

New Medication will Lower the Number of Bariatric Surgery

Nasreen Alfari M.D., M.P.H.

Consultant Endocrinology, Diabetes, Metabolism and Obesity Medicine

Program Director of the Obesity Medicine Fellowship

Obesity, Endocrine, and Metabolism Center

King Fahad Medical Center, Riyadh, K.S.A



Disclosures

- Consultant: Novo Nordisk

Eli Lilly

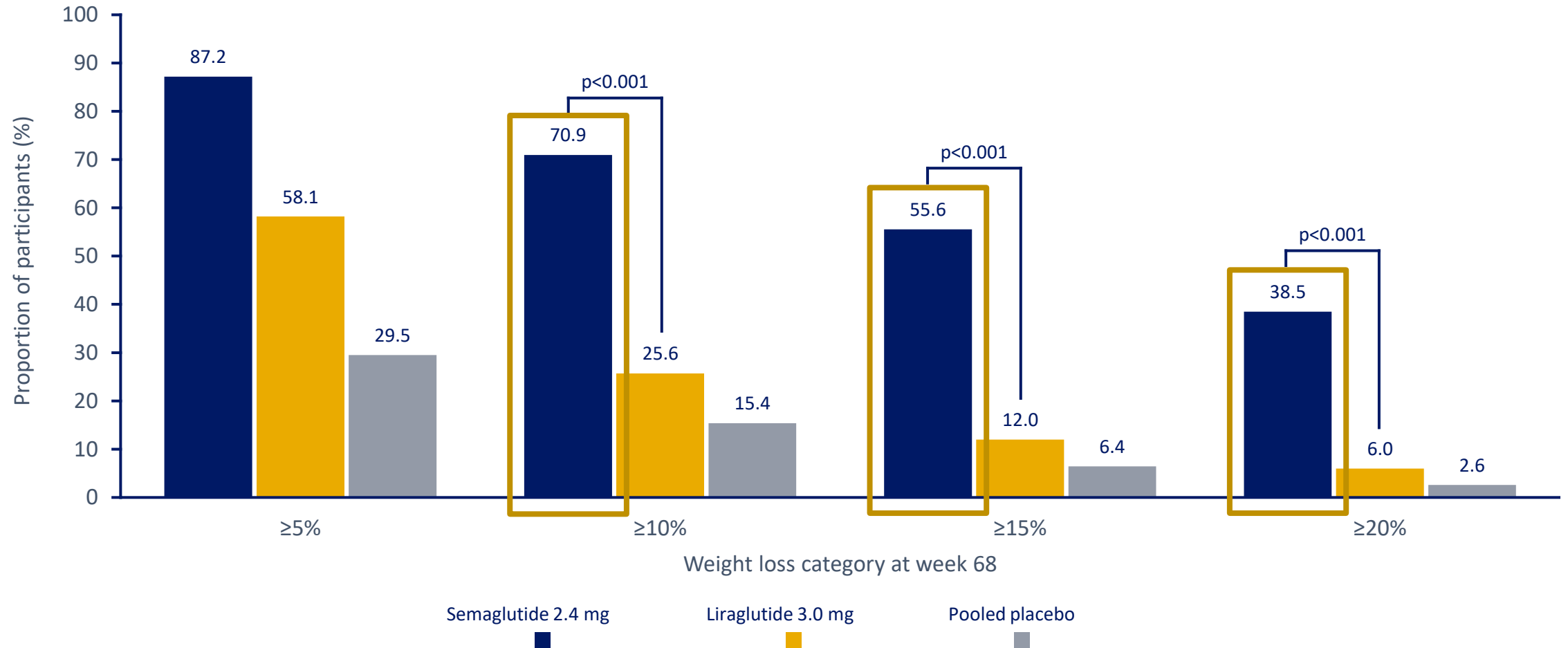
Ethicon



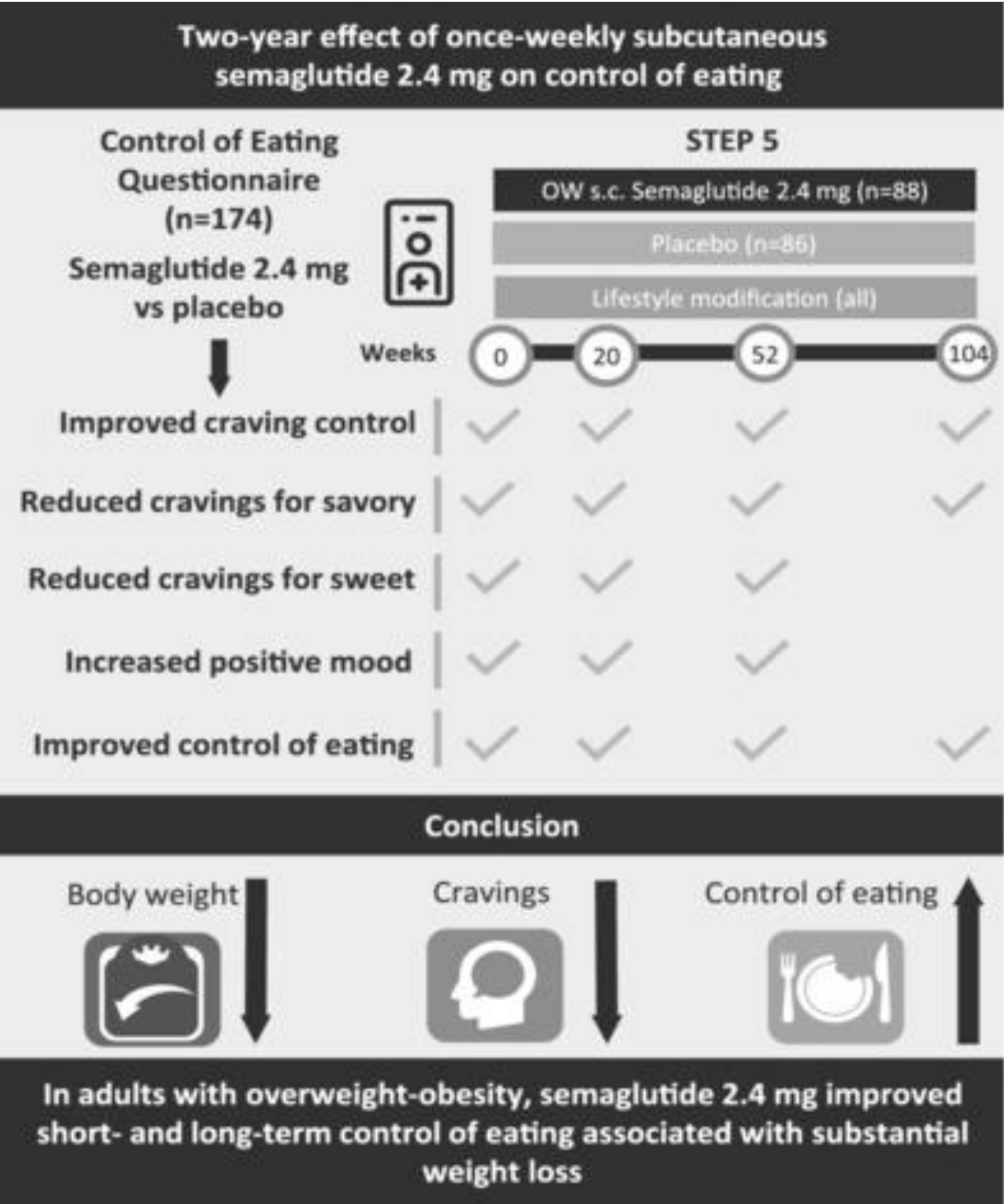
What are the Available GLP-1 RA?



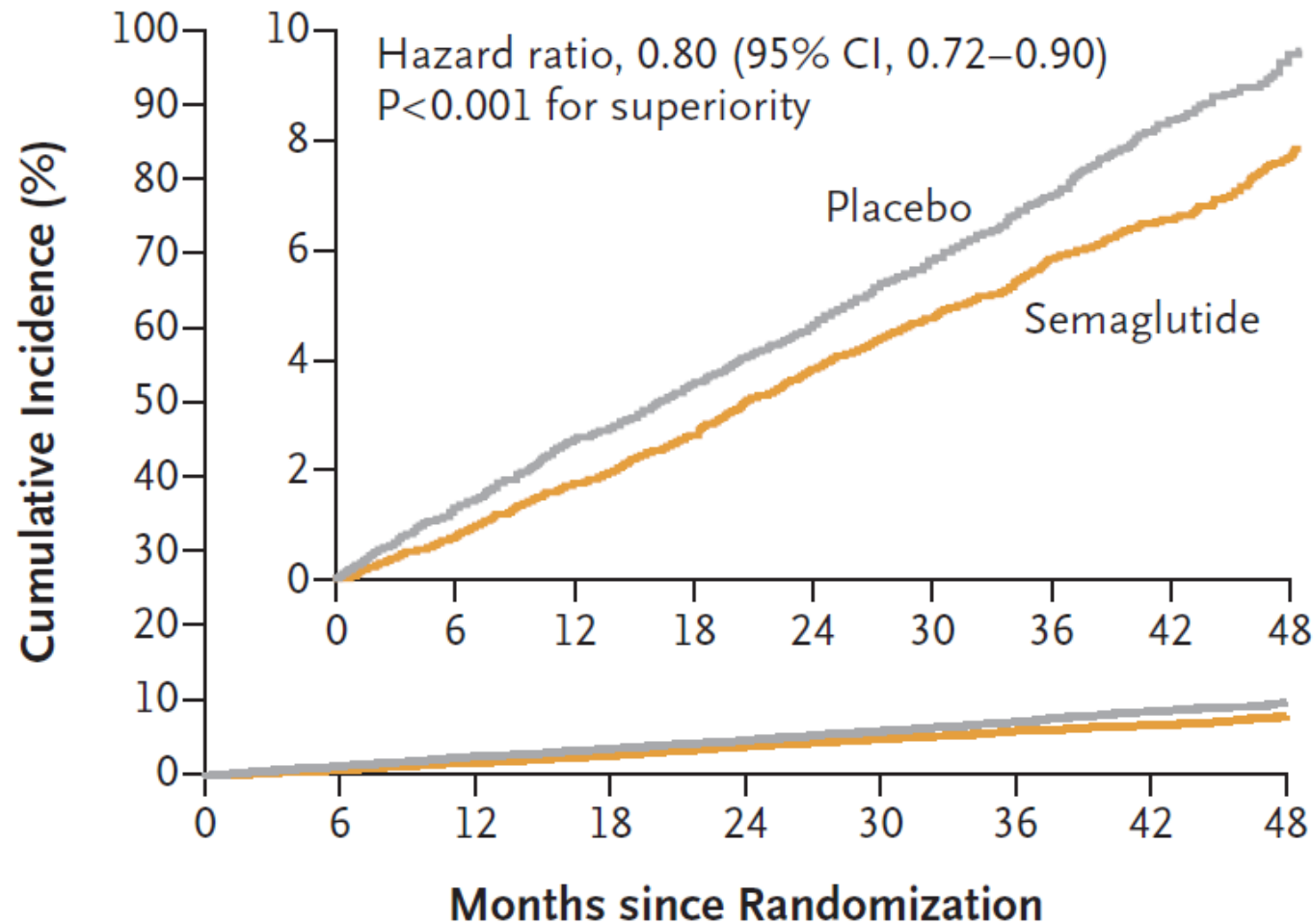
Semaglutide 2.4 mg



Observed proportions for the in-trial period. P values are for estimated odds ratios, assessed for the treatment policy estimand (regardless of treatment adherence or rescue intervention use).



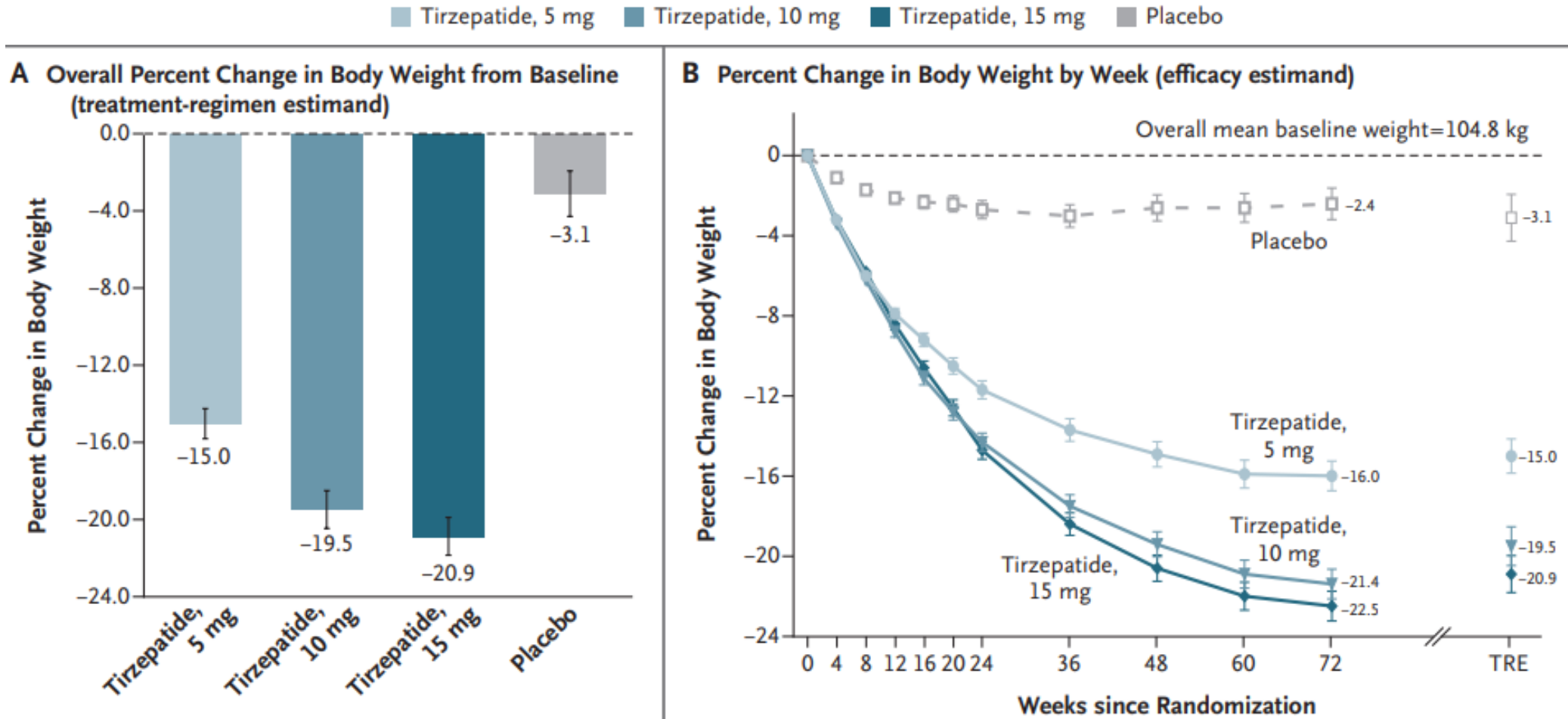
SELECT: CVS Benefit in the ABSENCE of T2DM



↓ 20 %

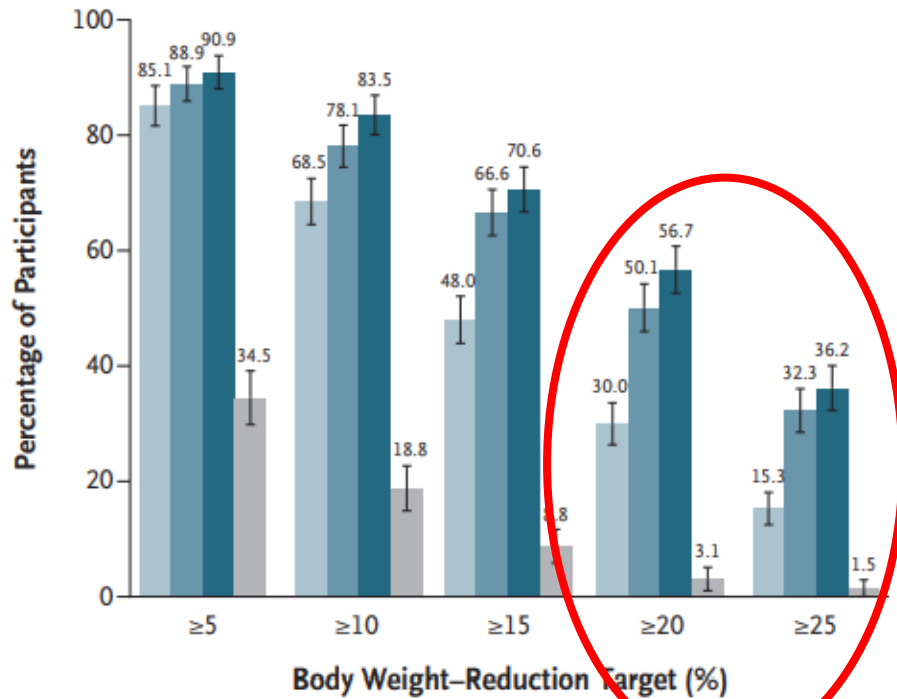


Tirzepatide (GLP-1/GIP RA)

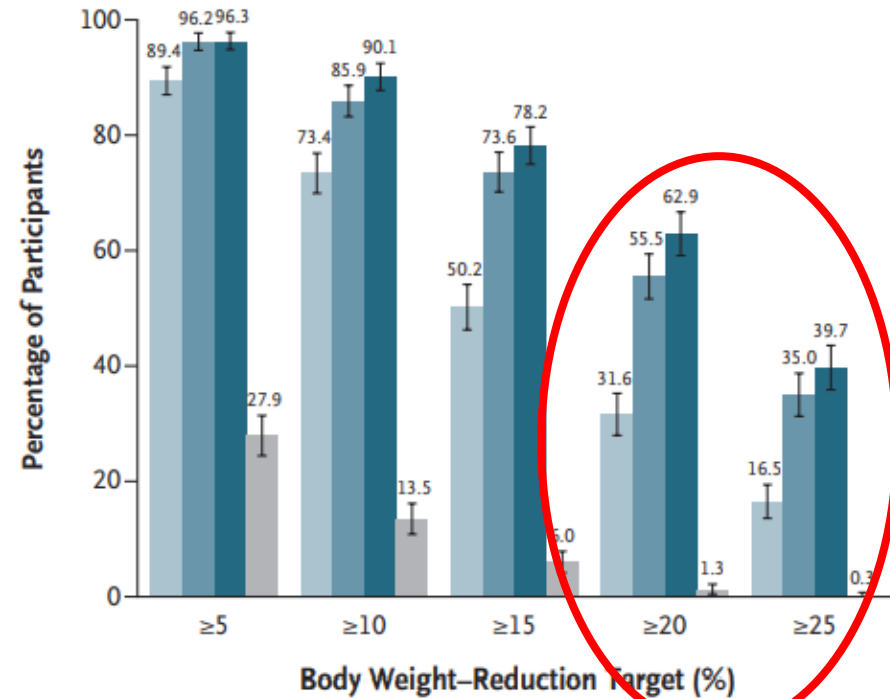


Tirzepatide

C Participants Who Met Weight-Reduction Targets (treatment-regimen estimand)



D Participants Who Met Weight-Reduction Targets (efficacy estimand)



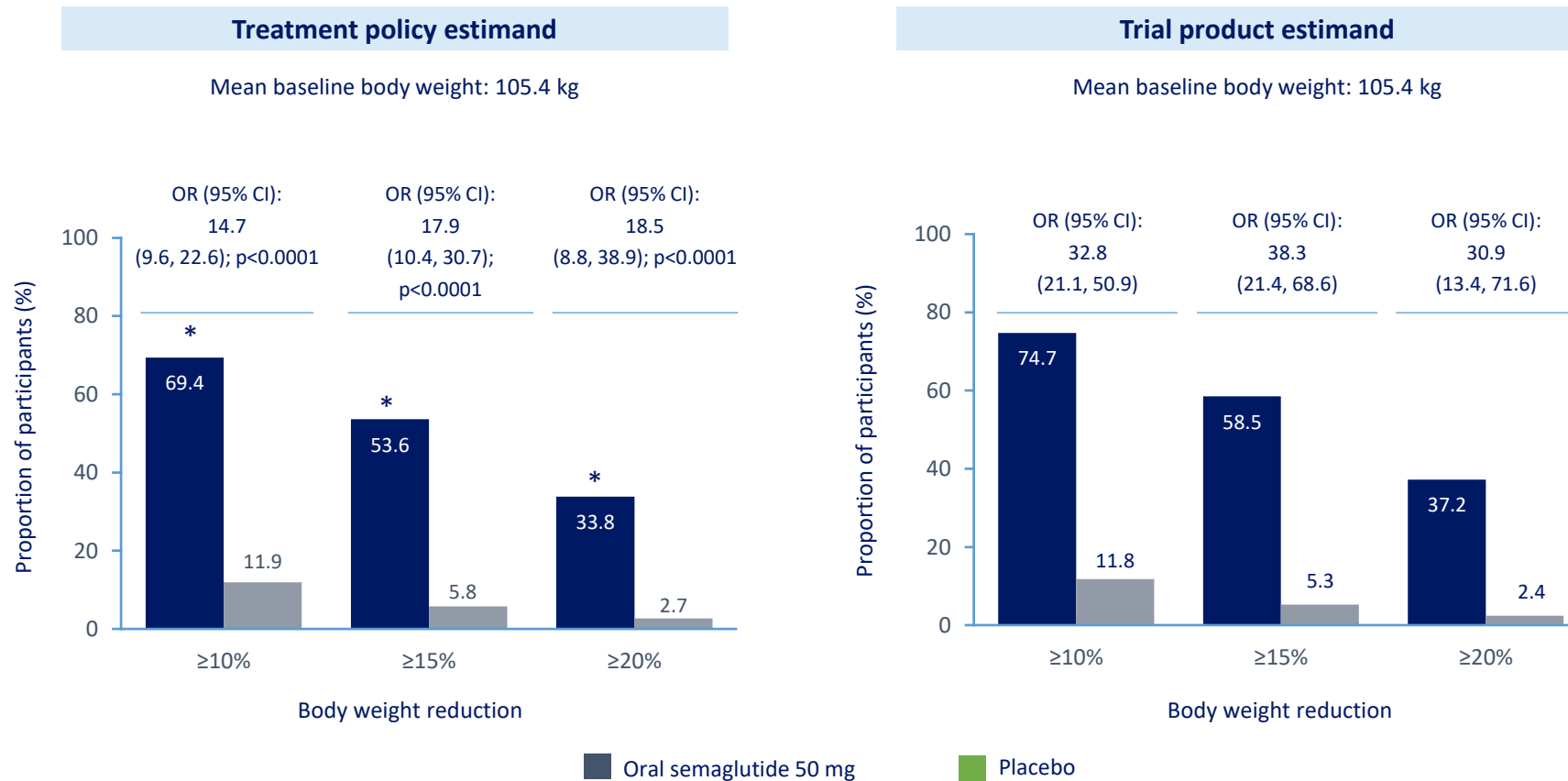
On the Horizon



Oral Semaglutide (GLP-1 RA)

Categorical body weight reductions at week 68

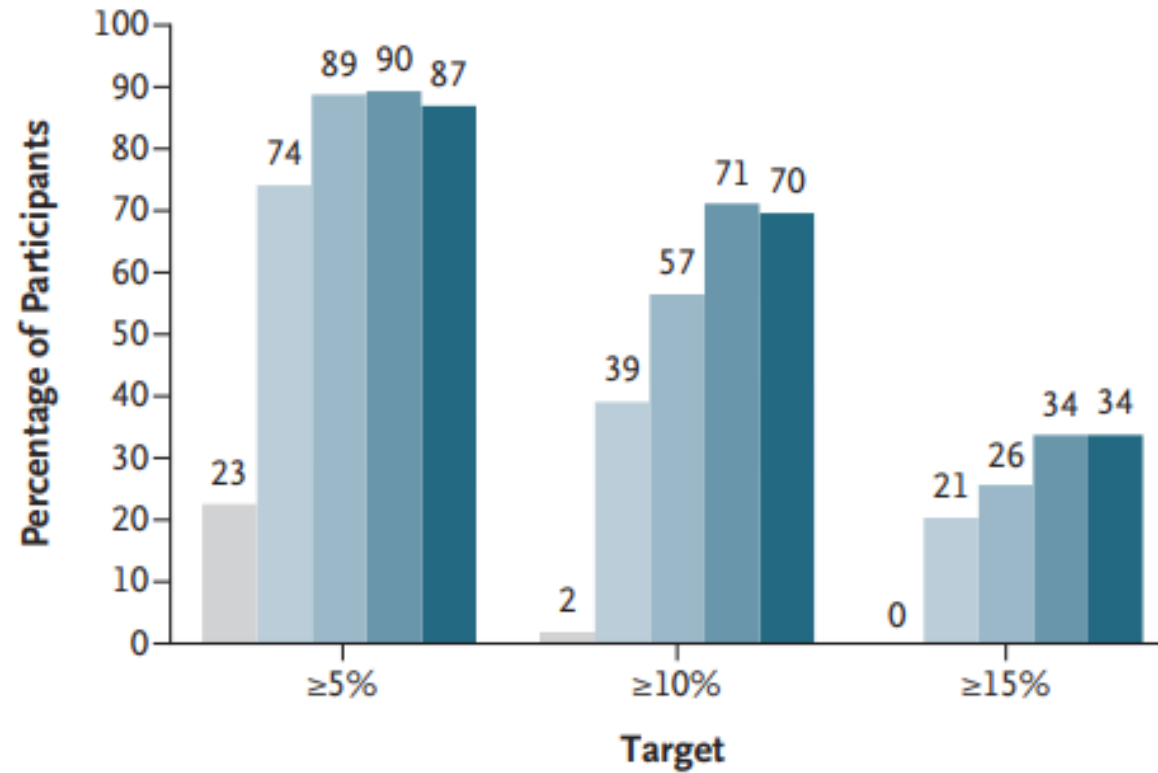
Confirmatory secondary endpoints



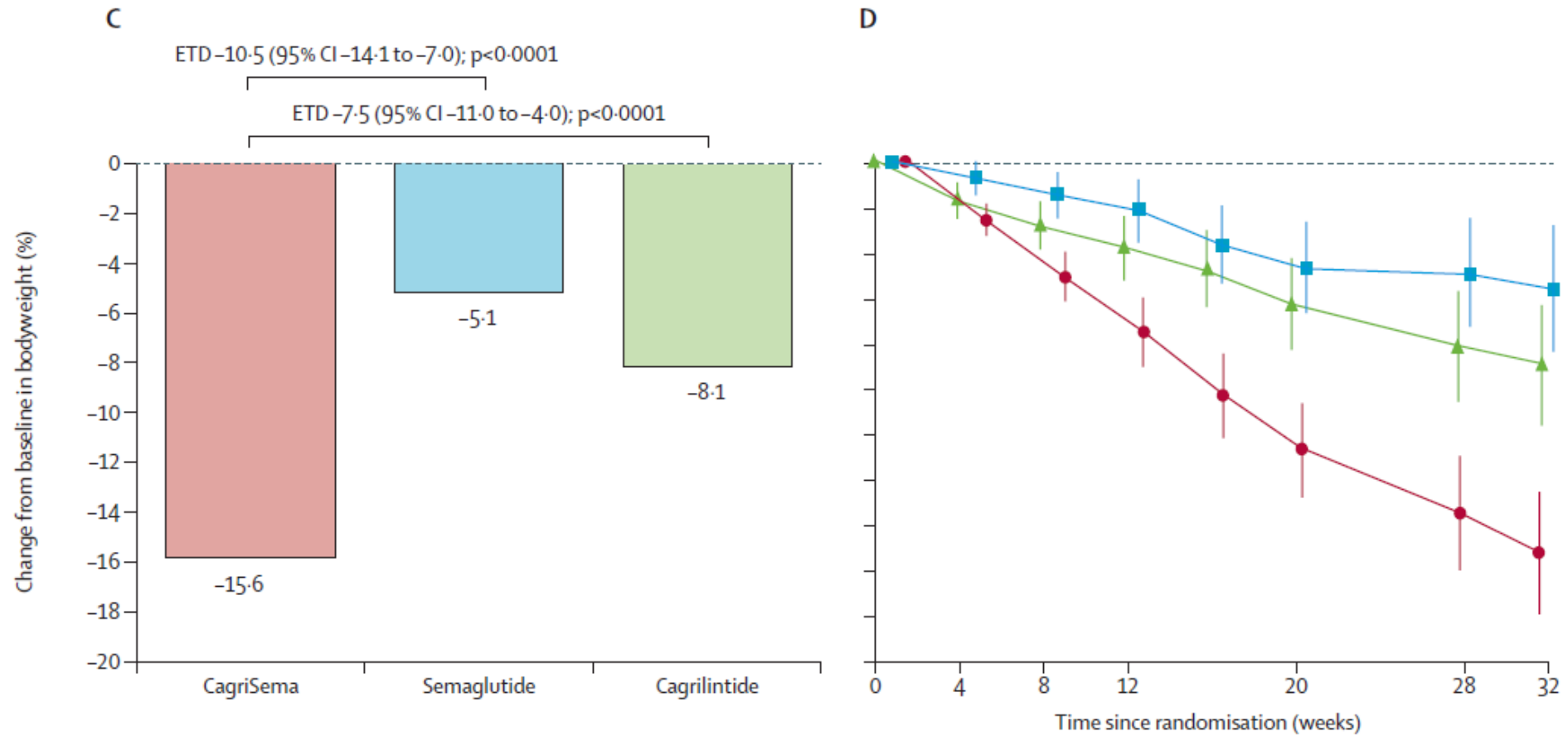
*Statistically significant vs placebo (full analysis set).
CI, confidence interval; OR, odds ratio.
Knop et al. The Lancet 2023; doi:[https://doi.org/10.1016/S0140-6736\(23\)01185-6](https://doi.org/10.1016/S0140-6736(23)01185-6)

Oral Orforglipron (GLP-1 RA)

C Weight Reduction by Week 26

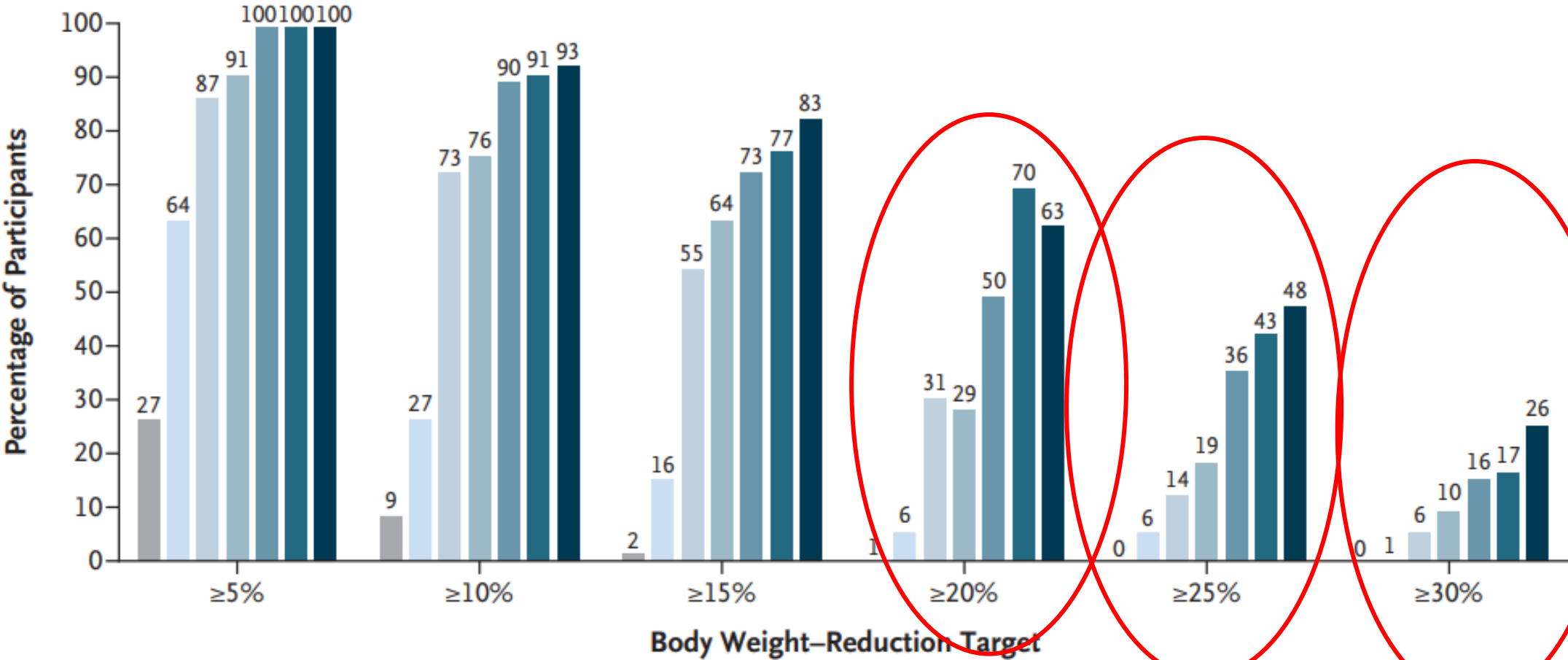


Cagrilintide +Semaglutide



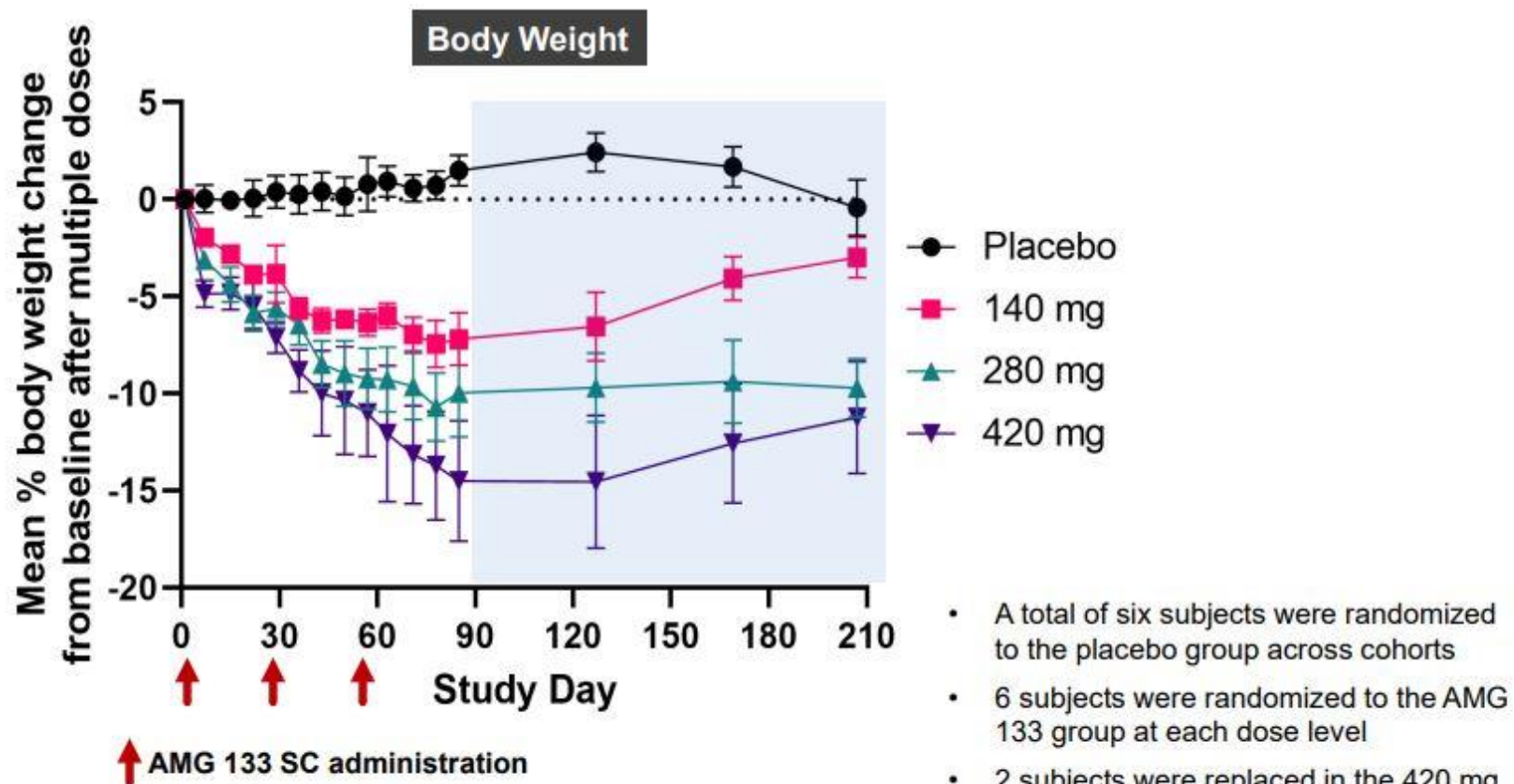
Retatrutide (GLP-1/GIP/Glucagon)

3 Attainment of Weight-Reduction Targets



AMG 133 (GLP-1 Agonist/ GIP Antagonist)

RAPID AND SUBSTANTIAL WEIGHT LOSS WITH DURABILITY OF EFFECT AFTER LAST DOSE ADMINISTERED

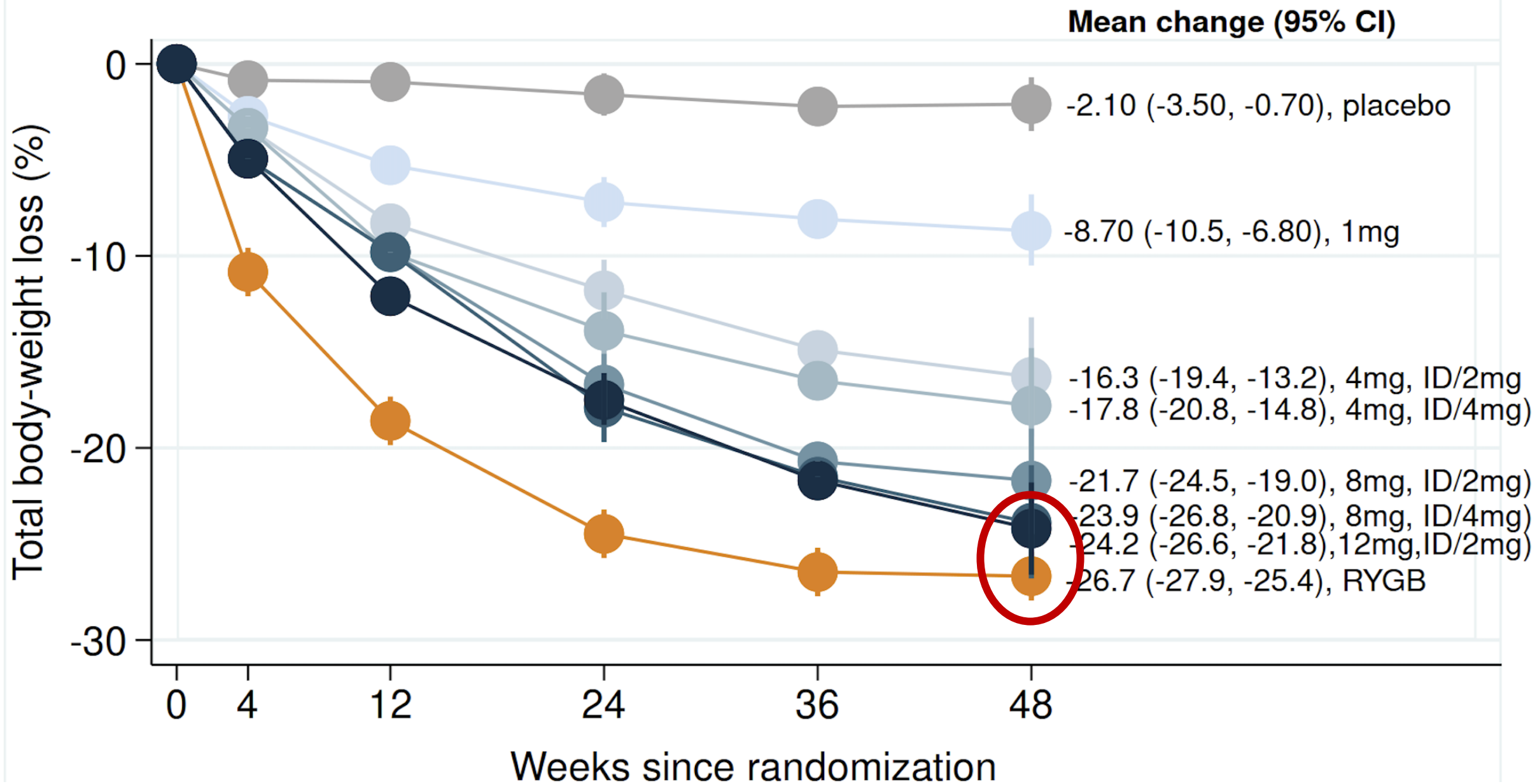


SC = subcutaneous; mg = milligram.



How do they compare to Bariatric Surgery?





What does this all mean??



What does this all mean??

- Surgery remains the most effective mode of treatment of obesity today
- In the advent of the newer OMM more patients are opting for pharmacotherapeutic agents instead of metabolic surgery
- We should NOT view treatment for obesity as “either pharmacotherapy OR metabolic surgery”, but rather “How can we further serve our patients through combination therapy”





Thank You

