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Obesity Management Medications for Suboptimal Initial Clinical Response After Endoscopic Sleeve Gastropasty: a Comparative Cohort Study.

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TORONTO 2026

The Future of Obesity Management:
From Weight Loss to Health Gain



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Disclosure Slide

☐	No, nothing to disclose
☐	Yes, please specify:

Author	Company name	Honorary/ Expenses	Consulting / Advisory board	Funded Research	Royalties/ Patent	Stock Options	Ownership/ Equity Position	Employee	Other
Preiss Y, Boza A, Amat P, Sepúlveda M, Jauregui S, Saldías P.									Nothing to disclose
Boza C	Boston Scientific		x						



Background

- **Obesity management multimodal strategies**
- **ESG: effective and less invasive alternative**
- **Sub-optimal initial clinical response (SICR): achieving <10% of TWL**
- **Novel obesity management medications (OMMs): expanded therapeutic landscape**

Rationale = ESG + pharmacotherapy → enhances outcomes in SICR.



Objective

**Compare %TWL at 6 months and 1 year:
ESG alone vs ESG + OMMs in SICR**



Methods

Retrospective Cohort Study.

Cohort: Patients with SICR that received OMMs vs. patients with expected weight loss who did not received OMMs.

Baseline comparison: age, sex, preoperative weight, BMI

Primary outcome: TWL at 6 months and 1 year

Statistics: Shapiro-Wilk, student's t-test / Mann-Whitney U; chi-square for categorical variables; $p < 0.05$.



Results

Total weight loss (TWL) at 6 and 12 months

STUDY COHORT

145

Patients included

104

OMMs no (71.7%)

41

OMMs yes (28.2%)

MEDIAN TWL

OMMs no

OMMs yes

p value

6 months

12.6%

11.4%

0.21

12 months

15.2%

14%

0.17



Conclusions

There's no significant difference in TWL at 6 months and 1 year between the 2 cohorts.

Pharmacotherapy may have increased weight loss in this subgroup narrowing the gap

Prospective controlled studies are needed.





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