

# XXVIII IFSO World Congress

9-12 September 2025 | Santiago, Chile



**METABOLIC SURGERY UPDATES AND MUCH MORE!**

**HTN/LIPIDS**

**Carlos A Schiavon**

## IFSO 2025 Santiago

Combined Therapies, The Dawn of a New Era



A Beneficência  
Portuguesa  
de São Paulo

[ifso2025.org](https://ifso2025.org)

# Disclosures



XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile

Company	Honoraria	Funded Research
J&J Medtech	X	X
Medtronic	X	
NovoNordisk	X	
Myralis	X	



# Medical Weight Management for Cardiovascular Health.

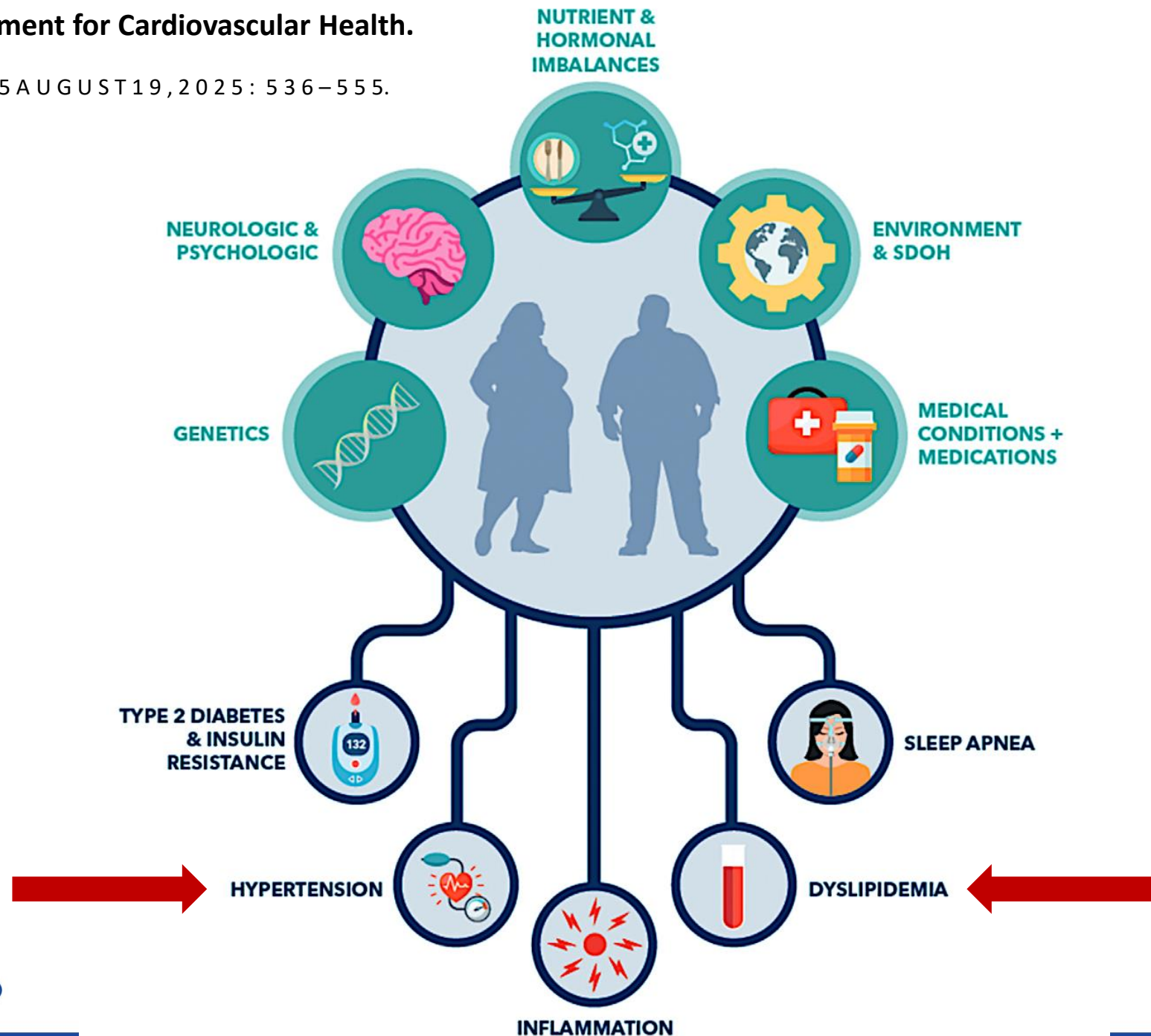
Gilbert et al.

JACC VOL. 86, NO. 7, 2025 AUGUST 19, 2025: 536-555.



## XXVIII IFSO World Congress

9-12 September 2025  
Santiago, Chile



[ifso2025.org](http://ifso2025.org)

# Effect of Laparoscopic Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass on Weight Loss, Comorbidities, and Reflux at 10 Years in Adult Patients With Obesity The SLEEVEPASS Randomized Clinical Trial

Paulina Salminen, MD, PhD; Sofia Grönroos, MD; Mika Helmiö, MD, PhD; Saija Hurme, MSc; Anne Juuti, MD, PhD; Risto Juusela, MD; Pipsa Peromaa-Haavisto, MD, PhD; Marja Leivonen, MD, PhD; Pirjo Nuutila, MD, PhD; Jari Ovaska, MD, PhD



**XXVIII IFSO  
World Congress**

**9-12 September 2025  
Santiago, Chile**

<b>HYPERTENSION</b>	<b>RYGB</b>	<b>SG</b>
<b>REMISSION</b>	<b>24%</b>	<b>8%</b>
<b>REDUCTION</b>	<b>24%</b>	<b>32%</b>
<b>NO CHANGE</b>	<b>53%</b>	<b>60%</b>

**70,8% of patients presented with hypertension at the BASELINE**



# Effect of Laparoscopic Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass on Weight Loss, Comorbidities, and Reflux at 10 Years in Adult Patients With Obesity The SLEEVEPASS Randomized Clinical Trial

Paulina Salminen, MD, PhD; Sofia Grönroos, MD; Mika Helmiö, MD, PhD; Saija Hurme, MSc; Anne Juuti, MD, PhD; Risto Juusela, MD; Pipsa Peromaa-Haavisto, MD, PhD; Marja Leivonen, MD, PhD; Pirjo Nuutila, MD, PhD; Jari Ovaska, MD, PhD



**XXVIII IFSO  
World Congress**

**9-12 September 2025  
Santiago, Chile**

<b>DYSLIPIDEMIA</b>	<b>RYGB</b>	<b>SG</b>
<b>REMISSION</b>	<b>35%</b>	<b>19%</b>

**35% of patients had dyslipidemia at BASELINE**

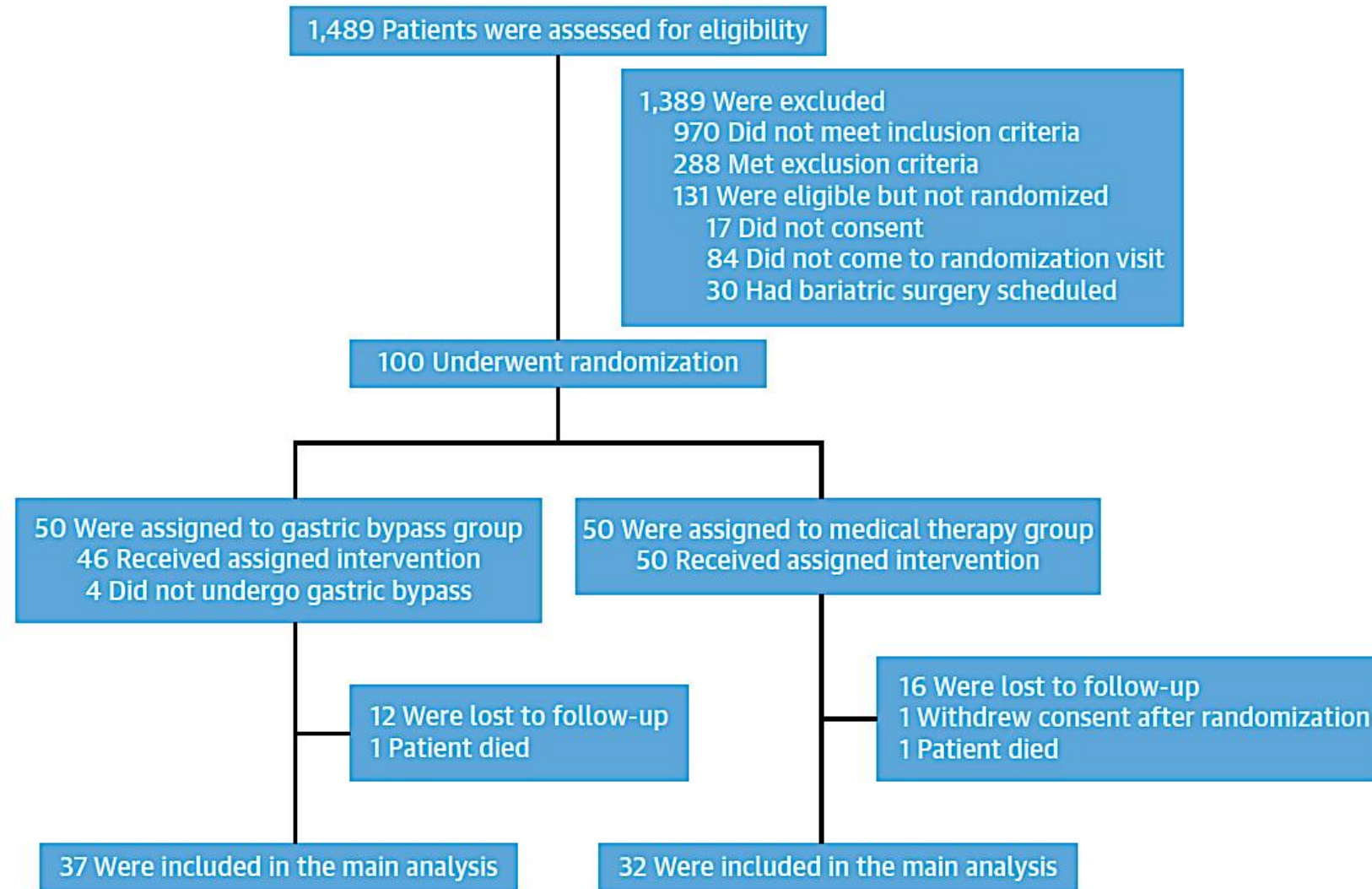




---

# Randomized Trial of Effect of Bariatric Surgery on Blood Pressure After 5 Years

**FIGURE 1** Flow of Subjects: Eligibility, Randomization, and Follow-Up



XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile



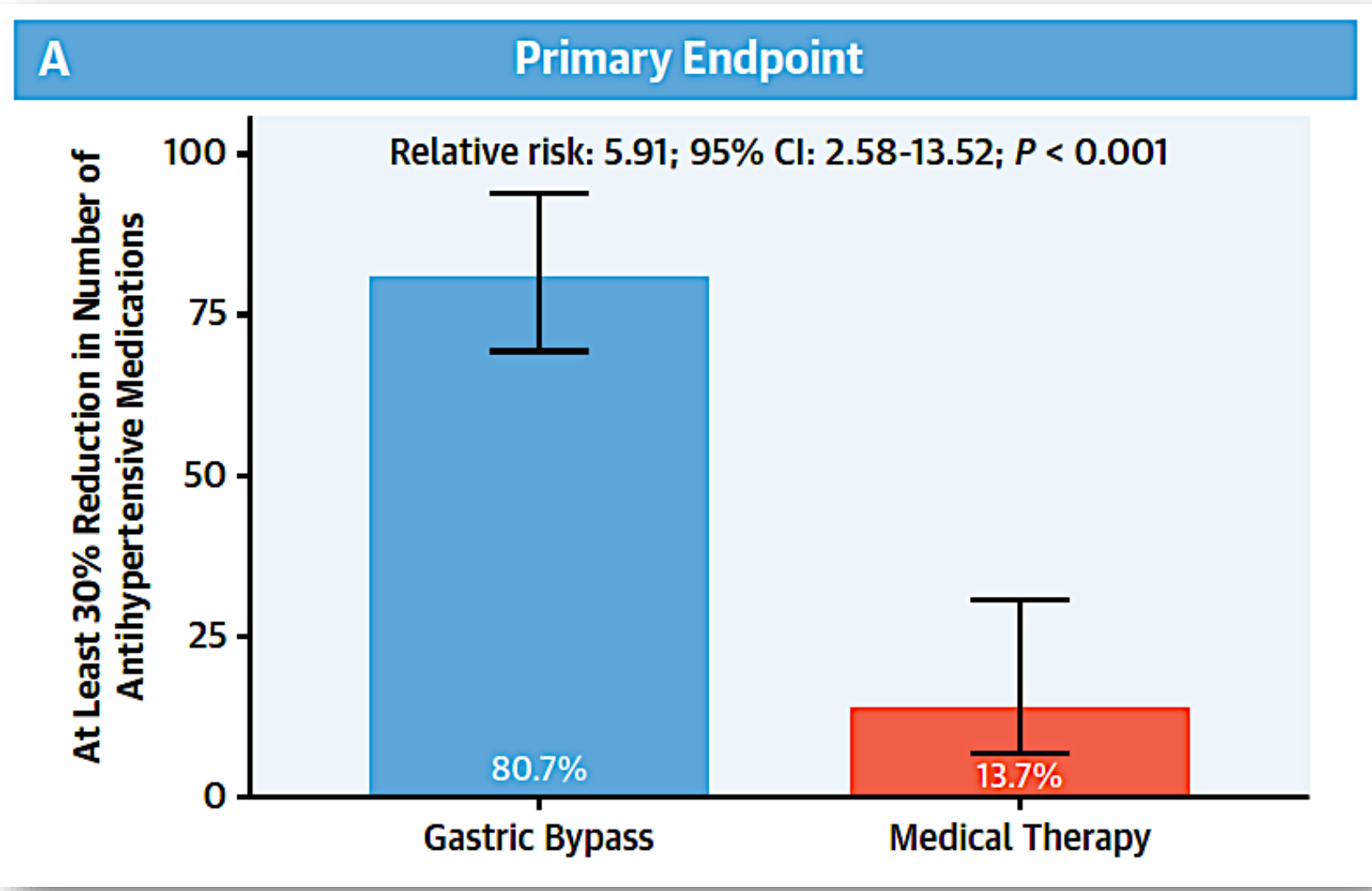
ifso2025.org



XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile

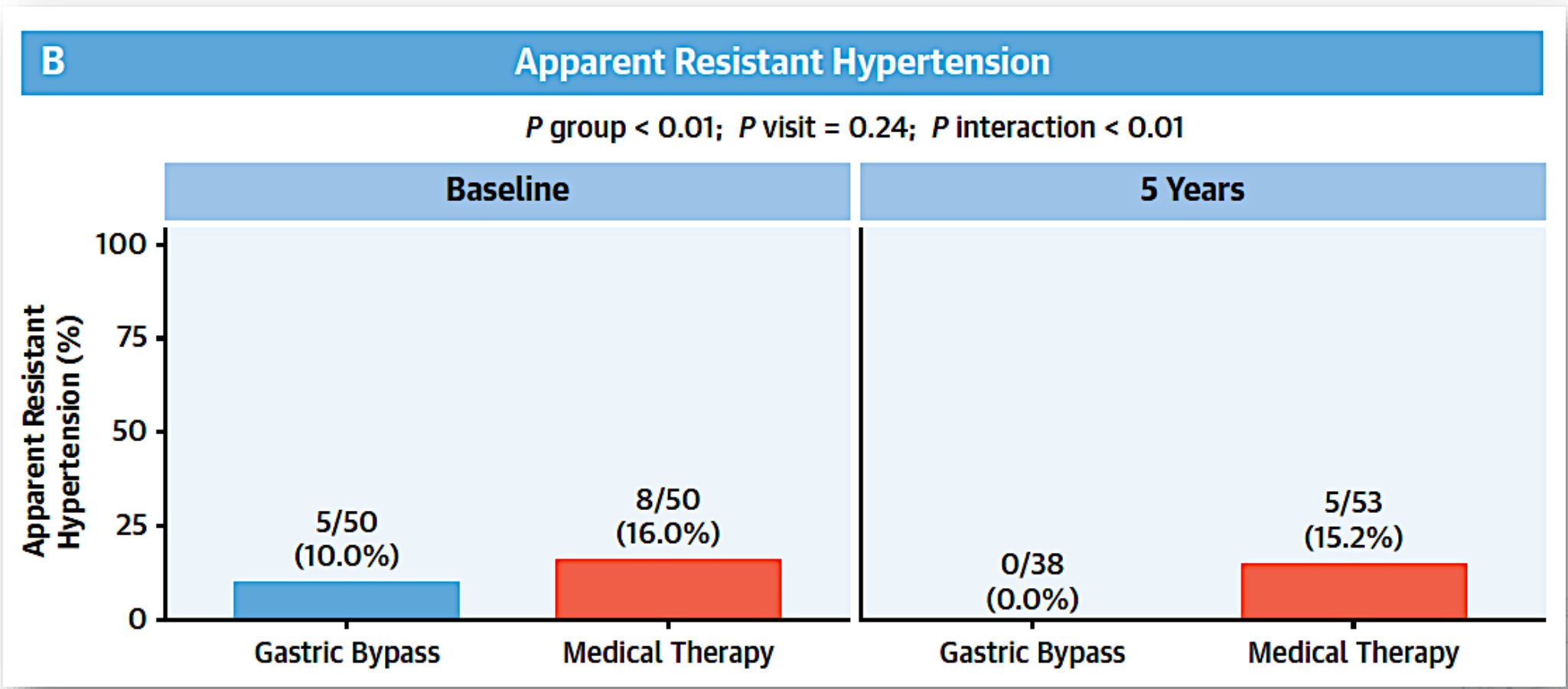
# PRIMARY ENDPOINT



ifso2025.org



# APPARENT RESISTANT HYPERTENSION





XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile

**47% x 2%**

**REMISSION OF  
HYPERTENSION  
BP < 140/90**



[ifso2025.org](https://ifso2025.org)



XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile

# Low-density lipoprotein cholesterol - mg/dL

## Gastric Bypass

## Medical Therapy

---

**Baseline**      **119.15 (106.98 to 131.32)**      **115.5 (103.98 to 127.02)**

---

**5 years**              **92.46 (82.43 to 102.49)**              **103.14 (91.69 to 114.6)**

	GB - Baseline	MT - baseline	GB – 5 years	MT – 5 years	p
<b>Statin - n (%)</b>	10/50 (20%)	13/50 (26%)	4/38 (10.5%)	19/33 (57.6%)	<0,001

# CONCLUSIONS



XXVIII IFSO  
World Congress

9-12 September 2025

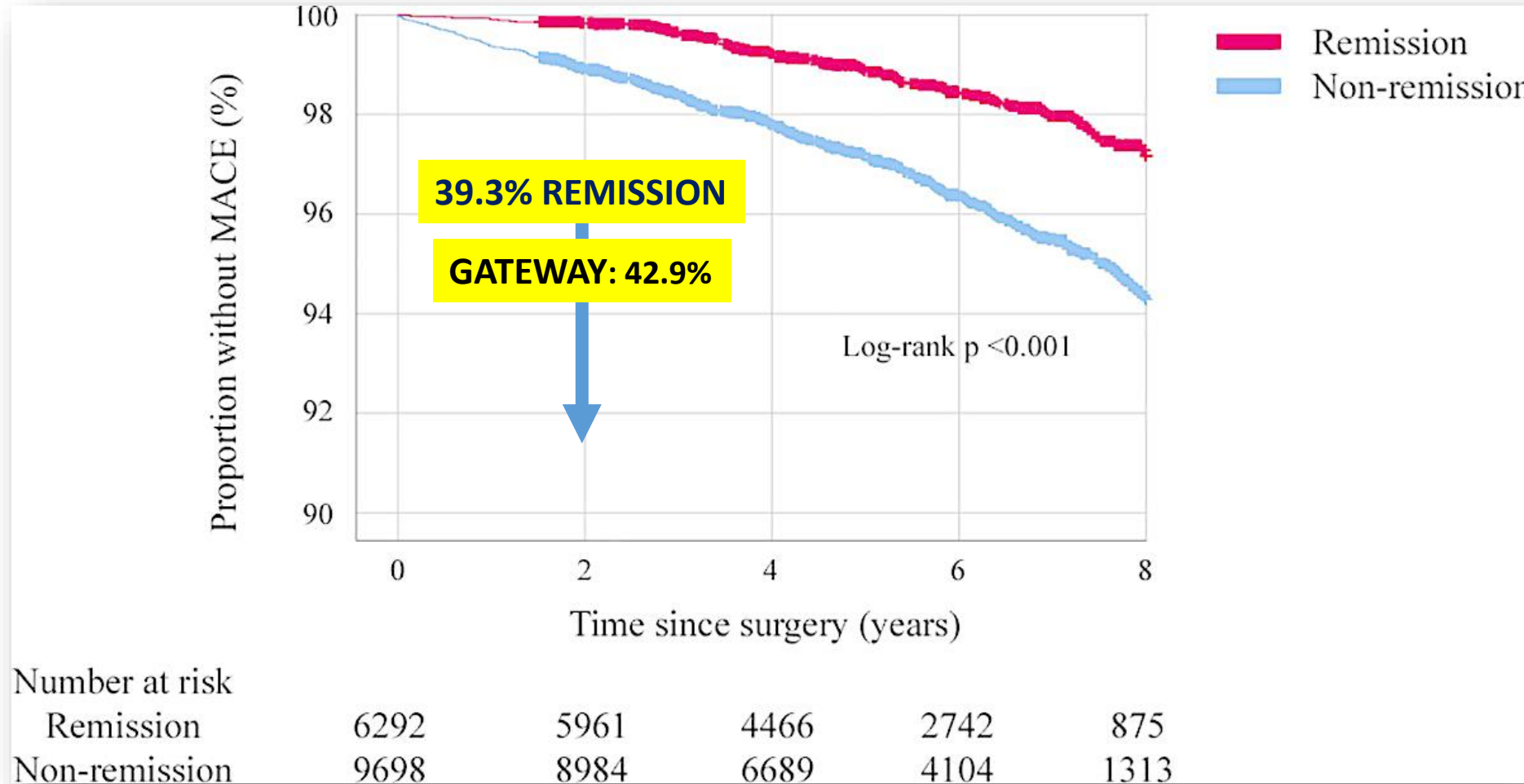
Santiago, Chile

# Remission, relapse, and risk of major CV events after metabolic surgery in persons with hypertension: A Swedish nationwide registry-based cohort study



XXVIII IFSO  
World Congress

9-12 September 2025  
Santiago, Chile



**MACE-free survival in patients experiencing remission of hypertension at 2 years and those not experiencing remission**

## ORIGINAL RESEARCH

---

# Reduced Risk of Cardiovascular Diseases After Bariatric Surgery Based on the New Predicting Risk of Cardiovascular Disease EVENTS Equations



XXVIII IFSO  
World Congress

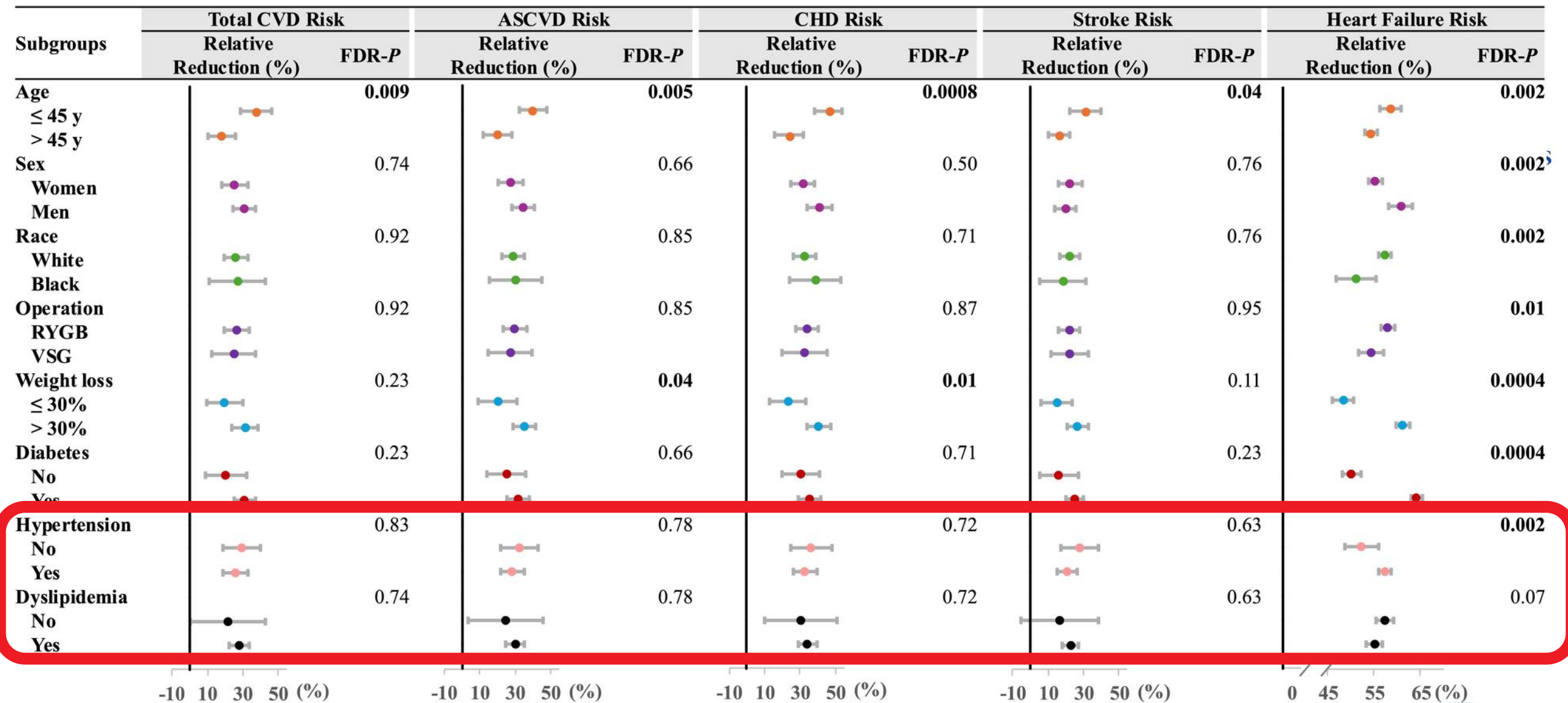
9-12 September 2025  
Santiago, Chile

### BACKGROUND:

We applied the novel Predicting Risk of Cardiovascular Disease EVENTS equations to evaluate cardiovascular–kidney–metabolic (CKM) health and estimated cardiovascular disease (CVD) risk after bariatric surgery.

7804 patients





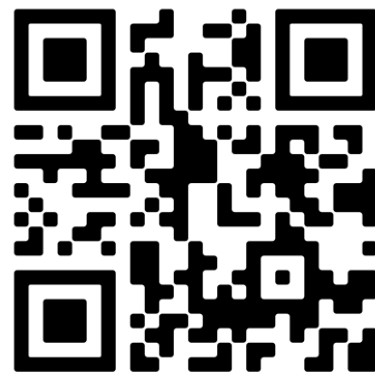
The relative reduction of 10-year CVD risk in subgroups at 1 year after surgery.



**XXVIII IFSO  
World Congress**

**9-12 September 2025  
Santiago, Chile**

**OBRIGADO  
GRACIAS  
THANK YOU  
MERCI  
DANK  
GRAZIE**



[ifso2025.org](https://ifso2025.org)