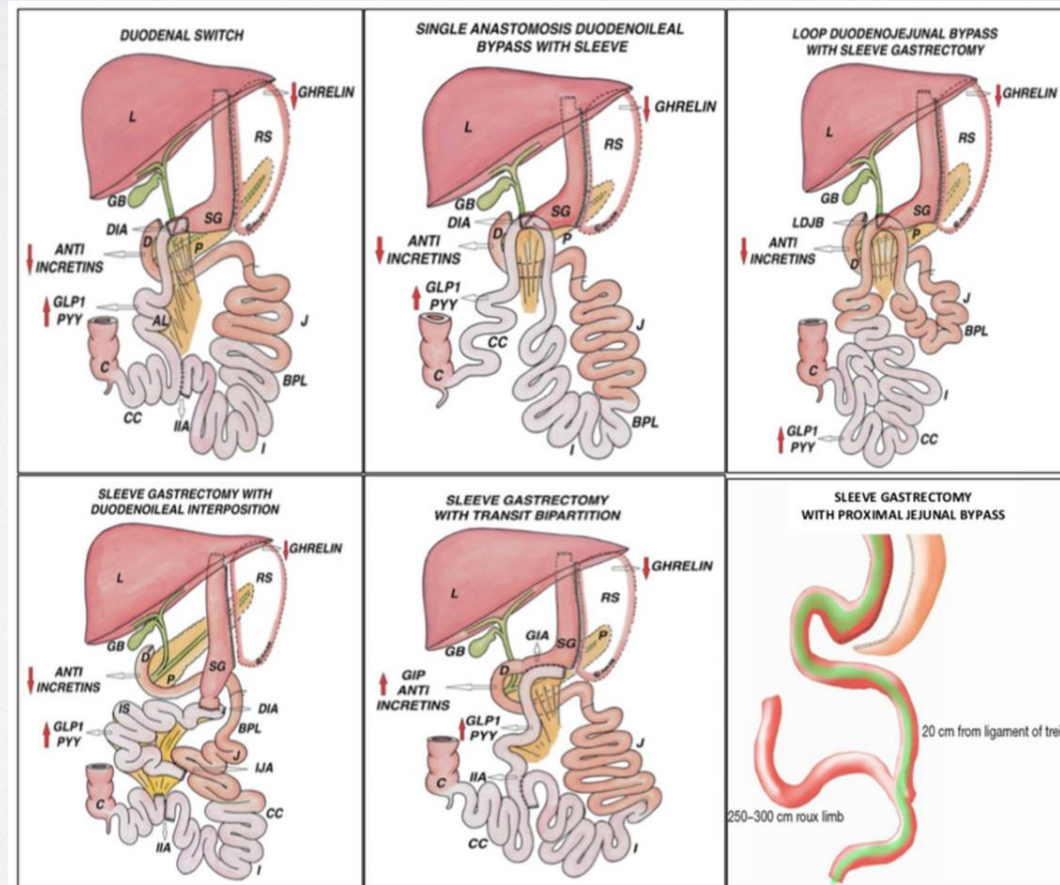
Sleeve plus procedures: need of time

Chih-Kun Huang¹ · Abhishek Katakwar² 

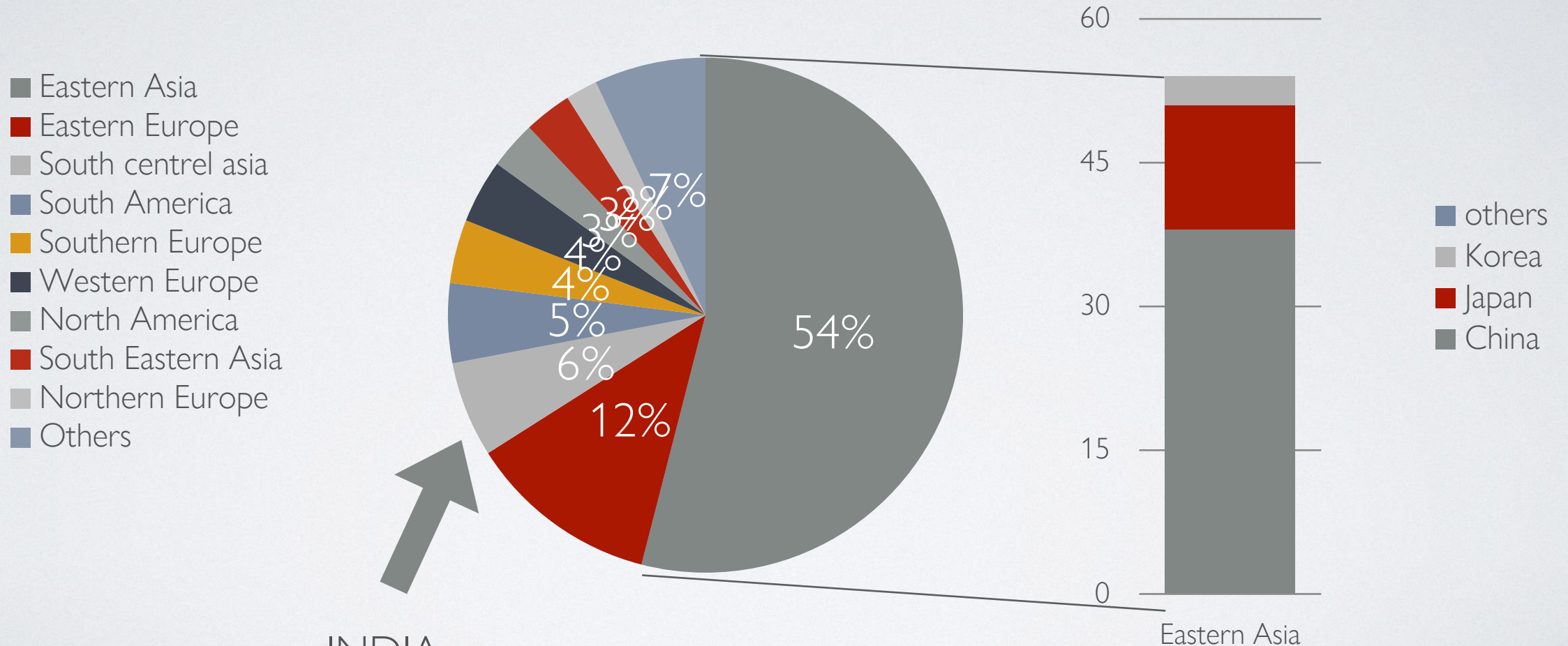
Received: 5 July 2019 / Accepted: 23 September 2019 / Published online: 10 October 2019
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SURGERY TODAY 2020

BPD-DS
SADI
SLEEVE DJB
SLEEVE LOOP DIB
SLEEVE+BIPARTITION
SLEEVE PJB



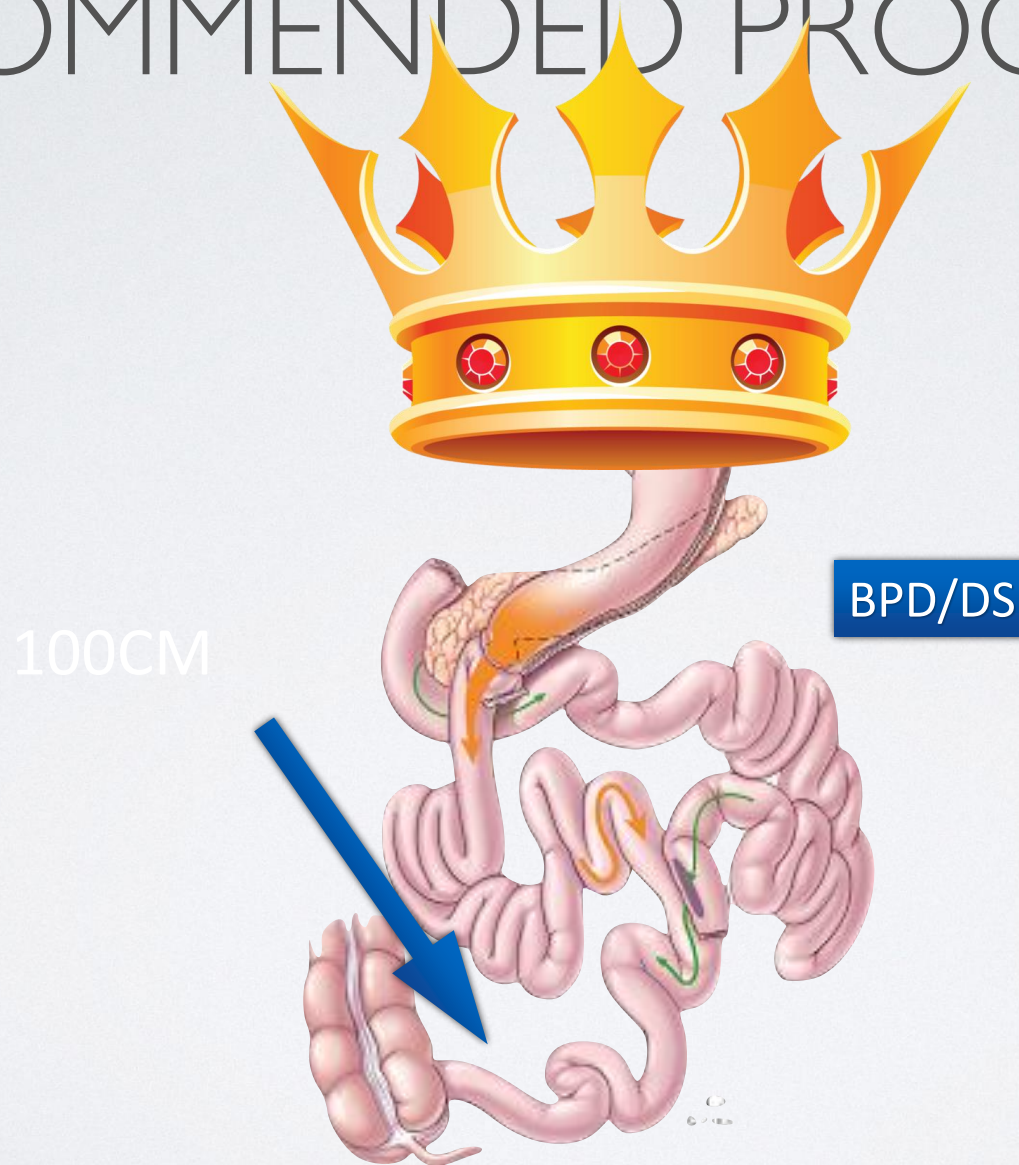
GASTRIC CANCER WORLDWIDE



INDIA

70% of Gastric cancer are in Asia

MOST EFFECTIVE AMONG ASMBS RECOMMENDED PROCEDURES



PROBLEMS OF BPD, BPD/DS, SADI

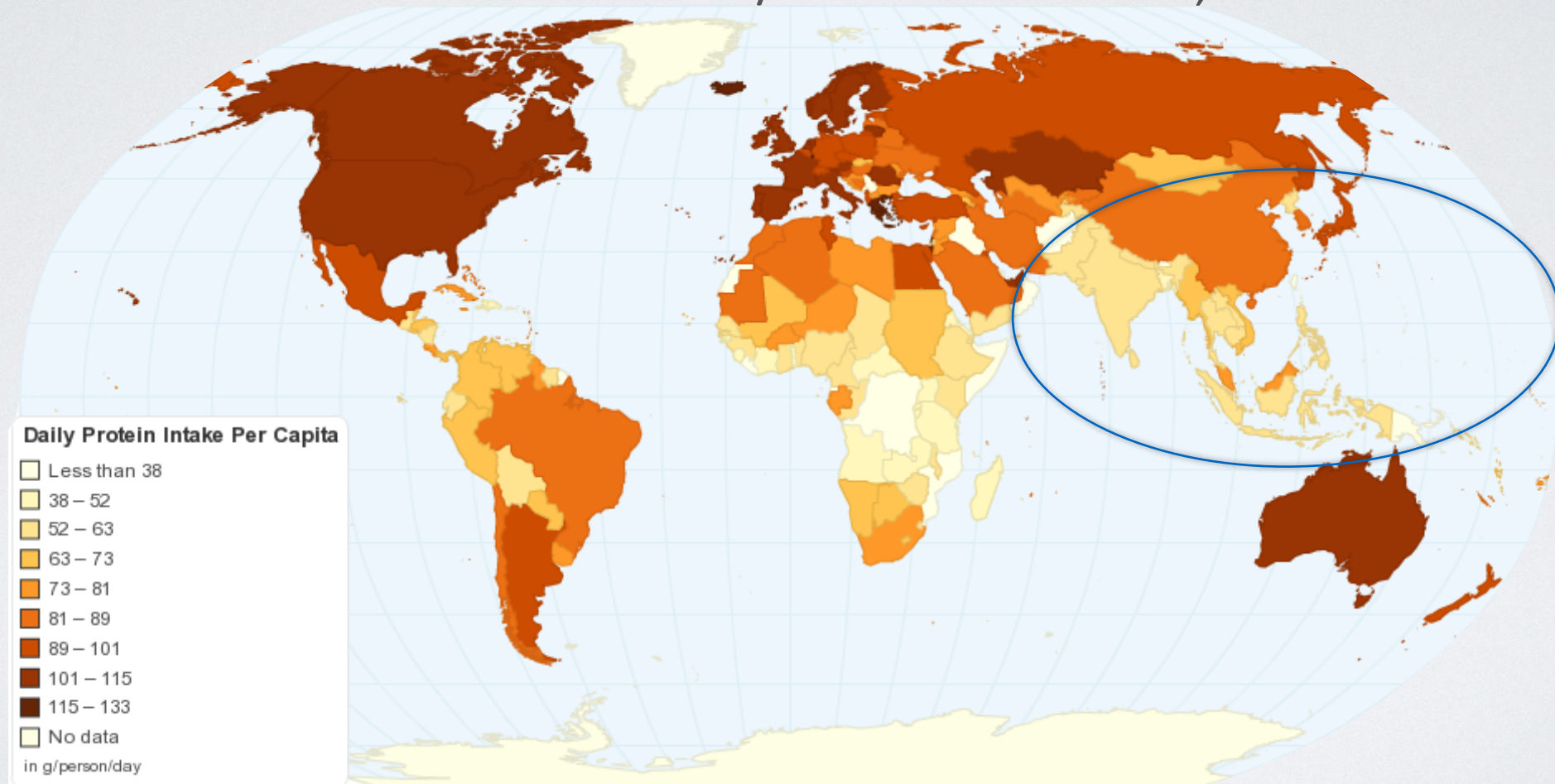


PROTEIN
MALNUTRITION



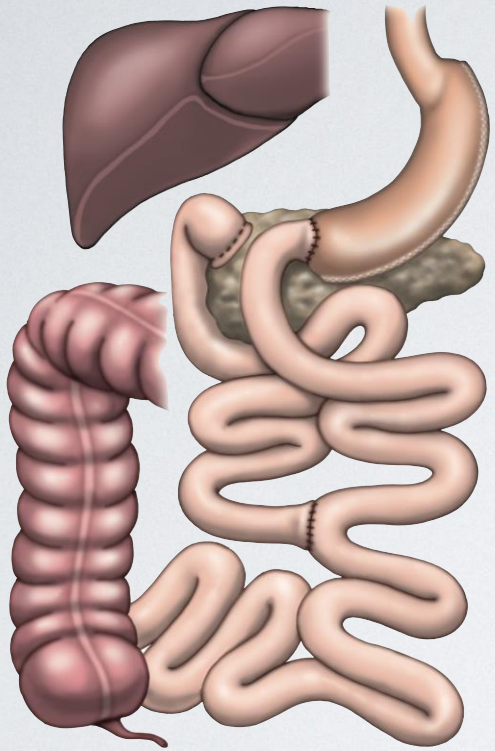
PROTEIN INTAKE PER DAY

ASIAN COUNTRY : 1/2 OR LESS OF USA, AU



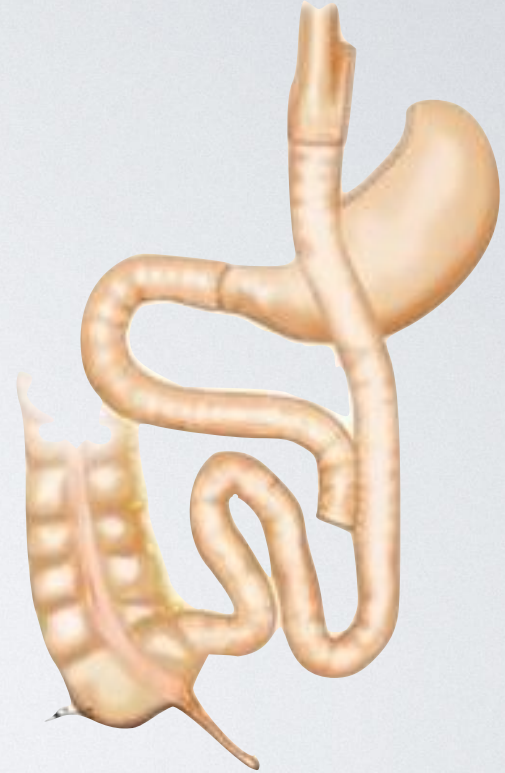
TOO MUCH HYPO-ABSORPTIVE PROCEDURES ARE
NOT RECOMMENDED IN ASIA

SLEEVE DJB VS LRYGB

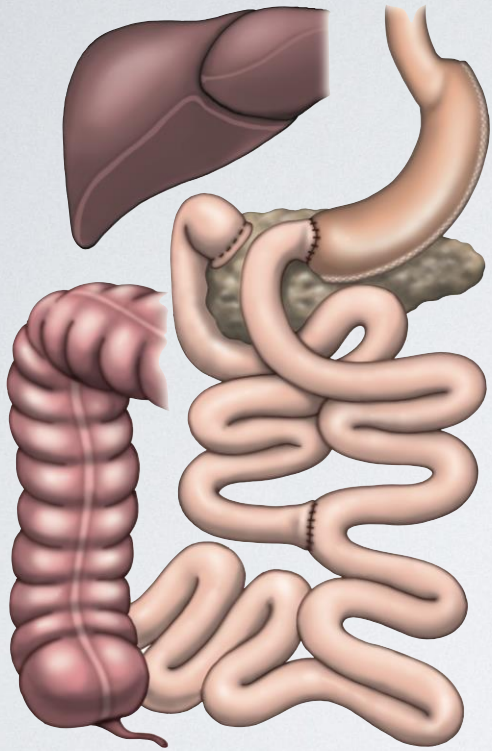


- **Less Ulcer** 0.49%* vs 1-16%
- **Less Stenosis** 0%* vs 3-12%

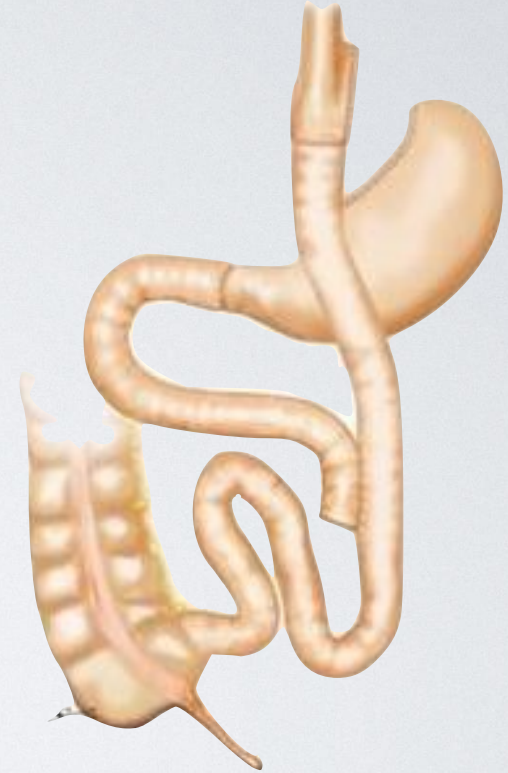
* five year result of Sleeve DJB : Seki Kasama et al



SLEEVE DJB VS LRYGB



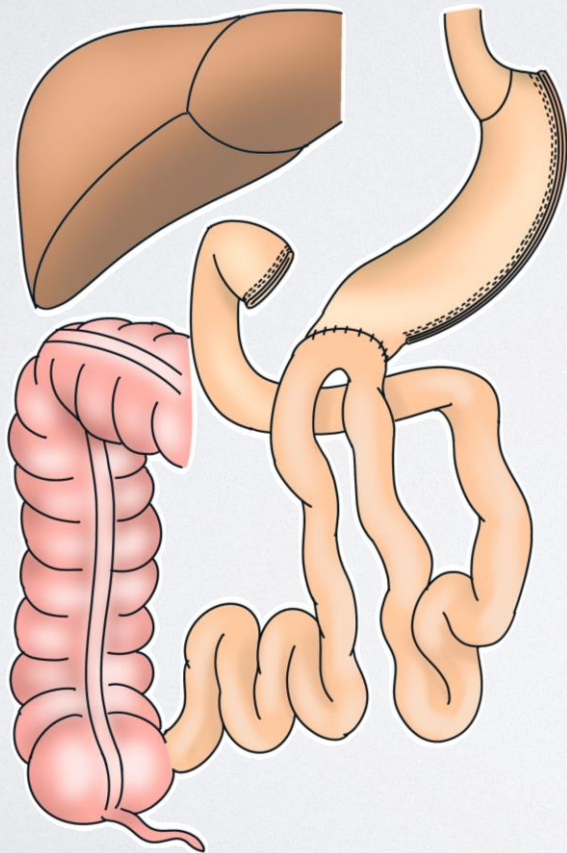
- **Less Dumping**
- **Less Glycemic variability (Less Hypoglycemia)**
- **Pylorus preserving effect**



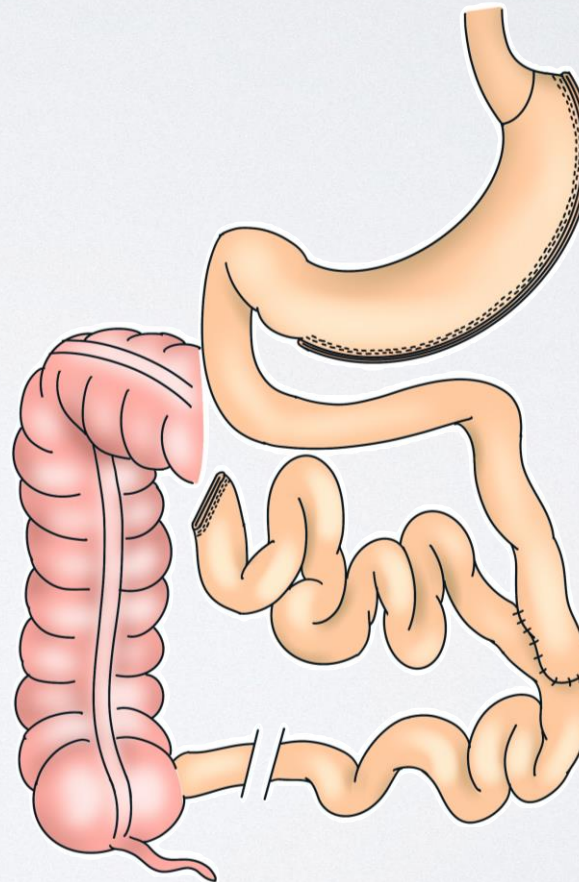
* five year result of Sleeve DJB : Seki Kasama et al

SLEEVE PLUS IN ASIA

Sleeve loop DJB
(Duodenal Jejunal Bypass)



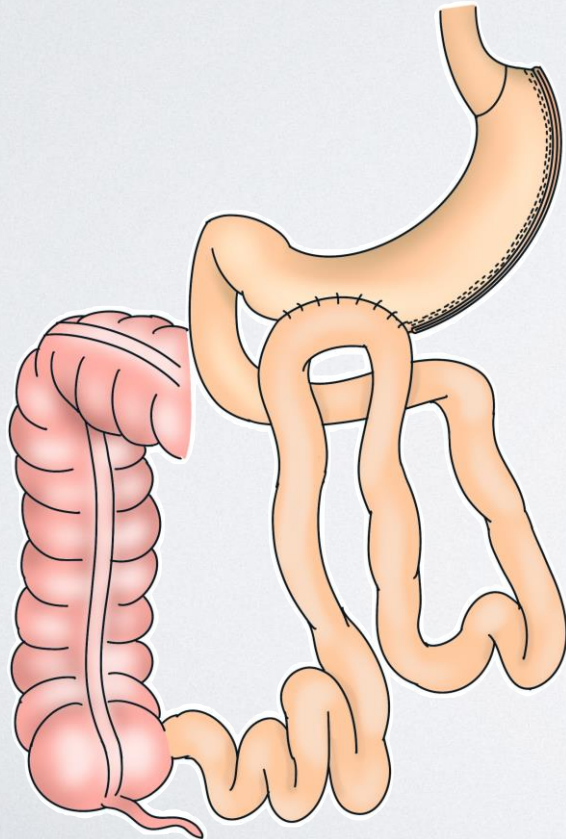
Sleeve PJB
(Proximal Jejunal Bypass)



NEW PROCEDURES

SASI: Single anastomosis Sleeve Ileal bypass

SAS-J : Single anastomosis Sleeve Jejunal bypass

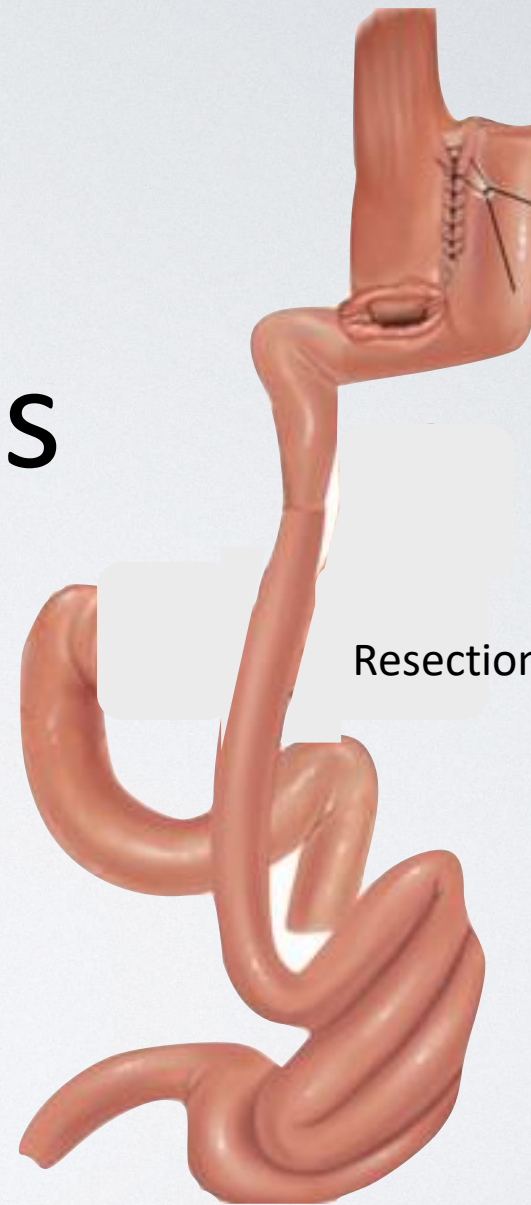


- **No need to cut duodenum**
- **Biliary assess**
- No pyloric preserving effect
- Possibility of dumping, ulcer

REVISION FOR GERD

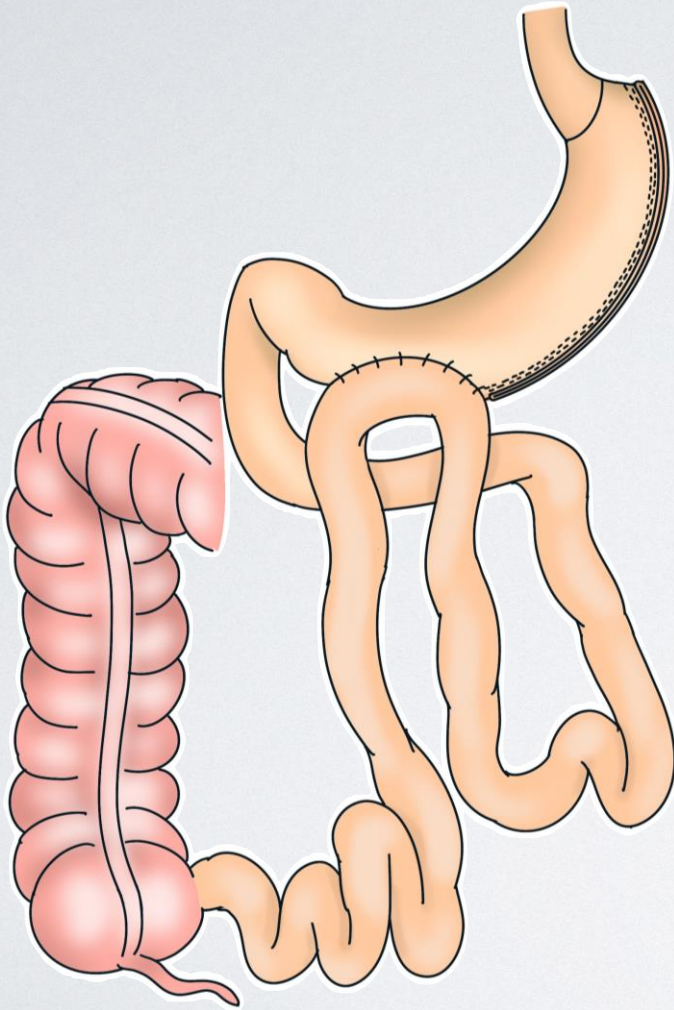


RY GB wins



Resection of remnant stomach

SASI, SAS-J FOR GERD



Revision from SG to SASI, 81.8% had remission of GERD

Primary SASI :40% worsening of GERD

[Wideochir Inne Tech Maloinwazyjne.](#) 2023 Sep; 18(3): 510–515.

Published online 2023 Jun 7. doi: [10.5114/wiitm.2023.128021](https://doi.org/10.5114/wiitm.2023.128021)

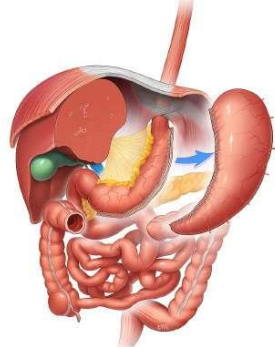
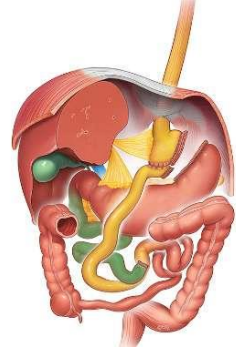
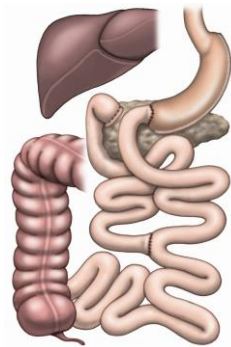
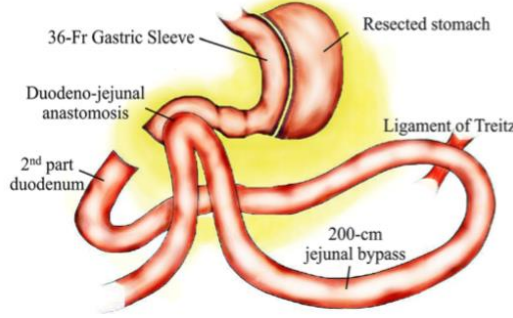
PMCID: PMC10585456

PMID: [37868282](https://pubmed.ncbi.nlm.nih.gov/37868282/)

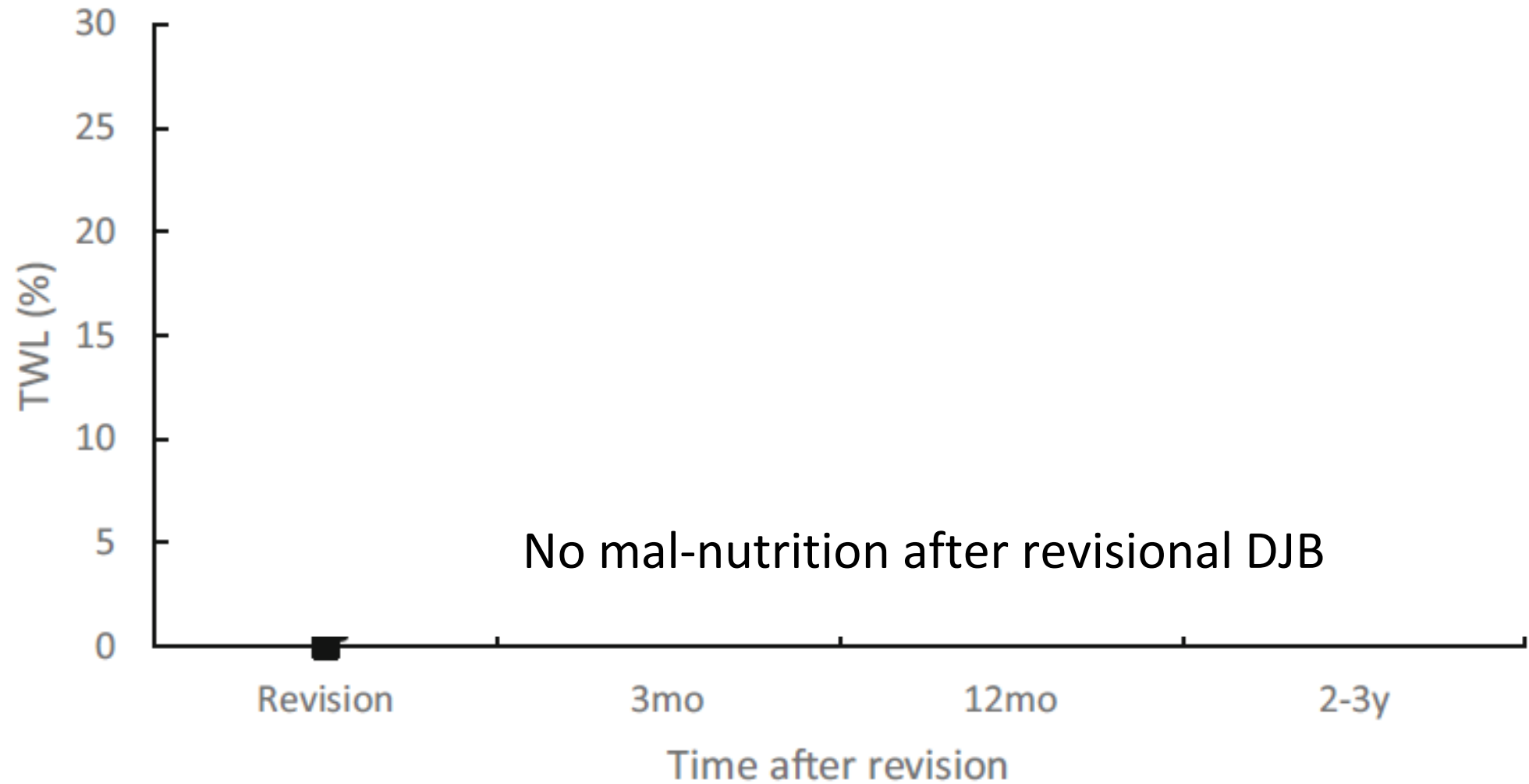
Single anastomosis sleeve ileal (SASI) bypass as a primary and revisional procedure: a single-centre experience

REVISION FOR WEIGHT REGAIN

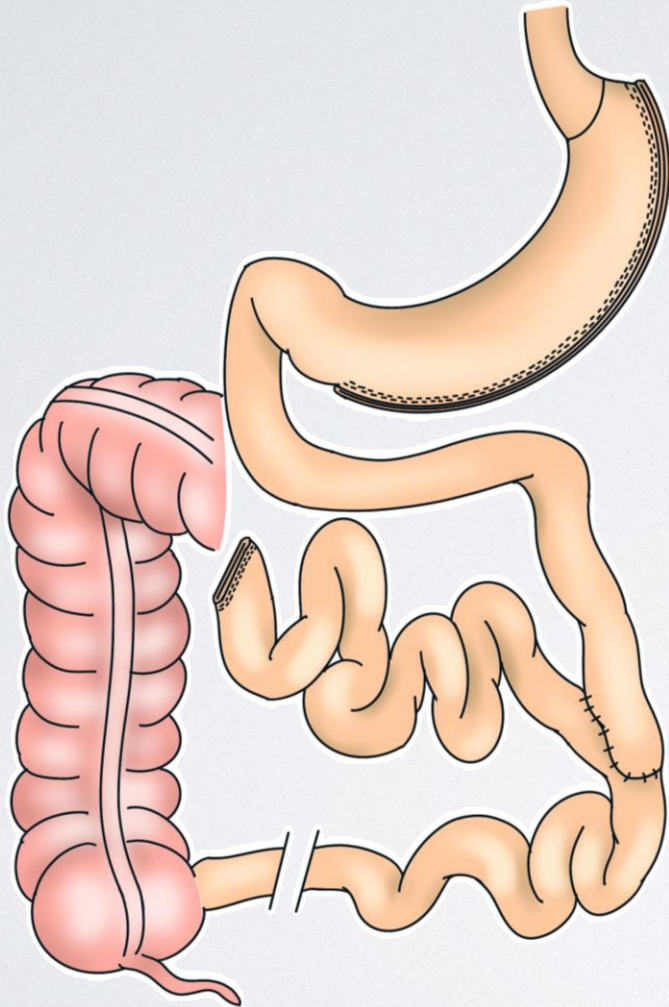
Procedures

	Re-sleeve	RYGB	LSG/DJB	Loop DJB-SG
Revisional surgery				
anastomosis	0	2	2	1
mesenteric defect	0	2	2	1
bile reflux	possible	Not anatomically possible	Not anatomically possible	possible
potential nutritional deficiencies	—	possible	possible	possible

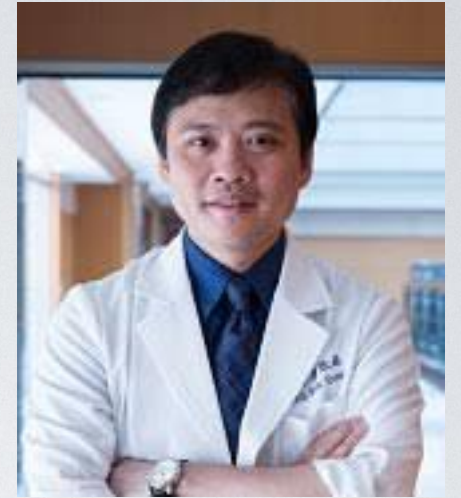
Procedures results in YMC



S-PJB

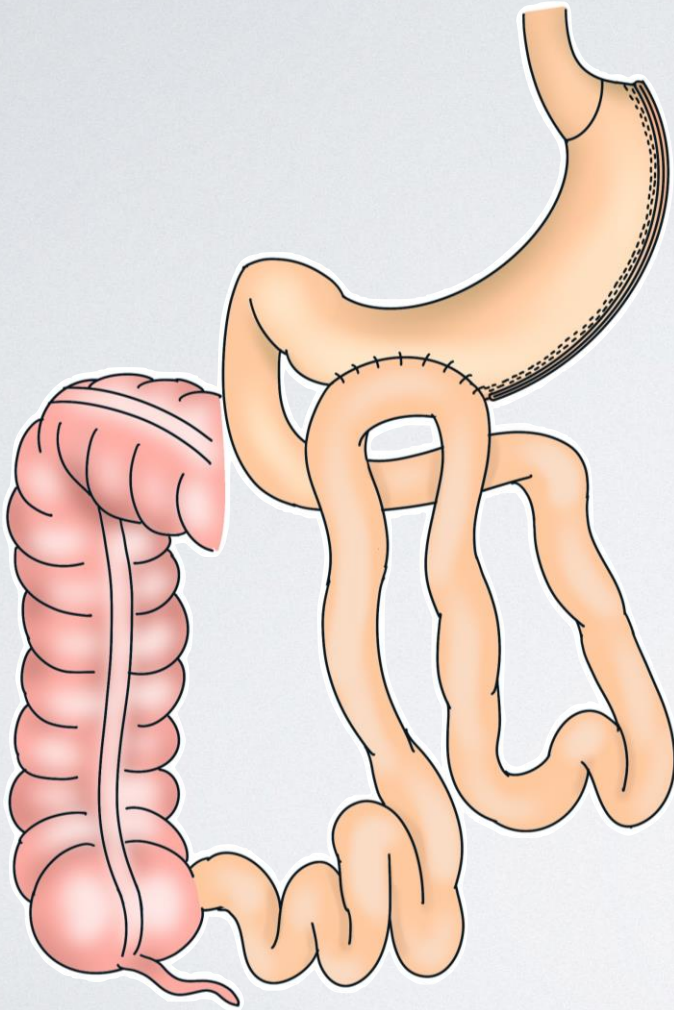


CK Huang and his colleagues
is doing a lot of cases for Primary and revision in Asia



Revision results not yet published

SASI SAS-J



In the revision group:

%TWL@12 mo 13.8%, %TWL@24 mo. 20.9%

[Wideochir Inne Tech Maloinwazyjne.](#) 2023 Sep; 18(3): 510–515.

PMCID: PMC10585456

Published online 2023 Jun 7. doi: [10.5114/wiitm.2023.128021](https://doi.org/10.5114/wiitm.2023.128021)

PMID: [37868282](https://pubmed.ncbi.nlm.nih.gov/37868282/)

Single anastomosis sleeve ileal (SASI) bypass as a primary and revisional procedure: a single-centre experience

SLEEVE TB, SASI, SAS-J



DR Zhu Xiaocheng

Mid-term experience of application of SG-TB for the treatment of weight regain after sleeve gastrectomy

Dr. Wei jei Lee



Conversion of Sleeve Gastrectomy to Bipartition Procedures: comparison between one and two anastomoses Transit Bipartitions results on weight loss and remission of comorbidities

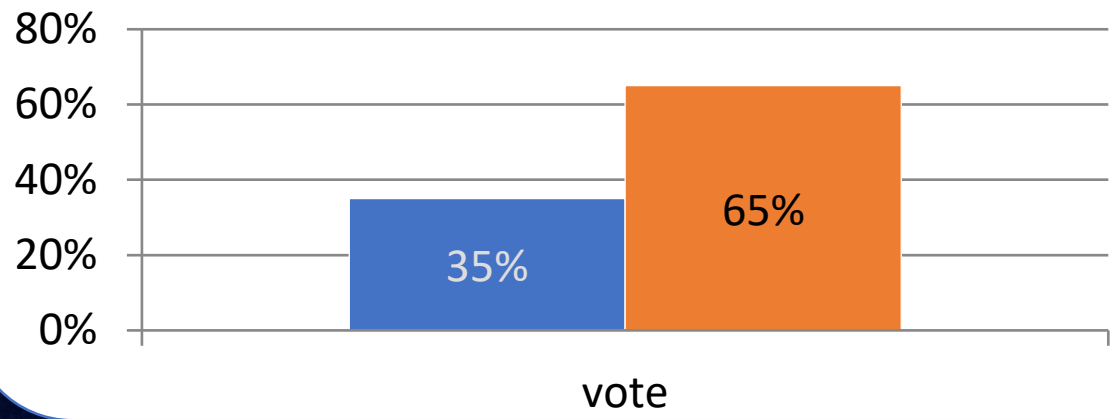
Dr. Vasiliki Christogianni Germany



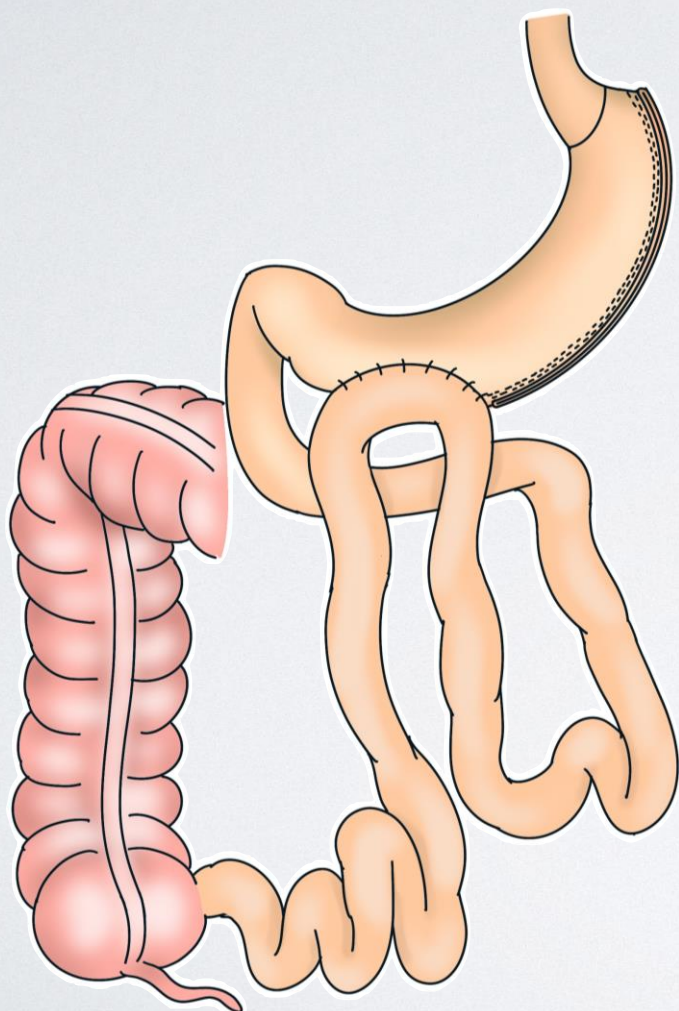
Not yet published

Revision for weight regain after Sleeve

SADI vs SASI will rise



NEW PROCEDURE



SASI

Magnetic anastomosis

A diagram illustrating the SASI (Surgical Anastomosis by Sutureless Intestinal Anastomosis) procedure. It shows two segments of the small intestine being joined together. Two grey, rectangular magnetic clips are applied to the outer walls of the intestinal segments, pulling them together to create a secure anastomosis. The diagram is rendered in a realistic style with shading to show depth.

In Clinical studies only – not approved for clinical use outside of studies

conclusion

- Consider ethnicity, diet habits
- Avoid too short CC for Asian
- Sleeve + is not recommended for GERD after sleeve
- Sleeve DJB has a promising result for weight regain
- Sleeve PJB, SASI, SAS-J : waiting for papers.
- SASI, SAS-J: will rise in future
- Result of SASI, SAS-J may support the magnetic anastomosis in future



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