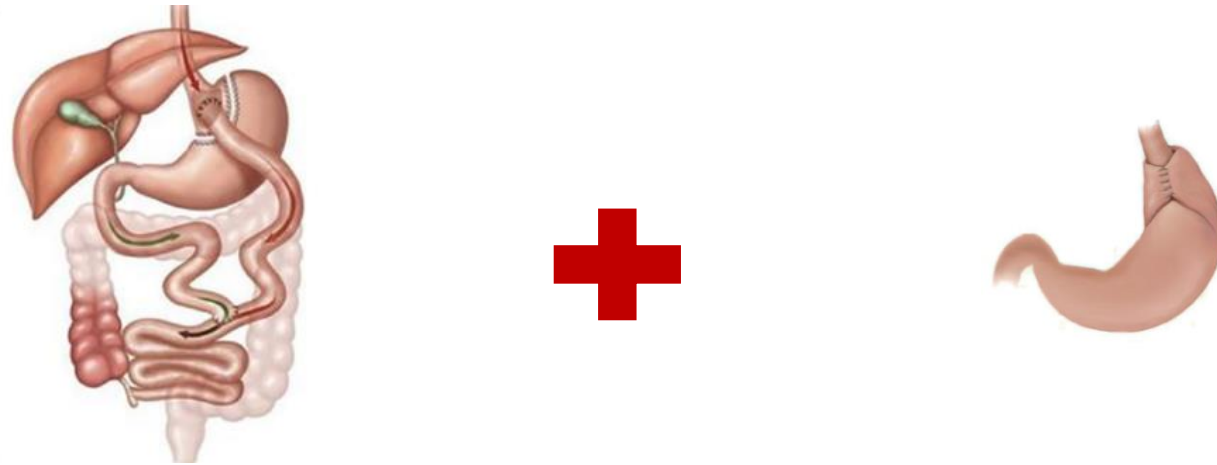


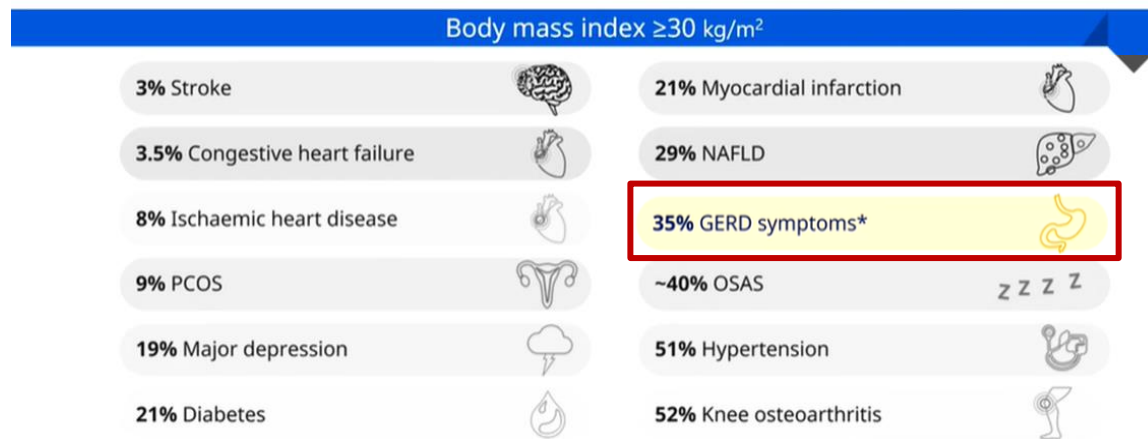
Nissen's RYGB

Dr Muffazal Lakdawala – Sir H N Reliance Foundation Hospital and Research Centre, Mumbai, India.



I have no potential conflict of interest to report

Prevalence of complications in people with obesity

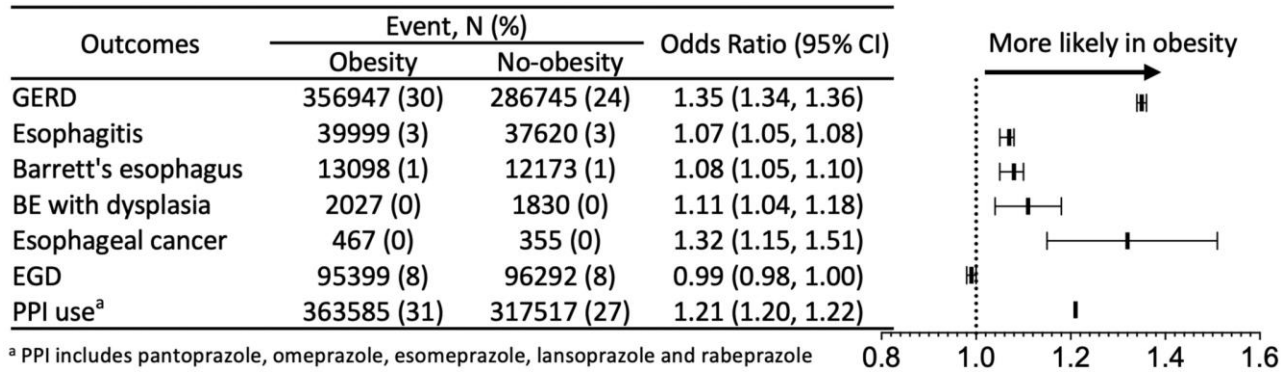


GERD in Obesity

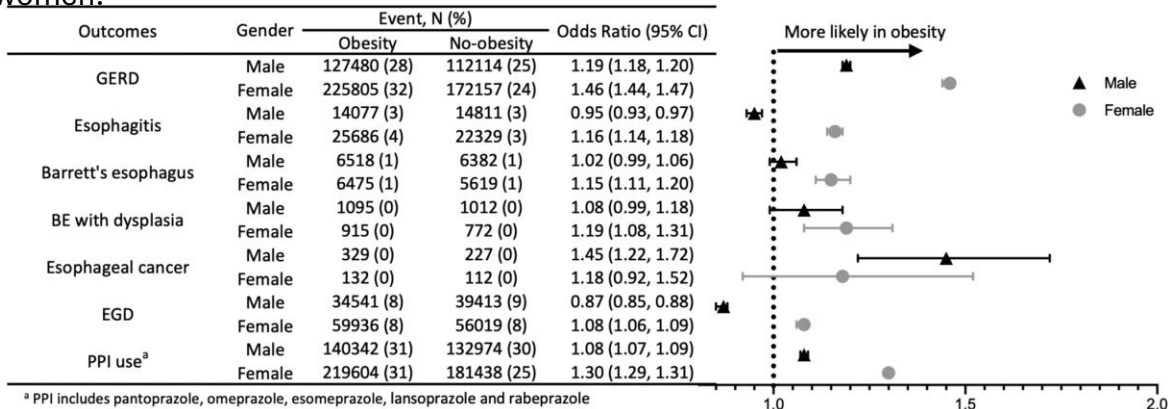
Obesity is associated with higher prevalence of gastroesophageal reflux disease and reflux related complications: A global healthcare database study

Mengdan Xie ¹, Lifu Deng ², Ronnie Fass ¹, Gengqing Song ¹

Prevalence and Odds Ratio for GERD and GERD-related Complications in Cohorts with versus without Obesity.



Comparison of associations between GERD/GERD-related complications and obesity between men and women.

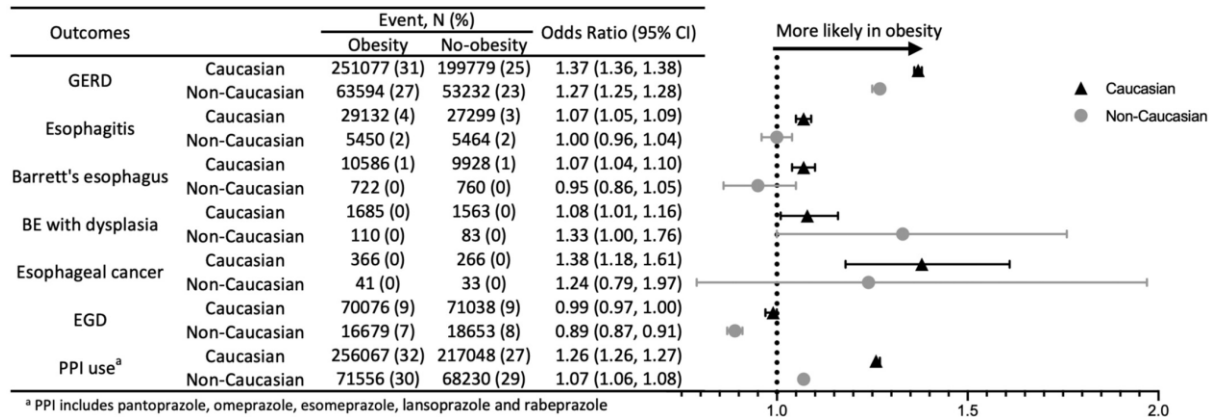


GERD in Obesity

Obesity is associated with higher prevalence of gastroesophageal reflux disease and reflux related complications: A global healthcare database study

Mengdan Xie¹, Lifu Deng², Ronnie Fass¹, Gengqing Song¹

Comparison of associations between GERD/GERD-related complications and obesity between Caucasian and Non-Caucasian populations..



Study found a strong link between obesity and a higher prevalence of GERD, erosive esophagitis, BE, and esophageal cancer.

The correlation was particularly strong in women and Caucasian individuals.

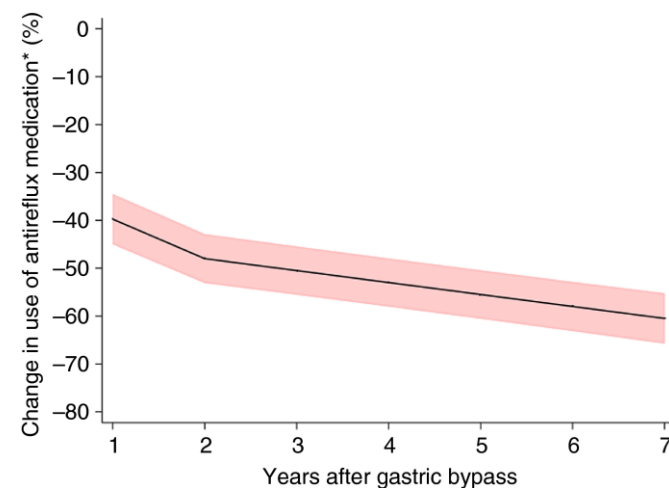
The relationship between obesity and esophageal cancer was even stronger in men, warranting further investigation

Gastric bypass surgery in the treatment of gastro-oesophageal reflux symptoms

Dag Holmberg ✉, Giola Santoni, Shaohua Xie, Jesper Lagergren

First published: 04 June 2019 | <https://doi.org/10.1111/apt.15274> | Citations: 59

	N (%)		
	Total	Women	Men
	2454 (100.0)	2005 (81.7)	449 (18.3)
Age (y) – mean (SD)	46.1 (9.8)	45.7 (9.8)	47.3 (9.6)
<40	592 (24.1)	502 (25.0)	90 (20.0)
40-50	1026 (41.8)	835 (41.6)	191 (42.5)
>50	836 (34.1)	668 (33.3)	168 (37.4)
Comorbidity			
None	1524 (62.1)	1290 (64.3)	234 (52.1)
1	667 (27.2)	525 (26.2)	142 (31.6)
≥2	263 (10.7)	190 (9.5)	73 (16.3)
Calendar period (y)			
2006-2010	738 (30.1)	590 (29.4)	148 (33.0)
2011-2012	718 (29.3)	601 (30.0)	117 (26.1)
2013-2015	998 (40.7)	814 (40.6)	184 (41.0)
Preoperative dose of anti-reflux medication – mean (SD)	441.7 (230)	433.7 (221)	477.3 (262)
Low ^a	1113 (45.3)	929 (46.3)	184 (41.0)
Intermediate ^b	1090 (44.4)	890 (44.4)	200 (44.5)
High ^c	251 (10.2)	186 (9.3)	65 (14.5)
Surgical approach			
Laparotomy	189 (7.7)	152 (7.6)	37 (8.2)
Laparoscopy	2265 (92.3)	1853 (92.4)	412 (91.8)
Hospital stay (d) – median (interquartile range)	3 (2-4)	3 (2-4)	3 (2-4)
Reoperation			
No	2389 (97.3)	1961 (97.8)	428 (95.3)
Yes	65 (2.6)	44 (2.2)	21 (4.7)
Deaths during follow-up	63 (2.6)	45 (2.2)	18 (4.0)
Follow-up time (y) – median (interquartile range)	4.6 (3.1-6.3)	4.6 (3.1-6.2)	4.4 (3.0-6.6)



In conclusion, this large and population-based cohort study with long and complete follow-up indicates that gastric bypass is an effective and long-lasting treatment of GERD in only approximately 50% of patients with severe obesity.

This is a lower success rate than in previous studies, indicating that the treatment effect may have been overstated.

	Postoperative reflux (n)	Person-years at risk	Incidence rate ratio (95% confidence interval) ^a
Year after surgery			
0-1	1367	2449	1 (reference)
1-2	1135	2315	0.87 (0.84-0.90)
>2	3464	7018	1.02 (1.01-1.03)
Age (y)			
<40	1347	2979	1 (reference)
40-50	2479	4952	1.08 (0.98-1.19)
>50	2140	3849	1.12 (1.02-1.24)
Sex			
Male	945	2187	1 (reference)
Female	5021	9595	1.28 (1.16-1.42)
Comorbidity			
None	3421	7380	1 (reference)
1	1740	3130	1.15 (1.07-1.25)
≥2	805	1272	1.26 (1.14-1.39)
Calendar period (y)			
2006-2010	2674	5554	1 (reference)
2011-2012	1893	3570	1.08 (0.99-1.17)
2013-2015	1399	2657	1.08 (0.99-1.18)
Preoperative dose of anti-reflux medication			
Low ^b	2185	5458	1 (reference)
Intermediate ^c	2952	5202	1.38 (1.28-1.50)
High ^d	829	1120	1.77 (1.60-1.96)
Surgical approach			
Laparotomy	719	1363	1 (reference)
Laparoscopy	5247	10,419	0.94 (0.82-1.07)

^a Adjusted for year after surgery, age, sex, comorbidity, calendar period, dose of anti-reflux

medication prior to gastric bypass and surgical approach.

^b 180-365 daily doses.

^c 366-720 daily doses.

^d >720 daily doses.

Roux-en-Y gastric bypass versus fundoplication for gastroesophageal reflux disease in patients with obesity results in comparable outcomes

Stephanie Joseph¹, Vanessa N Vandruff², Julia R Amundson², Simon Che³, Christopher Zimmermann³, Shun Ishii³, Kristine Kuchta³, Woody Denham³, John Linn³, H Mason Hedberg³, Michael B Ujiki³

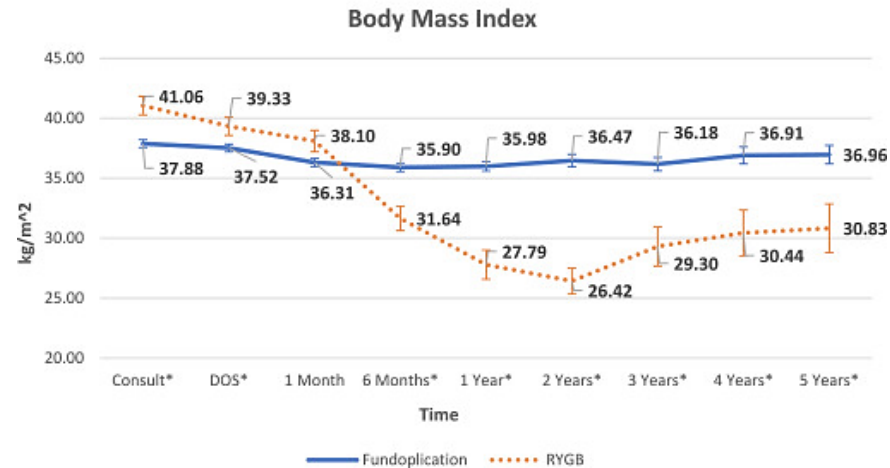
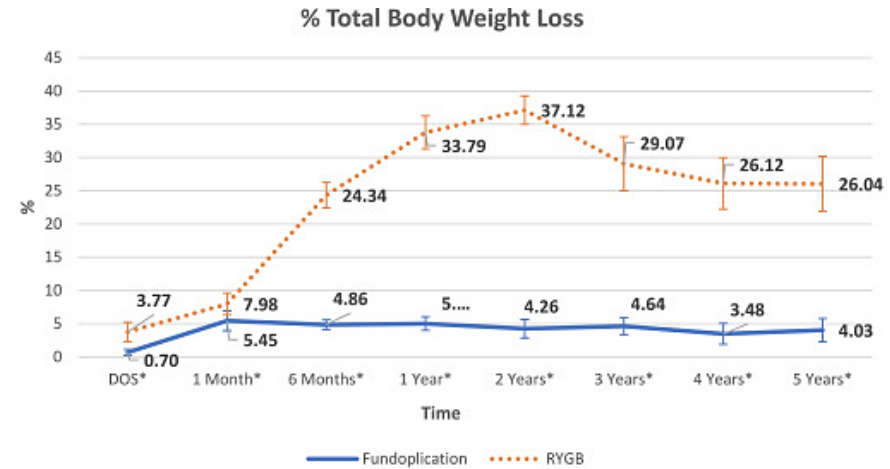
Total no of patient = 95

Fundoplication (n = 72, 75.8%)

Roux-en-Y gastric bypass (n = 23, 24.2%)

All patients saw an improvement in gastroesophageal reflux disease symptoms and overall quality of life.

There were no significant differences in postoperative Reflux Symptom Index, Dysphagia, or Short-Form-36 scores. Significant differences in gastroesophageal reflux disease-Health Related Quality of Life scores were seen at preoperative, 1, 2, and 5 years postoperative ($P < .05$), with better symptom control in the fundoplication group.



Roux-en-Y gastric bypass versus fundoplication for gastroesophageal reflux disease in patients with obesity results in comparable outcomes

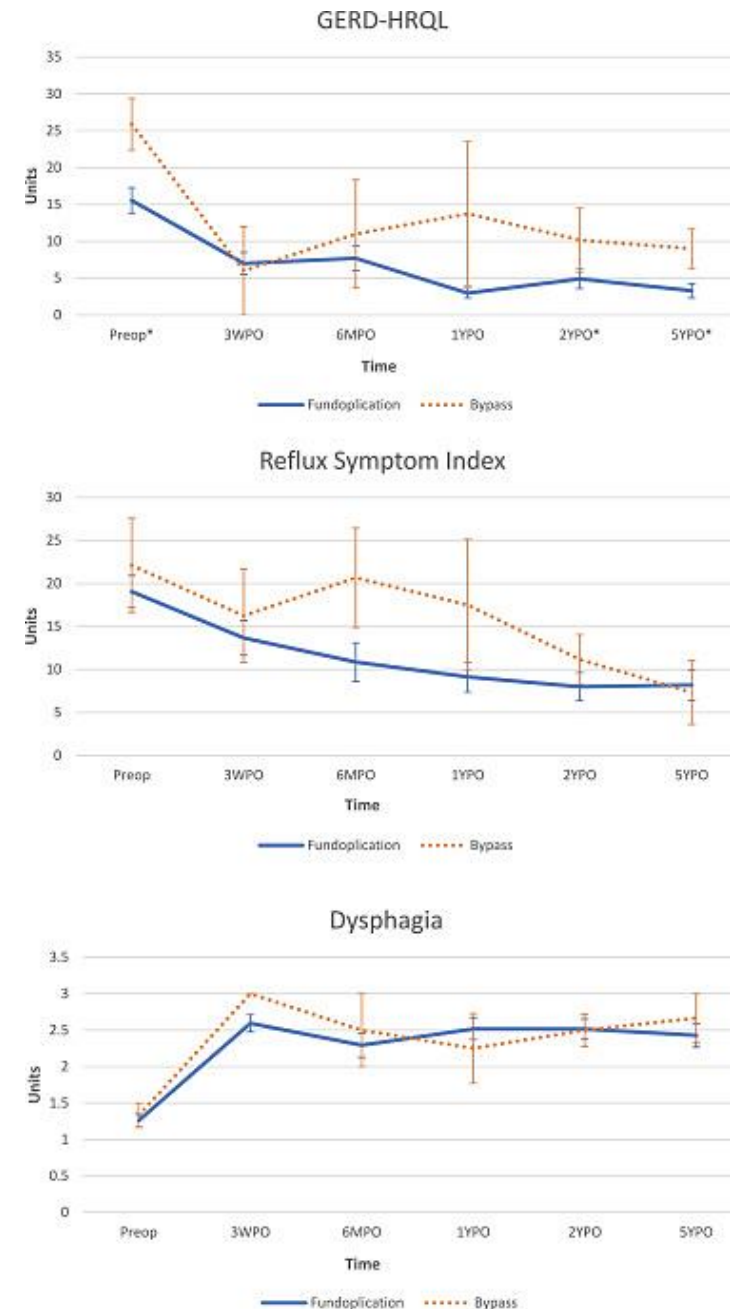
Stephanie Joseph¹, Vanessa N Vandruff², Julia R Amundson², Simon Che³, Christopher Zimmermann³, Shun Ishii³, Kristine Kuchta³, Woody Denham³, John Linn³, H Mason Hedberg³, Michael B Ujiki³

No significant difference was noted in postoperative DeMeester scores or percent time pH <4.

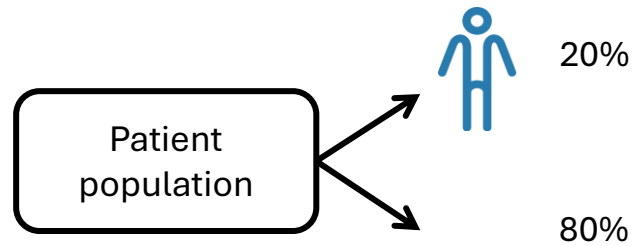
Weight loss was significantly higher in the Roux-en-Y gastric bypass group at all postoperative time points up to 5 years (P < .05).

Conclusion:

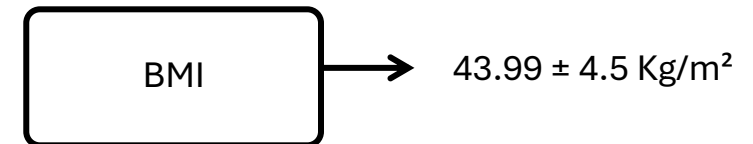
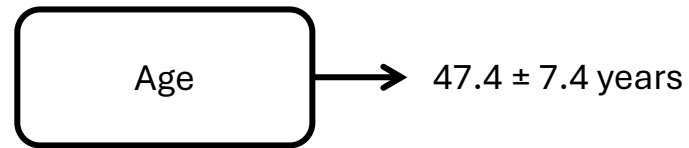
Roux-en-Y gastric bypass and fundoplication both decrease gastroesophageal reflux disease symptoms. Subjective data shows that patients undergoing Roux-en-Y gastric bypass may complain of worse symptoms compared to patients undergoing fundoplication. Objective data notes no significant difference in postoperative pH testing.



Inclusion Criteria




Large Hiatal Hernia
Grade 3 on Hill's Classification
Grade C/D Oesophagitis
Barrett's Oesophagitis




Video

2/12/2023 11:02:51

 Patient ID

 Patient Name

 Patient name (add. info)

 DOB

 Age


 Sex


 0


 6813


 A5




 Comment


 GIF-EZ1500


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
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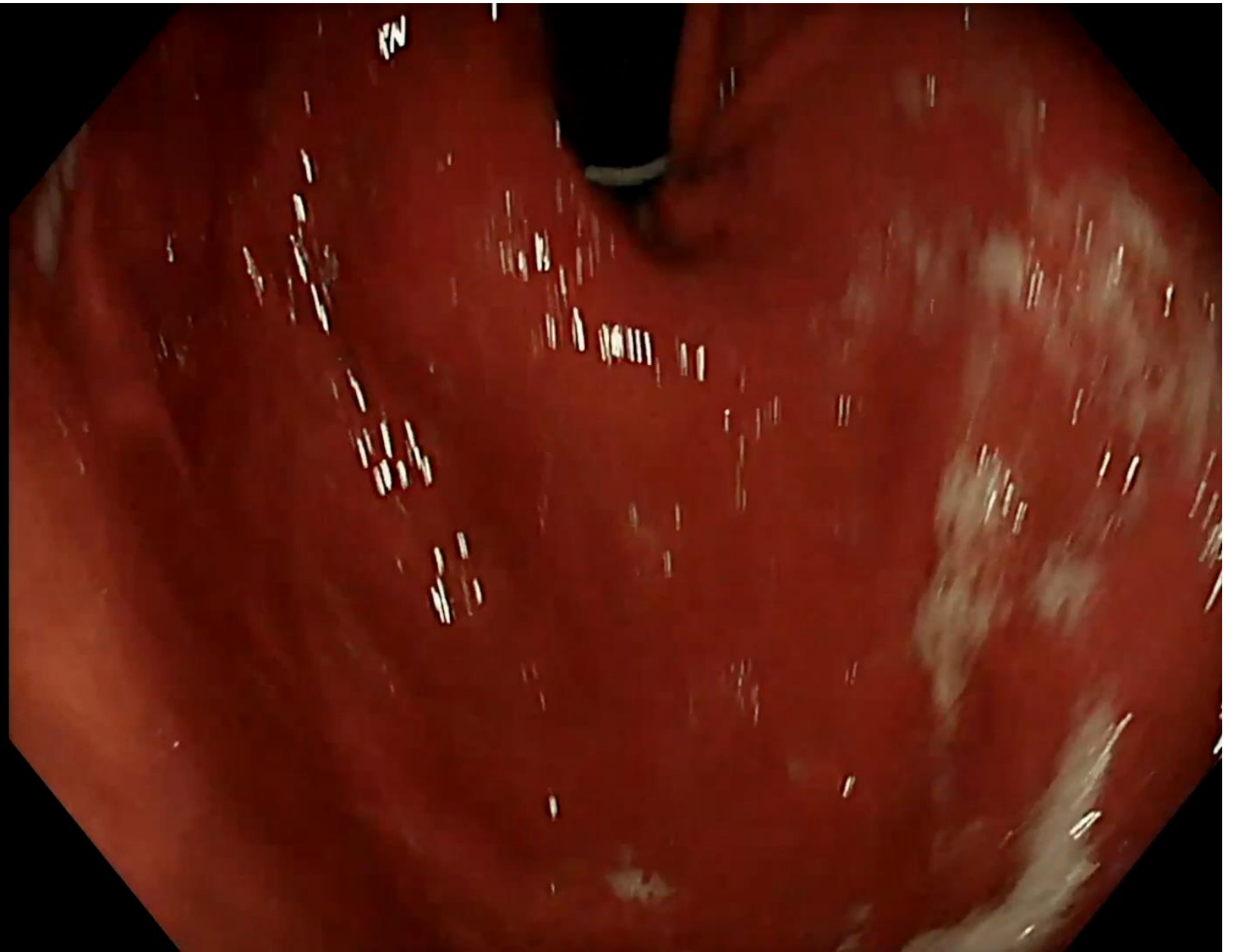
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 Focus





Obesity & Metabolic
Surgery society of India

9th IFSO APC | 22nd OSSICON Meeting

20-22 February 2025 | Mumbai, India, Jio World Convention Centre

Save the Date



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2025**

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We say Until We Meet Again