

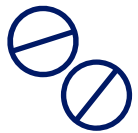
Synopsis of the original article
***Efficacy and safety of once-daily oral
semaglutide 25 mg and 50 mg compared
with 14 mg in adults with type 2 diabetes
(PIONEER PLUS): a multicentre,
randomised, phase 3b trial***

Aroda VR, et al. Lancet. 2023;

doi: 10.1016/S0140-6736(23)01127-3

Synopsis created and reviewed by Novo Nordisk

Background

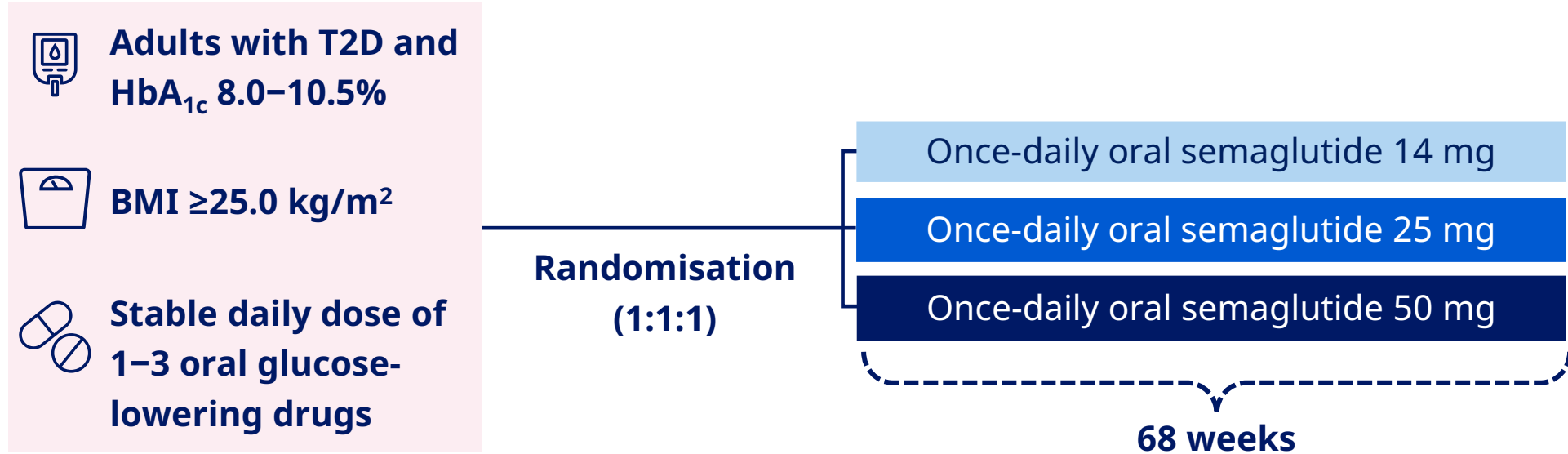


Once-daily oral semaglutide is an effective type 2 diabetes treatment



The PIONEER PLUS trial aimed to investigate a new formulation of oral semaglutide at investigational doses of 25 mg and 50 mg versus the approved 14 mg dose in adults with inadequately controlled type 2 diabetes

Methods



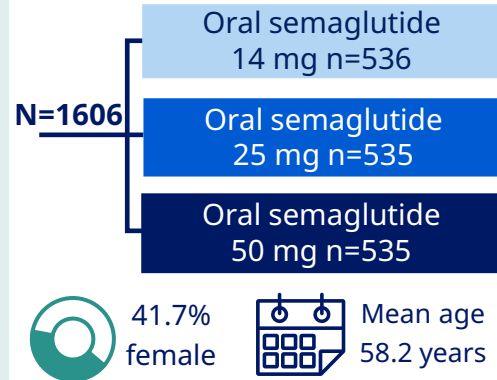
Primary endpoint: Change in HbA_{1c} from baseline to 52 weeks

Efficacy analyses: Evaluated with a treatment policy estimand

Safety analyses: In all randomised participants who received at least one dose

Results

Participants



Baseline characteristics

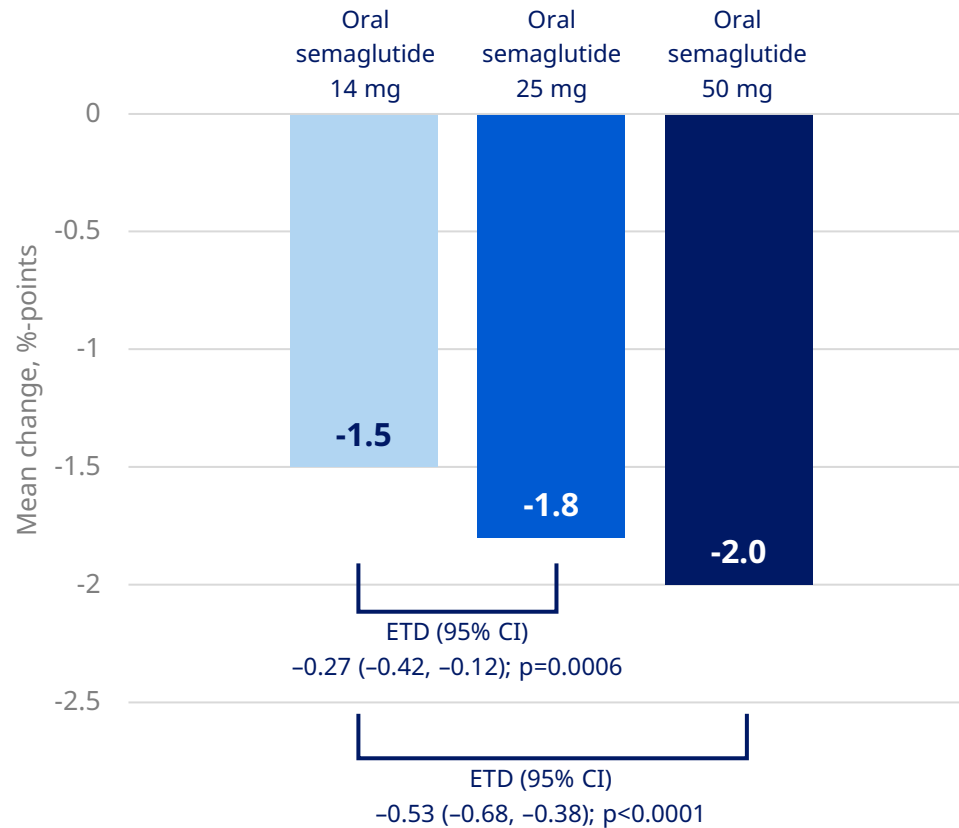


Baseline mean HbA_{1c} (SD) was 9.0% (0.8)



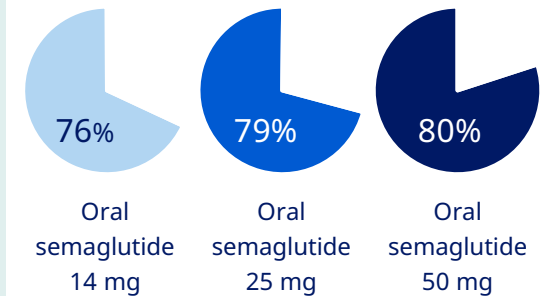
Baseline mean bodyweight (SD) was 96.4 kg (21.6)

Mean change in HbA_{1c} from baseline to week 52



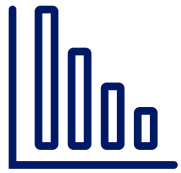
Adverse events

Participants reporting adverse events



Gastrointestinal adverse events were more frequent with oral semaglutide 25 mg and 50 mg versus 14 mg and were mostly mild or moderate in severity

Conclusions



Oral semaglutide 25 mg and 50 mg were superior to 14 mg in reducing HbA_{1c} and bodyweight in adults with inadequately controlled type 2 diabetes



No new safety concerns were identified