



Dr Carlos Eduardo Barra
Couri

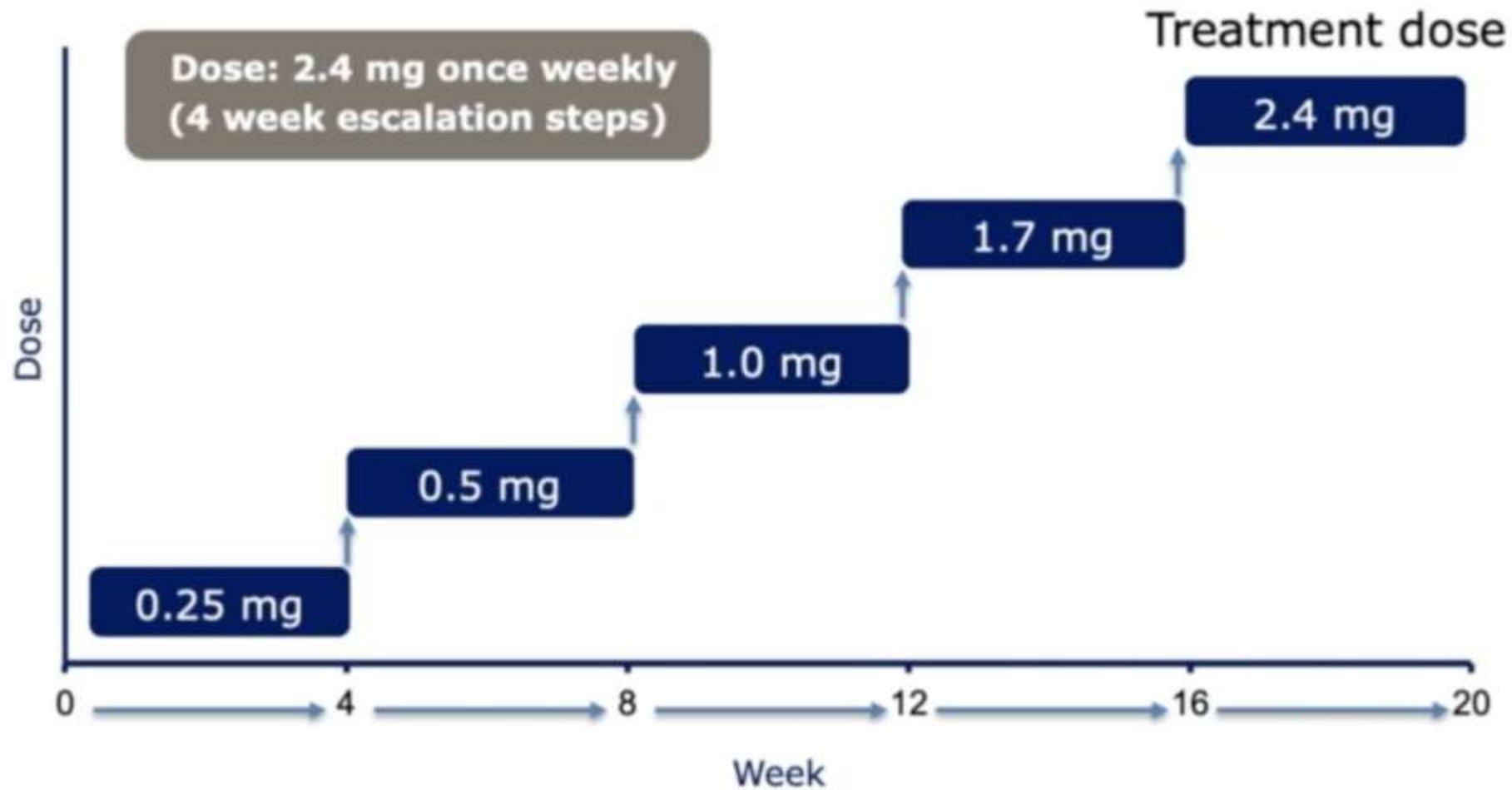
Semaglutida 2.4mg por semana. O que esperar do mais novo medicamento anti-obesidade aprovado pelo FDA?

SEMAGLUTIDA 2,4 MG



- ✓ SEMA 2,4mg foi aprovada como anti-obesidade pelo FDA em 04 de junho de 2021
- ✓ Indicado para $IMC \geq 30 \text{ Kg/m}^2$ ou $\geq 27 \text{ Kg/m}^2$ se comorbidades

Escalonamento de doses



STEP Program



Global phase 3a

STEP 1 Weight management (N=1,961)	STEP 2 WM in T2D (N=1,210)
STEP 3 WM with IBT (N=611)	STEP 4 Sustained WM (N=803)
STEP TEENS WM in adolescents (N=200)	

Regional phase 3a

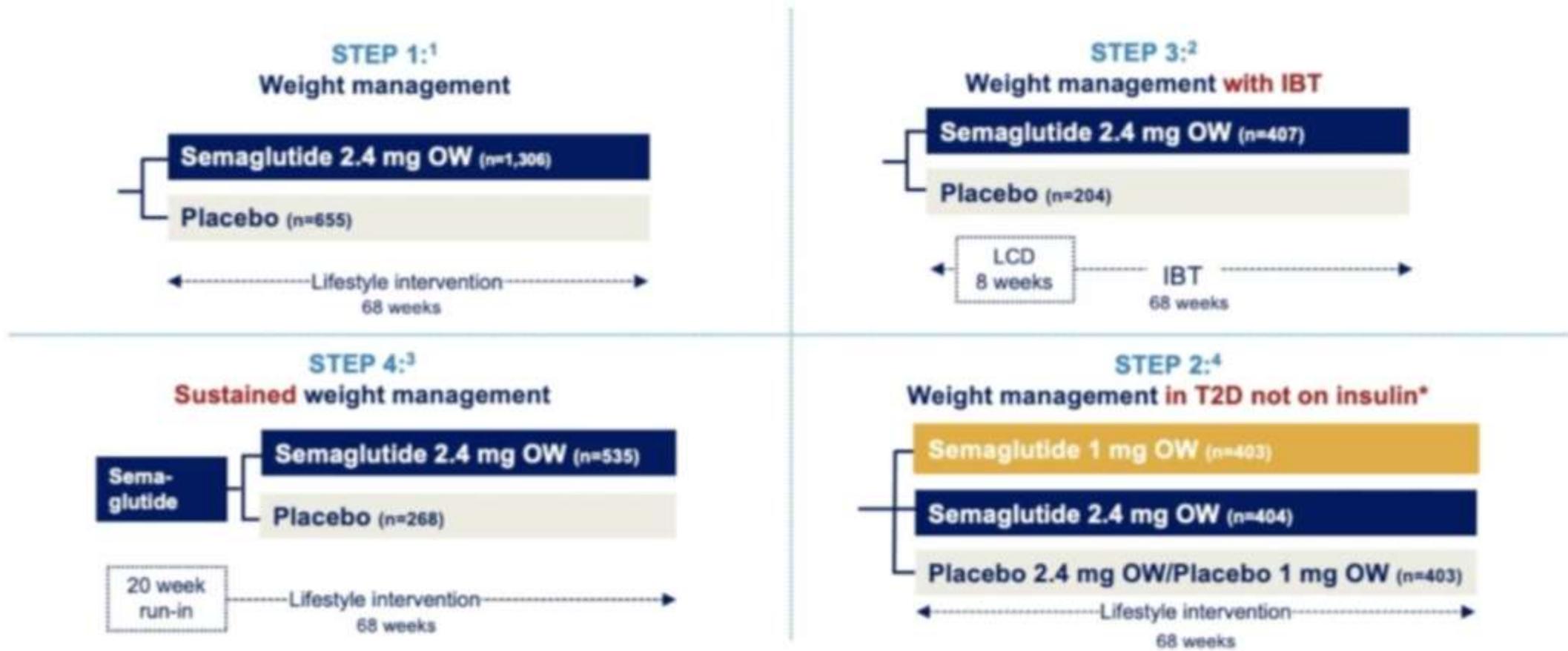
STEP 6 East Asian trial (N=400)
STEP 7 China MRCT (N=375)

Phase 3b

STEP 5 Long-term WM (N=300)	STEP 9 Semaglutide in knee OA (N=375)
STEP 8 H2H vs. liraglutide (N=336)	STEP HFpEF Semaglutide in HFpEF (N=478)
SELECT CVOT (N=17,500)	

STEP Program simplificado

4700 indivíduos



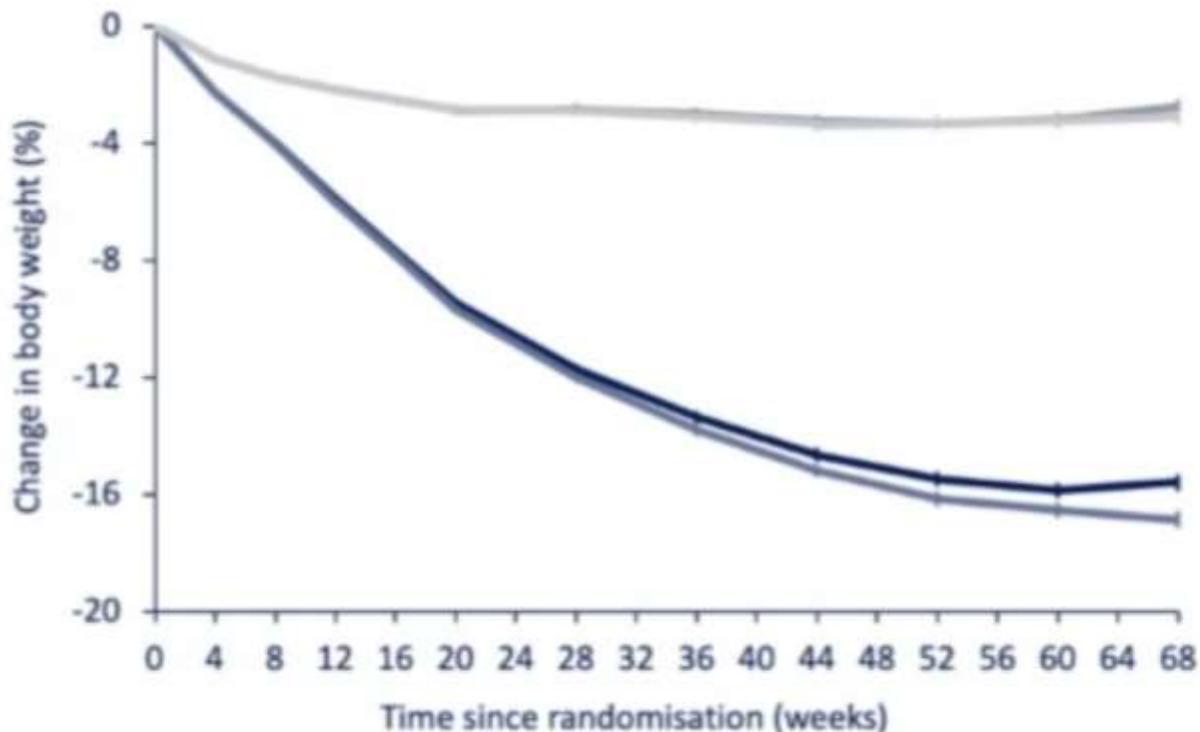
Lifestyle intervention: -500 kcal/day diet + 150 min/week physical activity. *Participants on sulfonylurea: semaglutide 1.0 mg: 24.6%; semaglutide 2.4 mg: 26.7%; placebo: 24.1%
 IBT, intensive behavioral therapy; LCD, low-calorie diet; OW, once-weekly; STEP, Semaglutide Treatment Effect in People with obesity; T2D, type 2 diabetes.
 1. Wilding et al. *N Engl J Med* 2021;384:989; 2. Wadden et al. *JAMA* 2021; doi:10.1001/jama.2021.1831; 3. Rubino et al. *JAMA* 2021; doi:10.1001/jama.2021.3224;
 4. Davies et al. *Lancet* 2021;397:971-84.

STEP -1 (Sema x PBO)

Sem diabetes

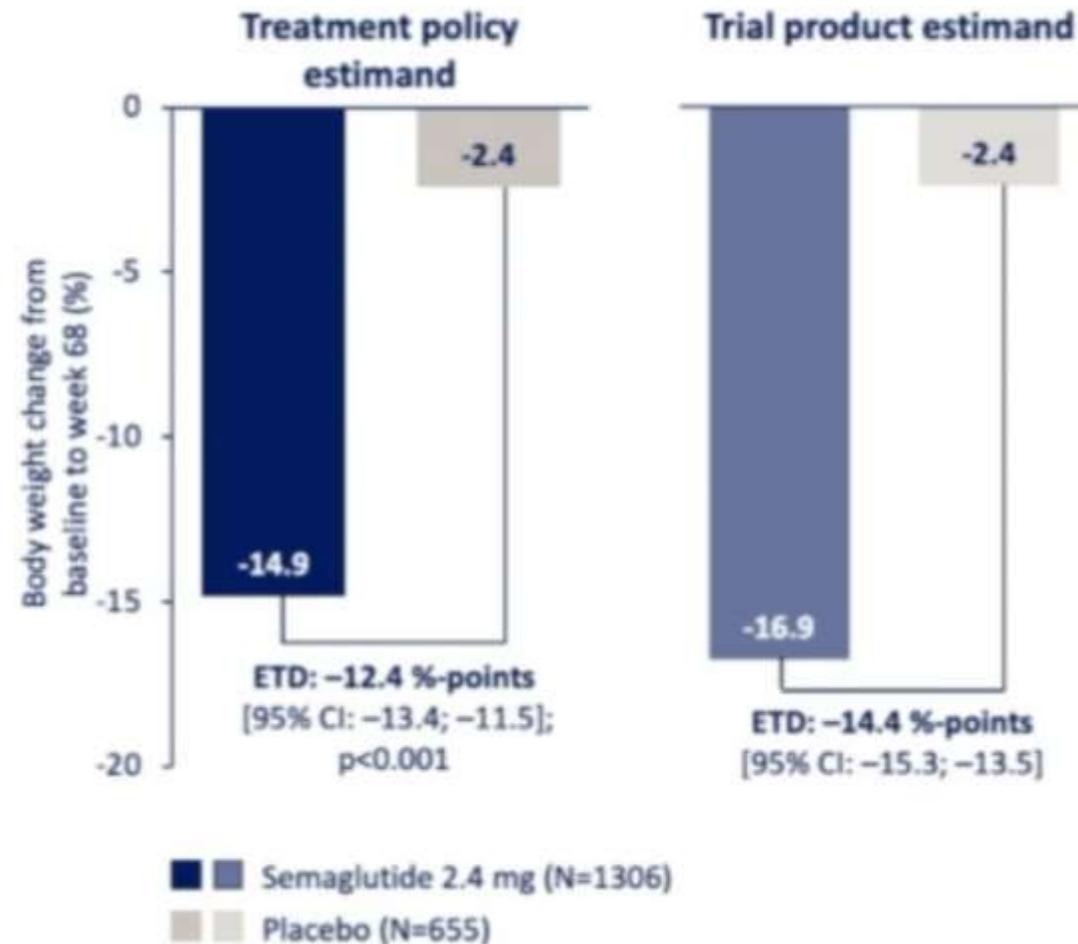


Observed body weight change over time



In-trial: **Semaglutide 2.4 mg** (dark blue line) **Placebo** (grey line)
On-treatment: **Semaglutide 2.4 mg** (medium blue line) **Placebo** (light grey line)

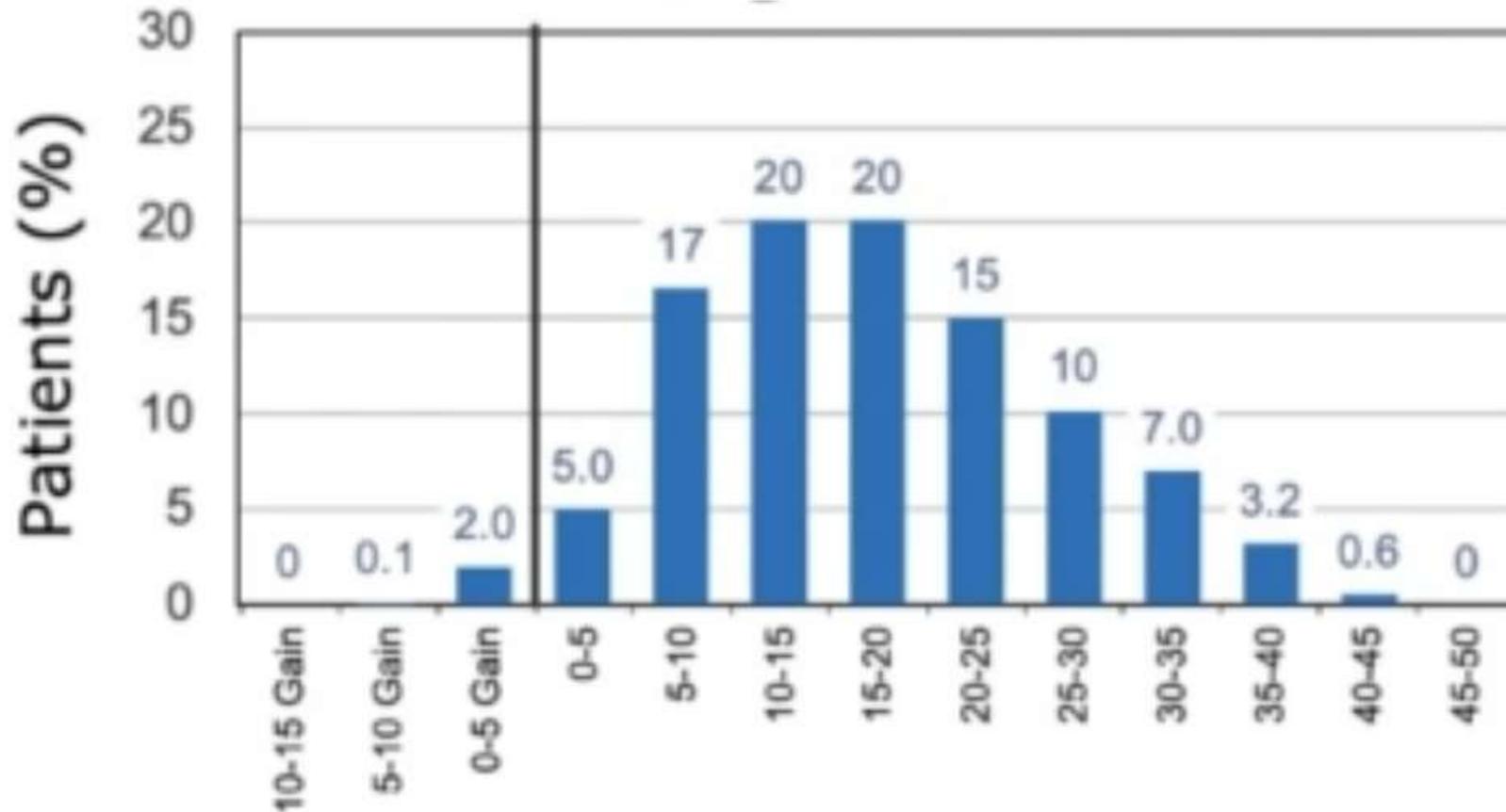
Estimated change from baseline to week 68



Right hand graph shows observed mean data: Error bars represent standard error of the mean.
CI, confidence interval; ETD, estimated treatment difference.
Wilding JP, et al. N Engl J Med 2021;384:989; Data on file.

STEP -1 (Sema x PBO)

Sem diabetes



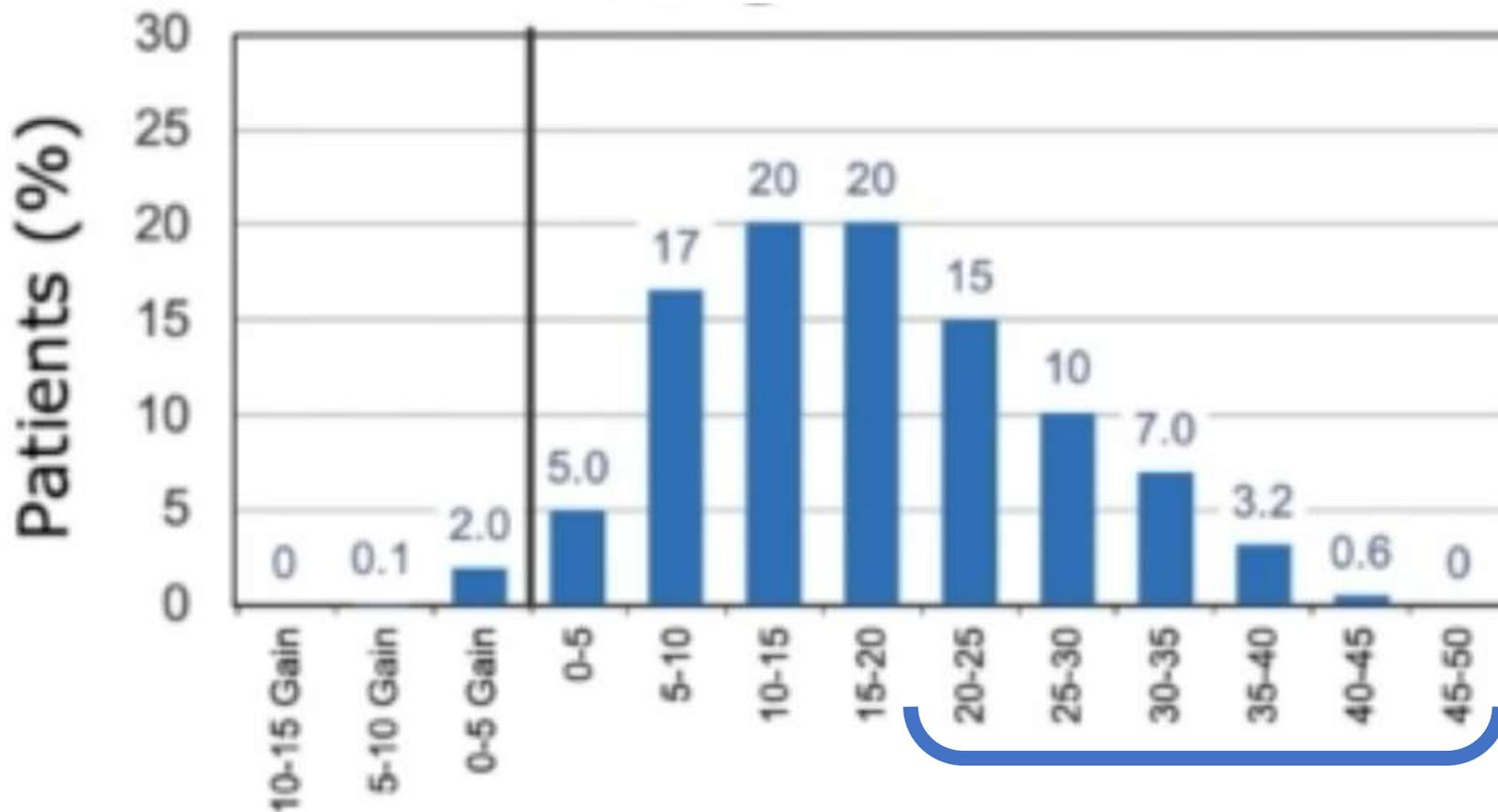
Perda de peso

STEP -1 (Sema x PBO)

Sem diabetes



Accesse a biblioteca

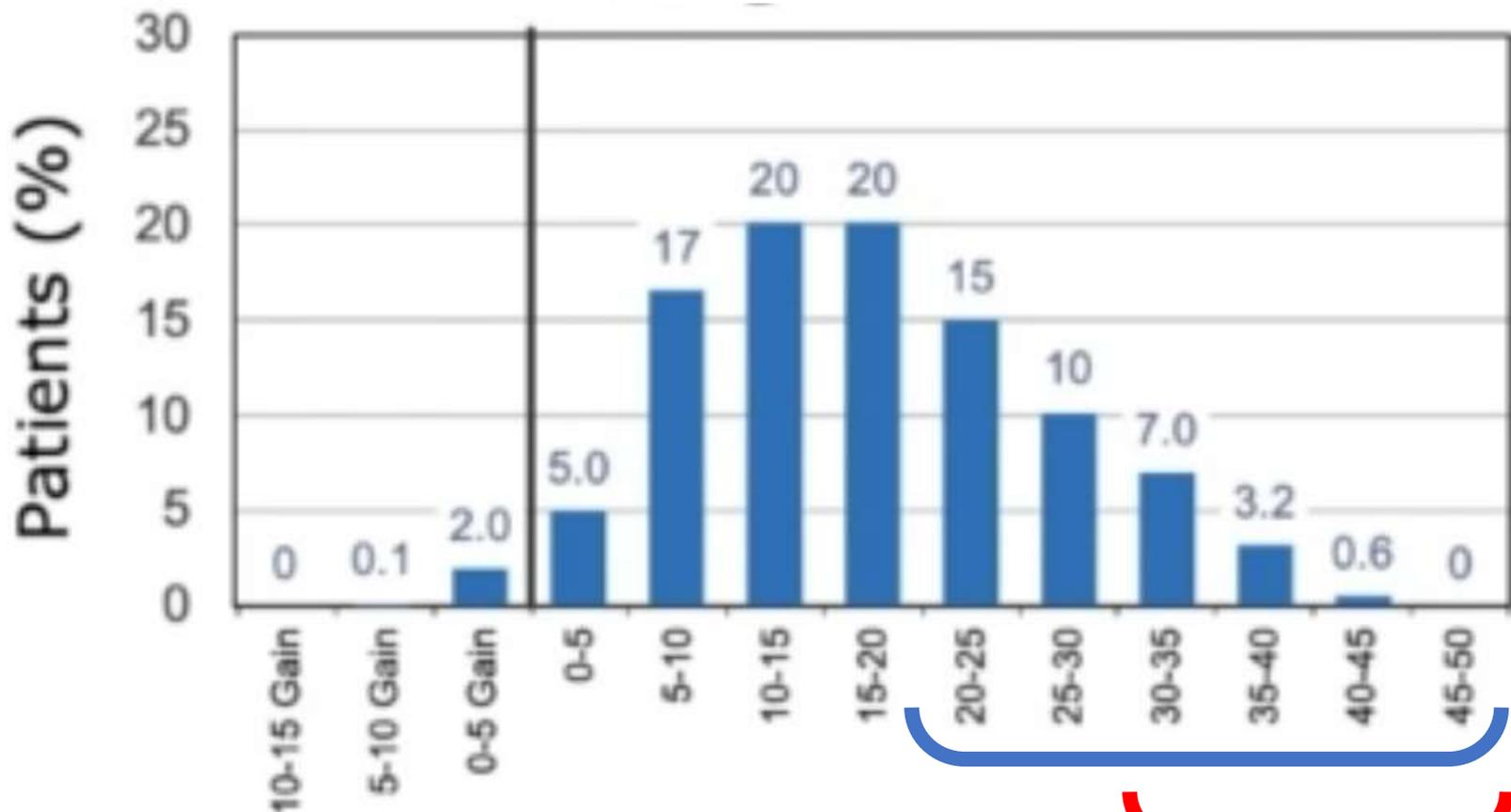


35%

Perda de peso

STEP -1 (Sema x PBO)

Sem diabetes

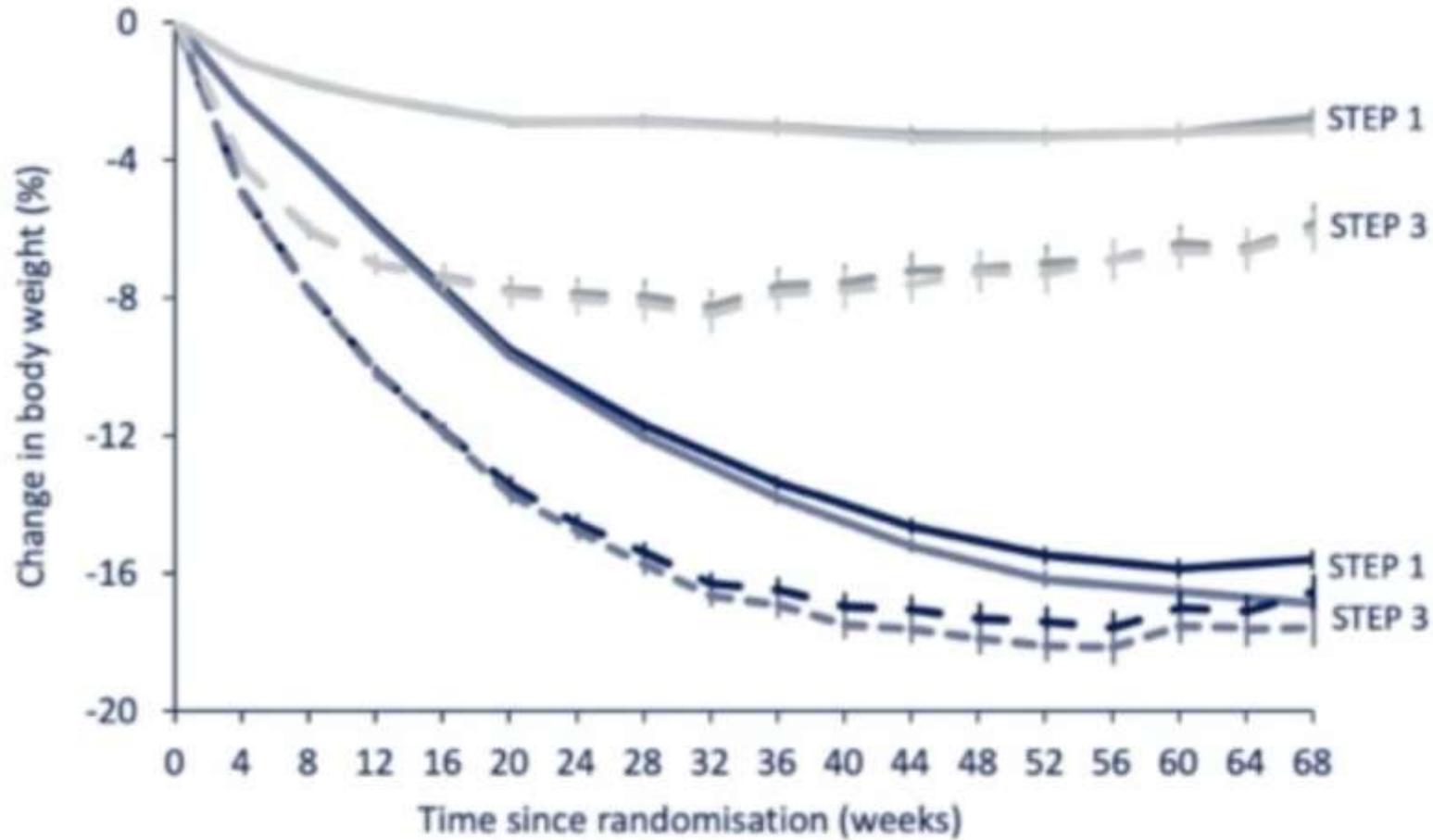


35%

11%

Perda de peso

STEP-3 com MEV intensiva X STEP-1



Semaglutide 2.4 mg Placebo

In-trial: **—** **—**

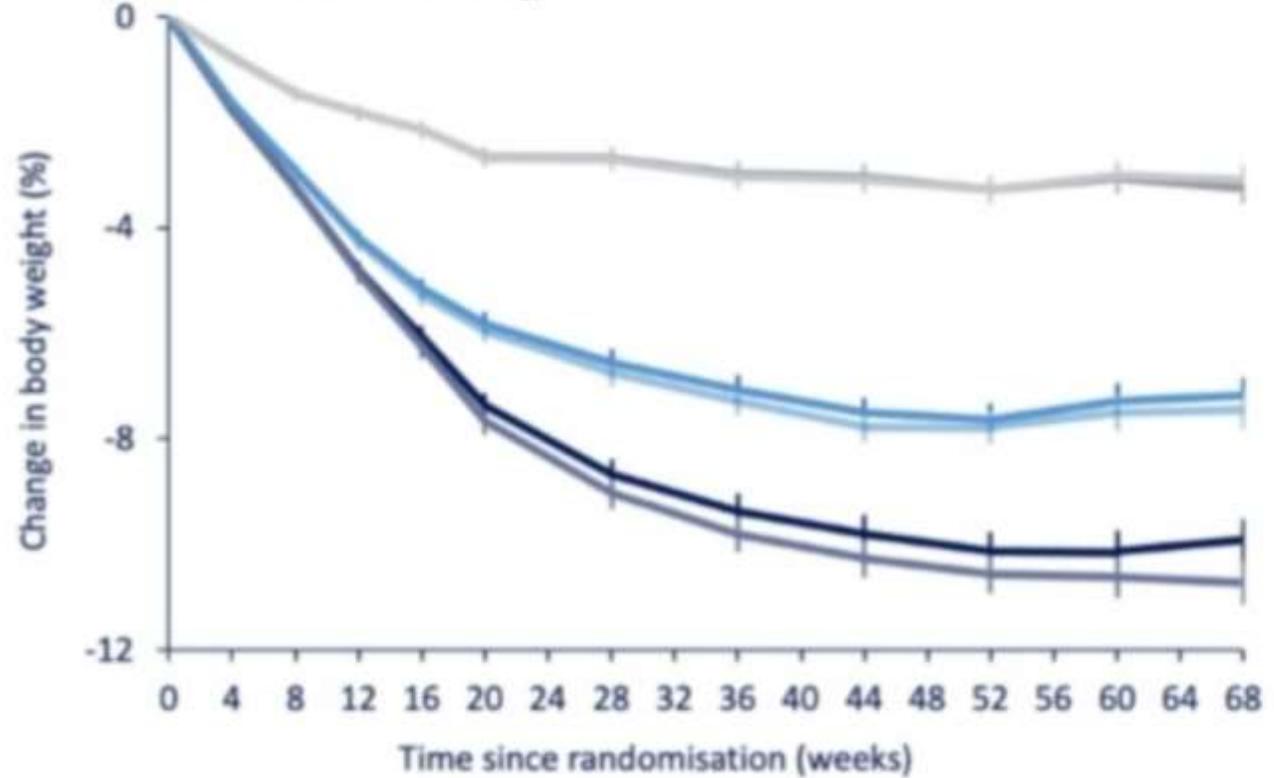
On-treatment: **—** **—**

STEP-2 com diabetes tipo 2



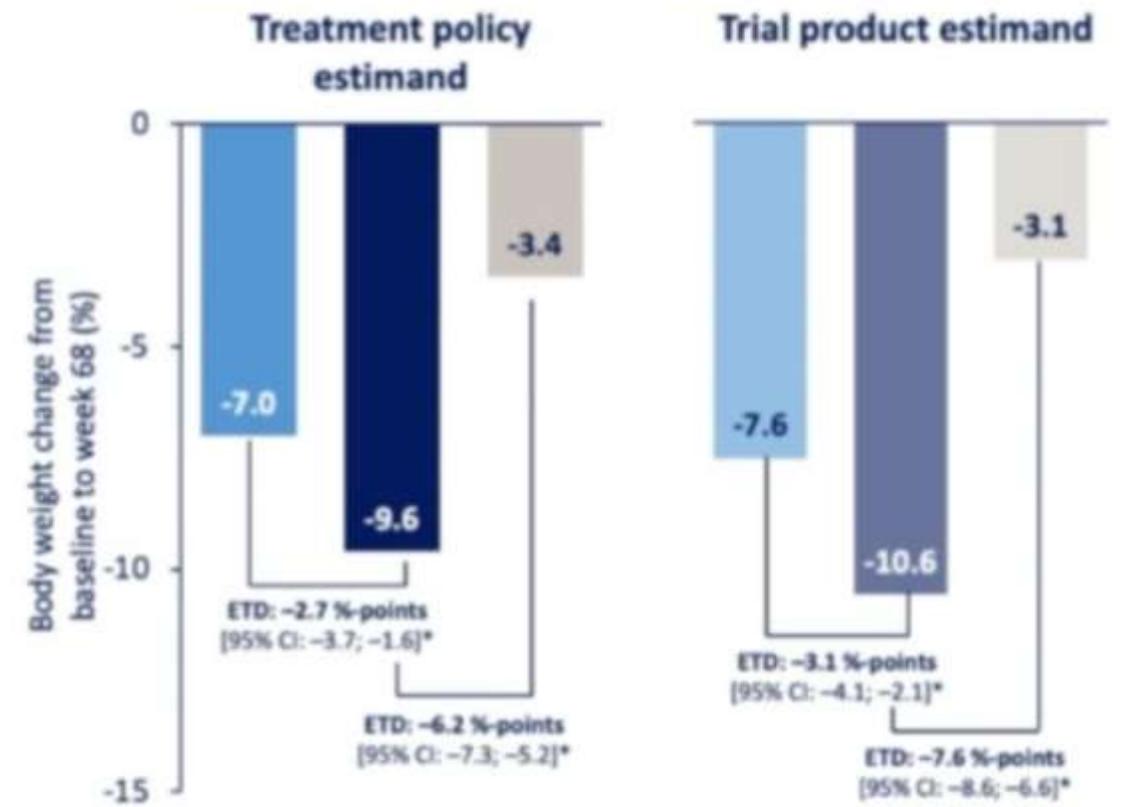
Observed body weight change over time

(Mean at baseline: 99.8 kg)



In-trial: Semaglutide 1.0 mg (light blue line), Semaglutide 2.4 mg (dark blue line), Placebo (grey line)
On-treatment: Semaglutide 1.0 mg (light blue line), Semaglutide 2.4 mg (dark blue line), Placebo (grey line)

Estimated change from baseline to week 68



Semaglutide 1.0 mg (light blue bar)
 Semaglutide 2.4 mg (dark blue bar)
 Placebo (grey bar)

ETD: -2.7 %-points
[95% CI: -3.7; -1.6]*

ETD: -6.2 %-points
[95% CI: -7.3; -5.2]*

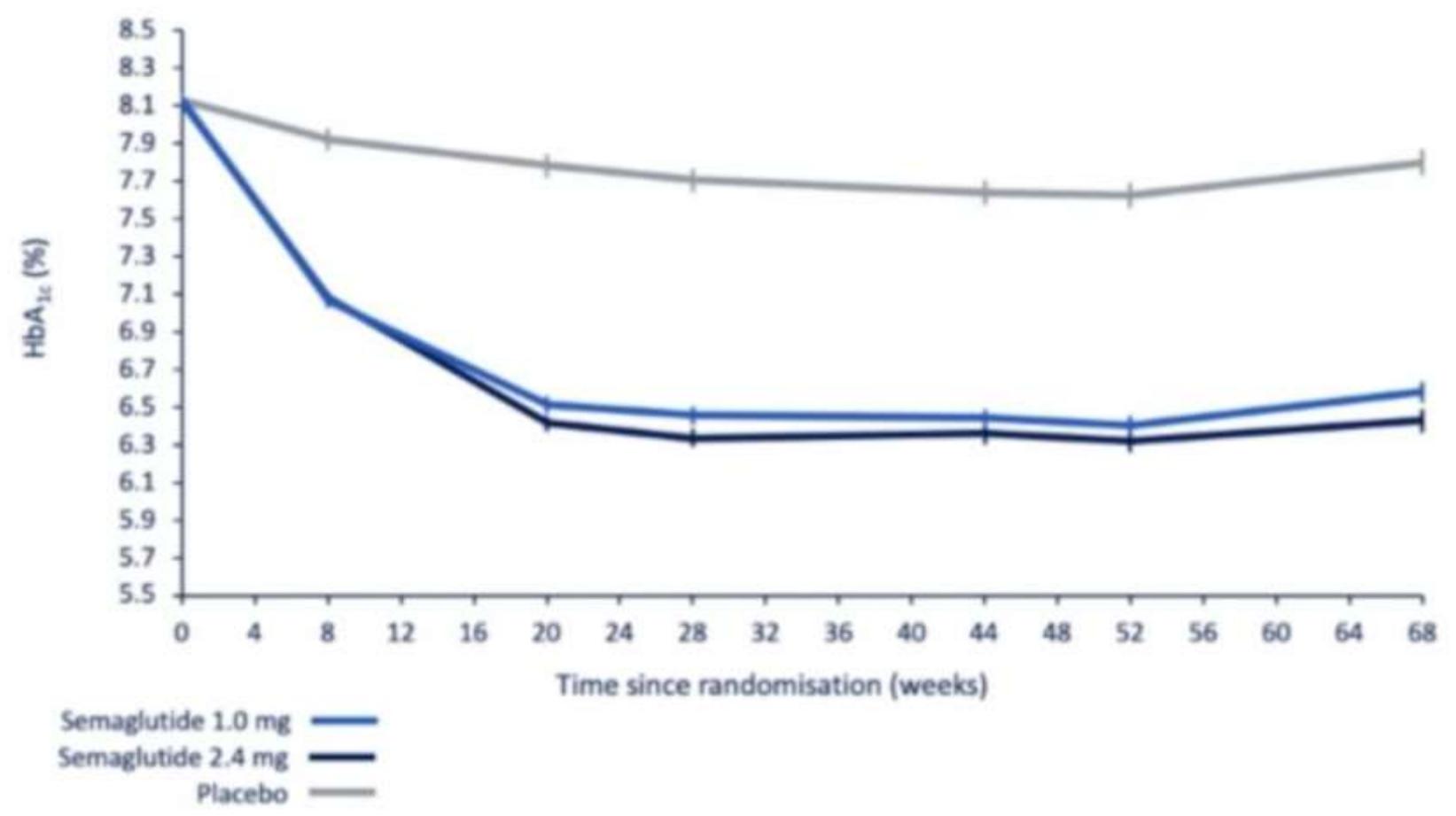
ETD: -3.1 %-points
[95% CI: -4.1; -2.1]*

ETD: -7.6 %-points
[95% CI: -8.6; -6.6]*

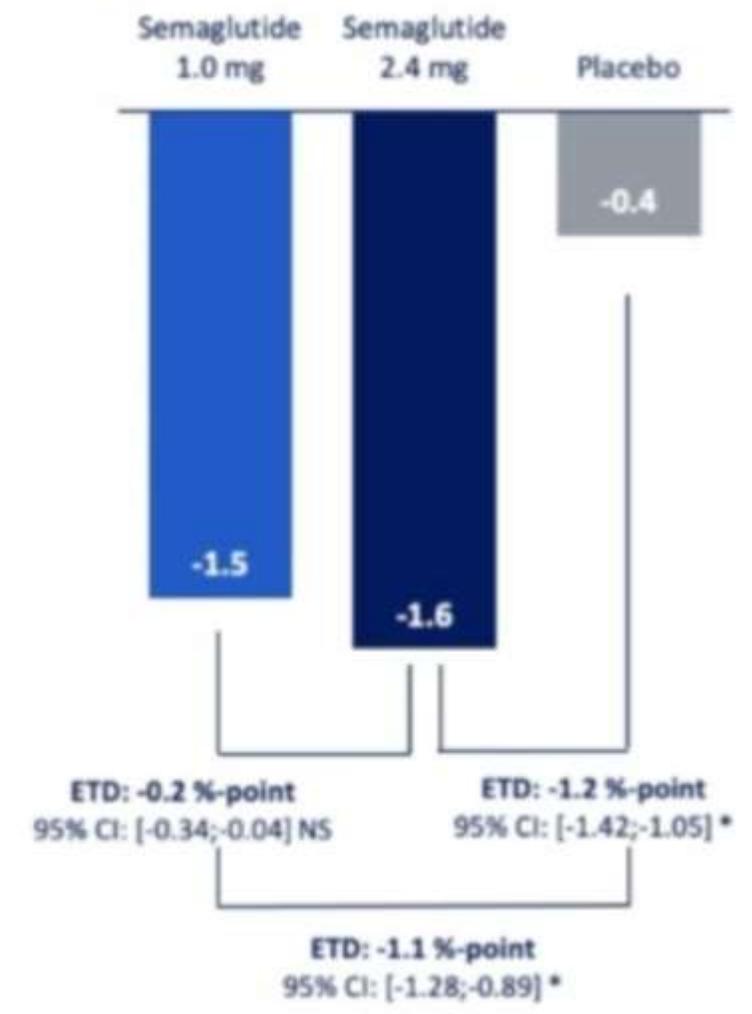
STEP-2 com diabetes tipo 2



Observed HbA_{1c} over time[§]
(Mean at baseline: 8.1%)



Estimated change from baseline to week 68[#]



STEP -1 (Sema x PBO)

Sem diabetes



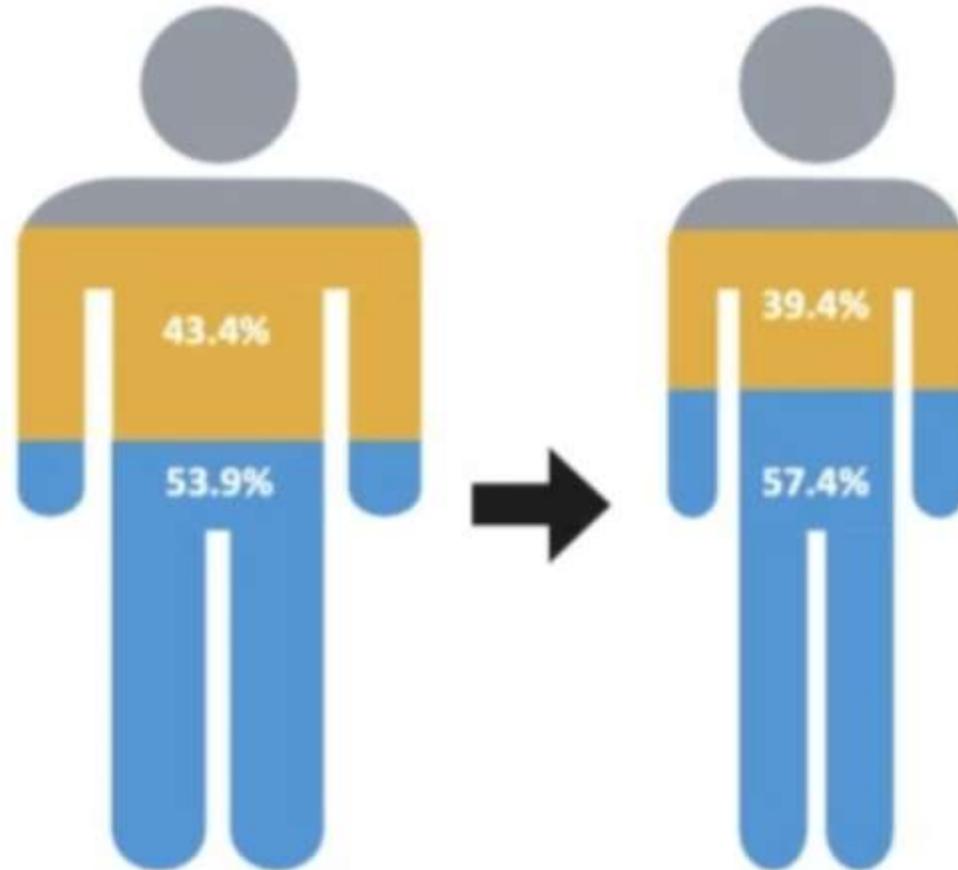
DEXA sub-study: N=140

Semaglutide 2.4 mg OW

Baseline

Week 68

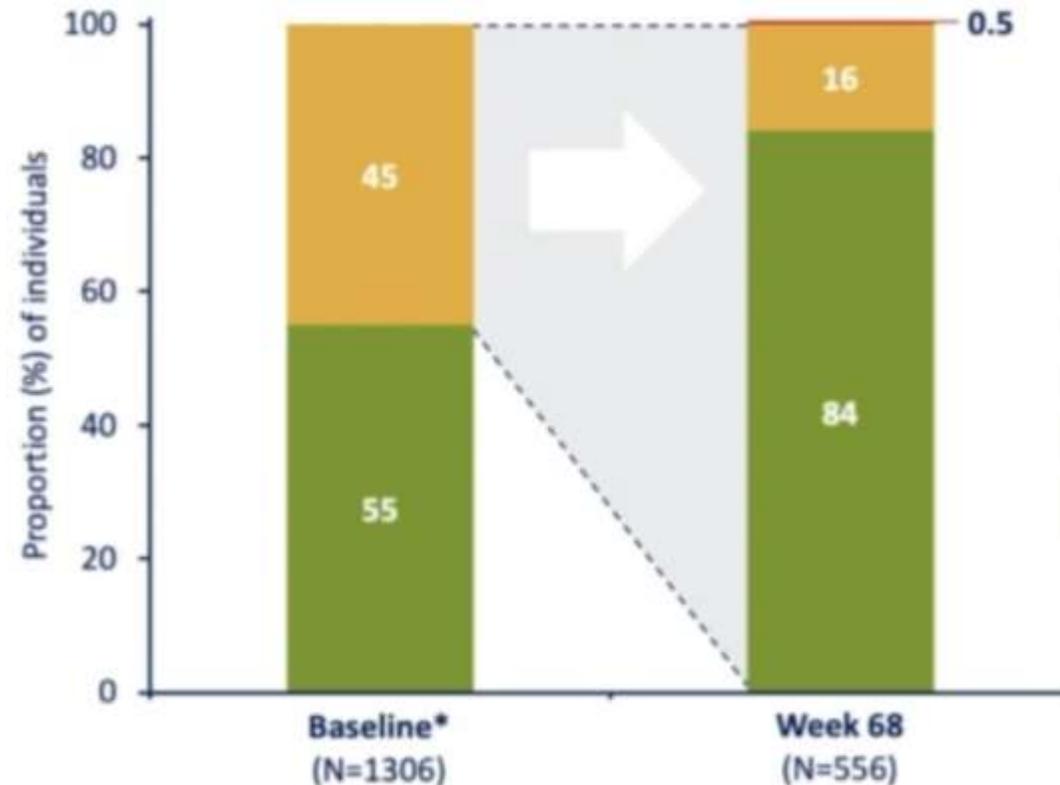
Other mass*
Total fat mass (%)
Total lean body mass (%)



STEP -1 (Sema x PBO)

Sem diabetes

Bom número Pacientes com pré-diabetes retomam normoglicemia

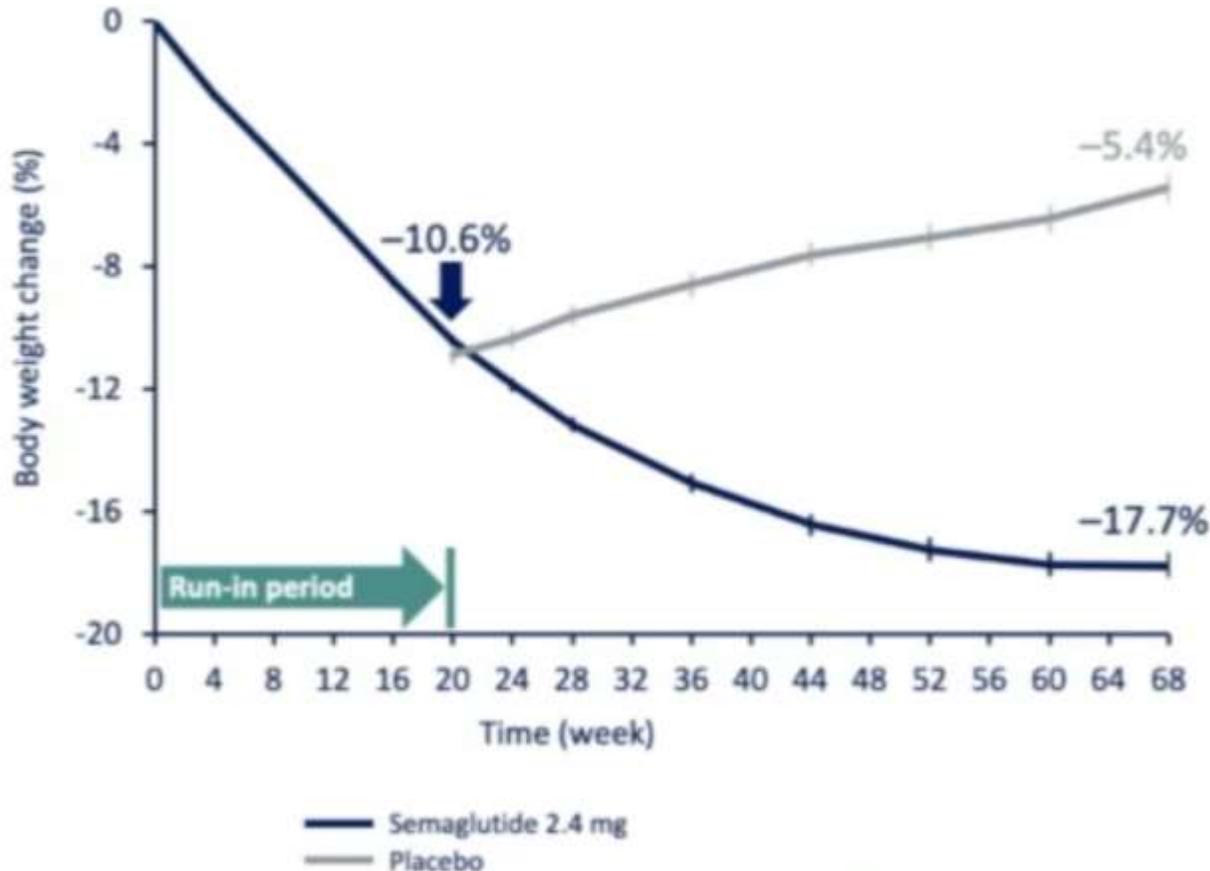


STEP -4 – por quanto tempo usar sema 2.4mg ?

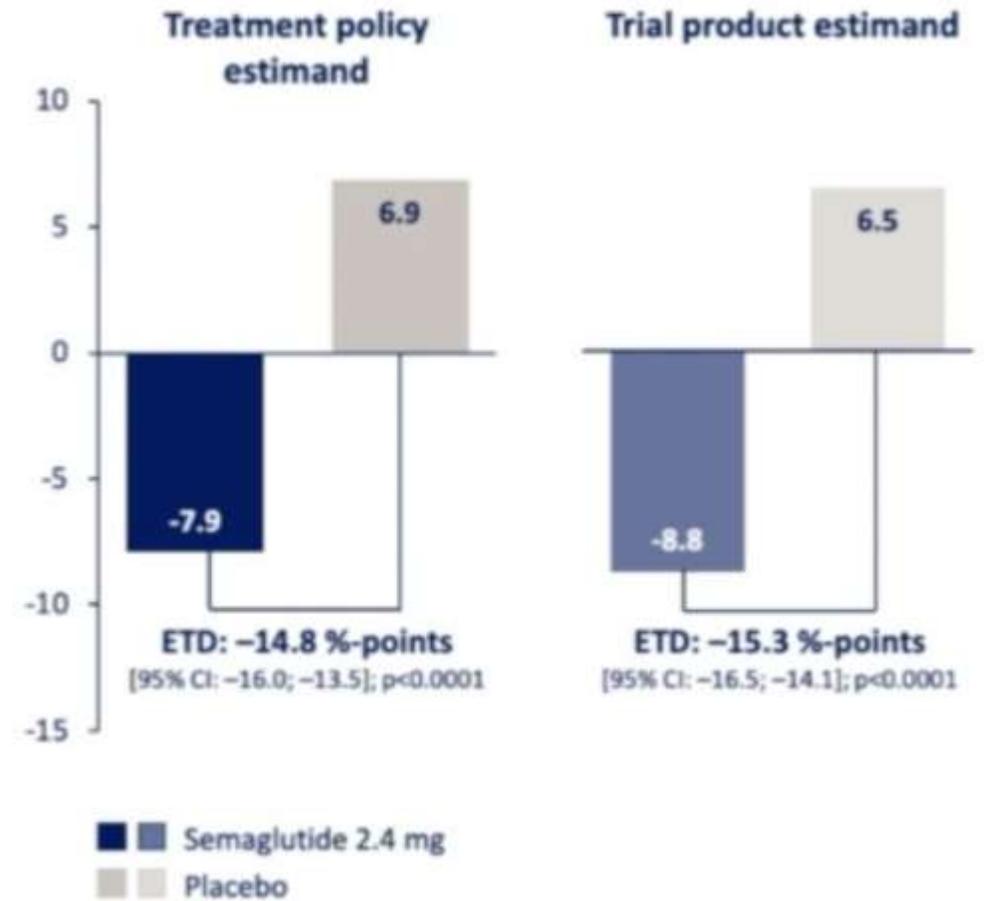
Sem diabetes

Observed body weight change over time

Mean at week 0: 107.2 kg

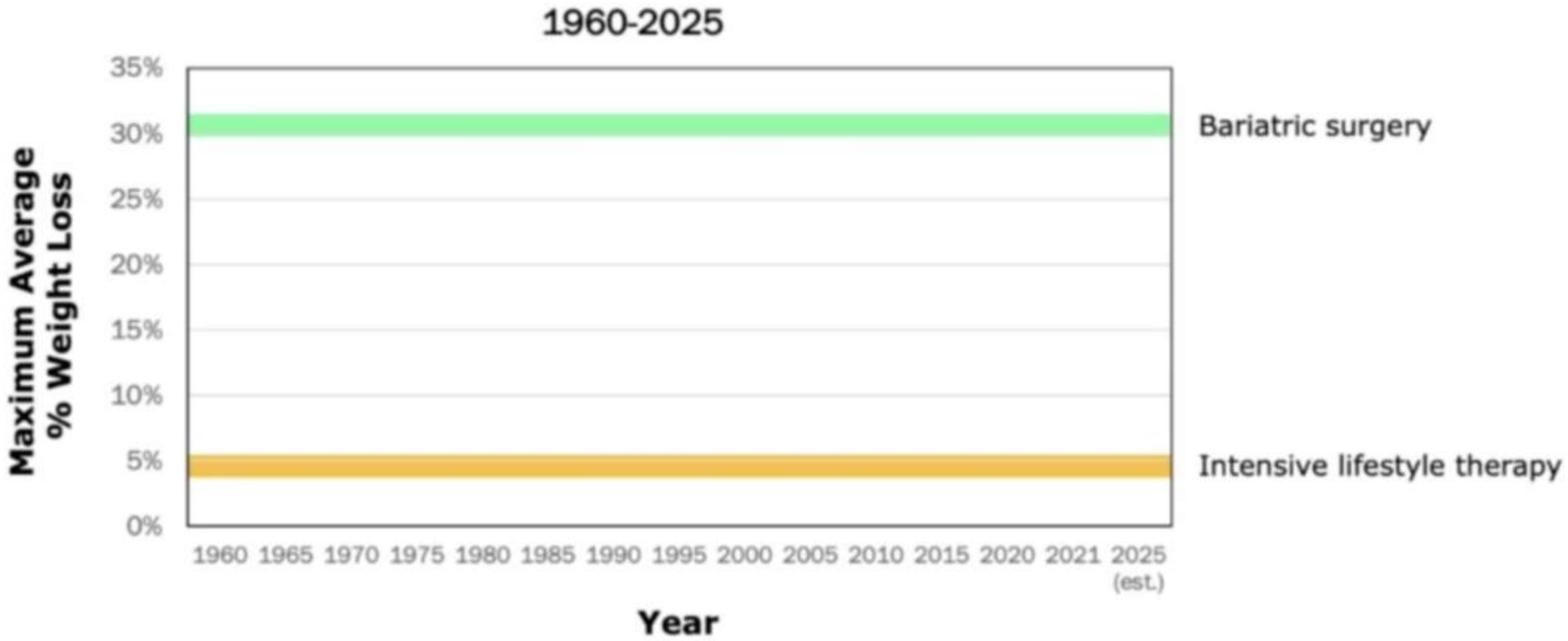


Estimated change from week 20 to week 68

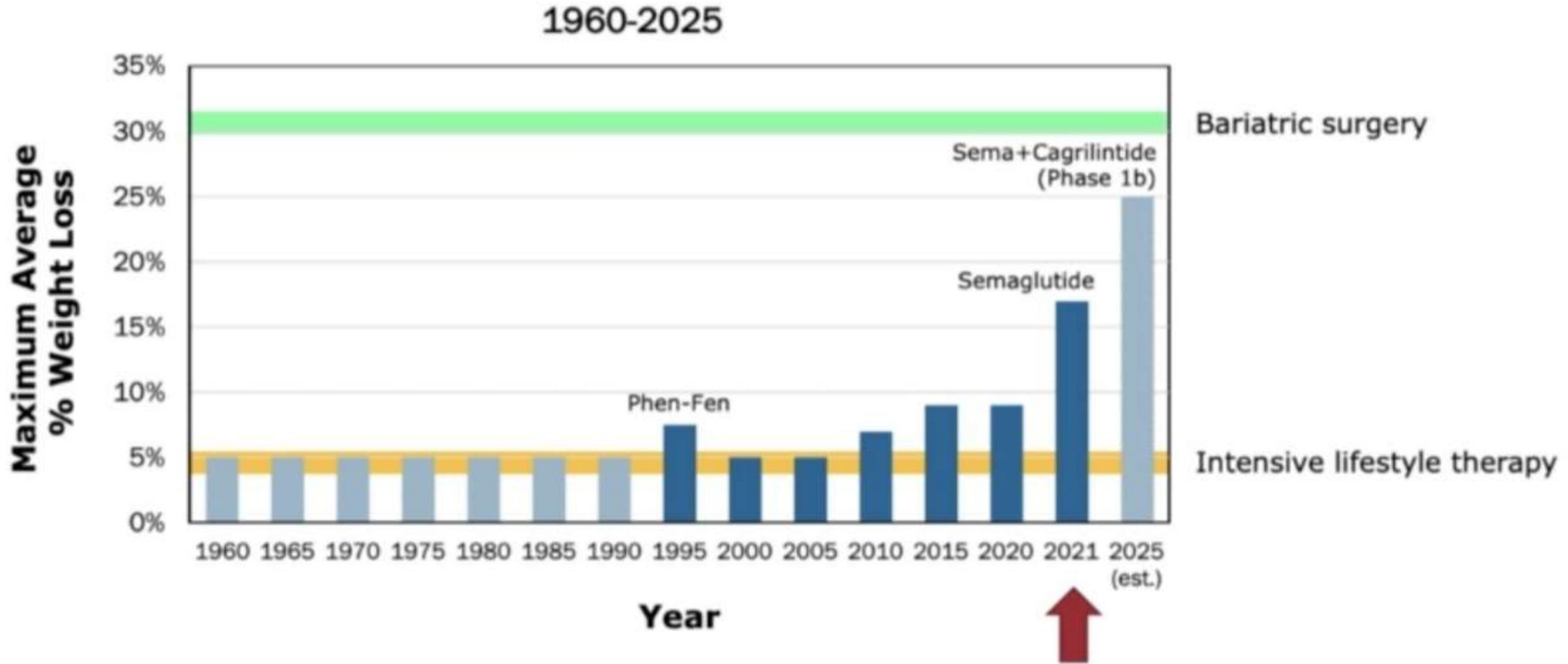




Semaglutida 2.4 + Cagrilintida



Semaglutida 2.4 + Cagrilintida



Semaglutida 2.4 mg/semana



- ✓ Platô de perda de peso aparentemente atingido após 60 semanas platô de perda de
- ✓ Potencial de perda de peso maior em não-diabéticos
- ✓ Vamos esperar falência terapêutica para iniciar este medicamento?
- ✓ Uso antes da metformina no DM2?

OBRIGADO !

Para acessar materiais complementares
ligados
a esta apresentação basta escanear

