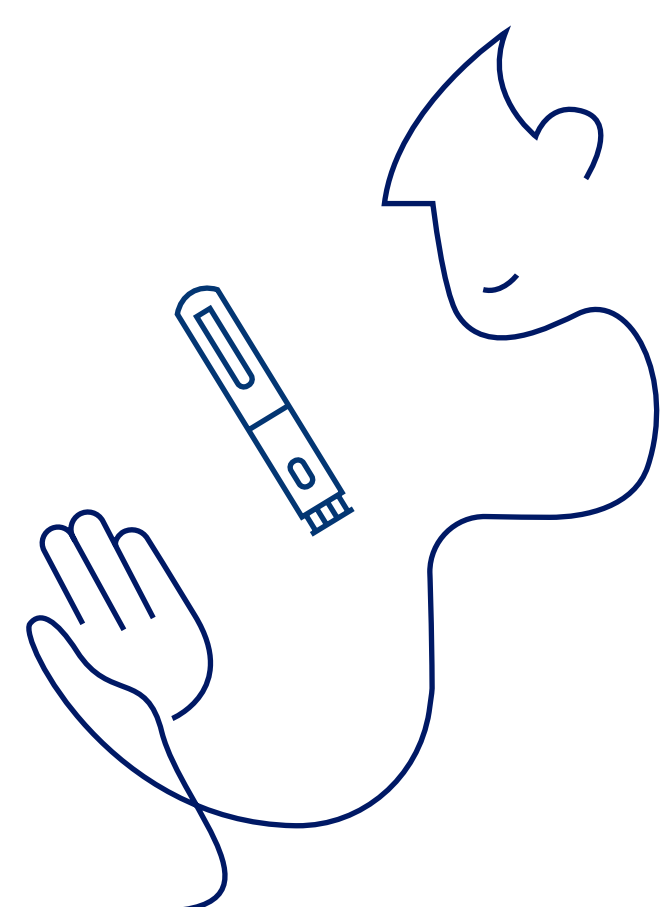


Overview of the ONWARDS phase 3 clinical development program for investigational once-weekly insulin icodec

The ONWARDS clinical development program comprises six phase 3a global clinical trials investigating once-weekly insulin icodec in more than 4,000 adults with type 1 or type 2 diabetes, including a trial with real-world elements¹.

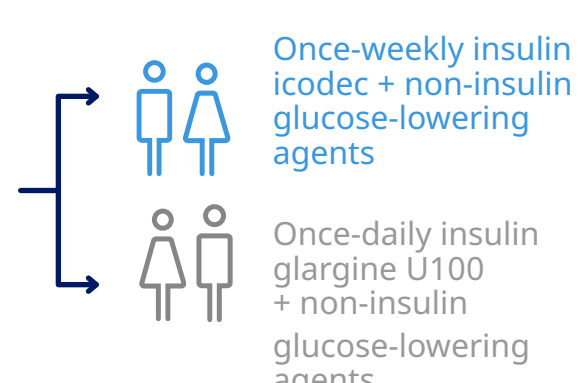


ONWARDS 1 Once-weekly insulin icodec vs once-daily insulin glargine U100 in people with type 2 diabetes who have not previously been treated with insulin

Trial design¹

984 patients²

- Insulin-naïve T2D* treated with OADs** ± GLP-1 RA s.c.
- Age ≥18 years
- HbA_{1c}: 7.0–11.0%

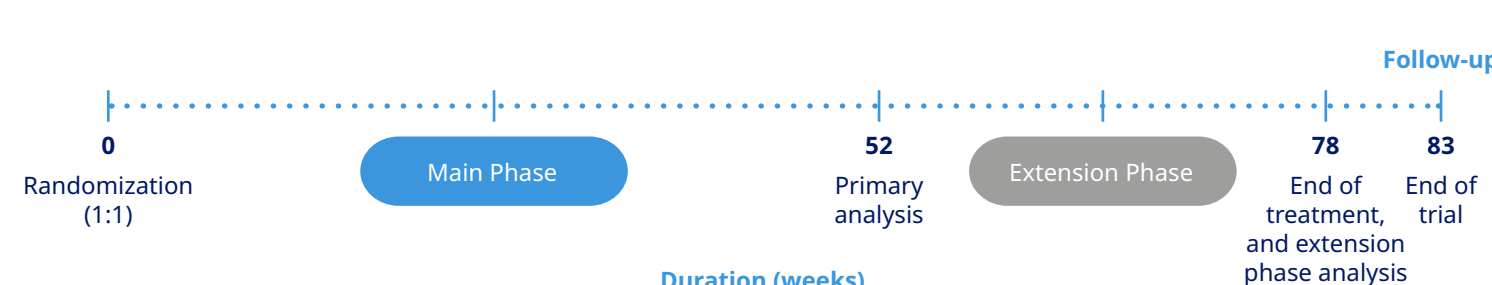


- Open-label, treat-to-target
- Double-blinded CGM

Endpoints²

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 52.

Secondary:
Secondary endpoints include time in target blood glucose range (70–180 mg/dL) from week 48–52, change in fasting plasma glucose (FPG) from baseline to week 52 and number of clinically significant (level 2) or severe (level 3) hypoglycemia episodes.



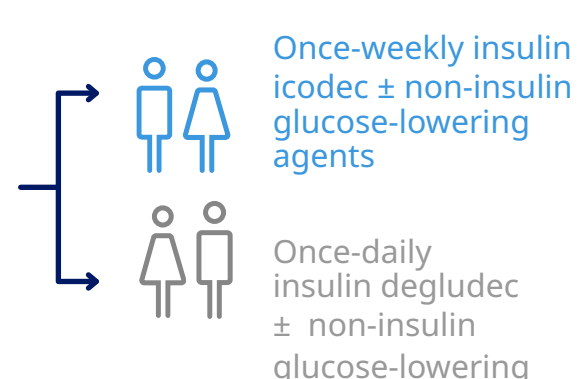
*Short term insulin treatment for a maximum of 14 days prior to the day of screening was allowed, as was prior insulin treatment for gestational diabetes.
**Sulfonylureas and glinides were discontinued at randomization.

ONWARDS 2 Once-weekly insulin icodec vs once-daily insulin degludec in people with type 2 diabetes who have previously been treated with basal insulin

Trial design¹

526 patients³

- T2D treated with OD/BID basal insulin ± OADs** ± GLP-1 RA s.c.
- Age ≥18 years
- HbA_{1c}: 7.0–10.0%



- Open-label, treat-to-target
- Double-blinded CGM

Endpoints³

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 26.

Secondary:
Secondary endpoints included change in fasting plasma glucose (FPG) from baseline to week 26, time in target blood glucose range (70–180 mg/dL) from week 22 to week 26.



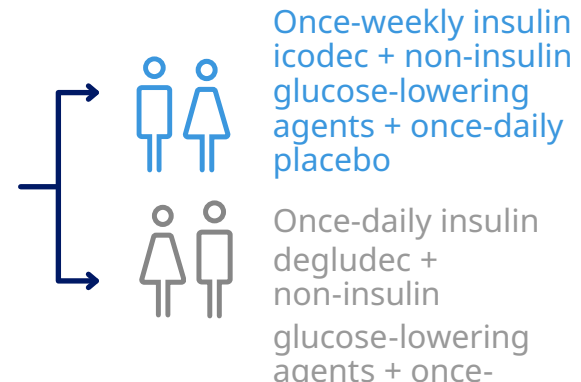
**Sulfonylureas and glinides were discontinued at randomization.

ONWARDS 3 Once-weekly insulin icodec vs once-daily insulin degludec in people with type 2 diabetes who have not previously been treated with insulin

Trial design¹

588 patients⁴

- Insulin-naïve T2D* treated with OADs*** ± GLP-1 RA s.c.
- Age ≥18 years
- HbA_{1c}: 7.0–11.0%

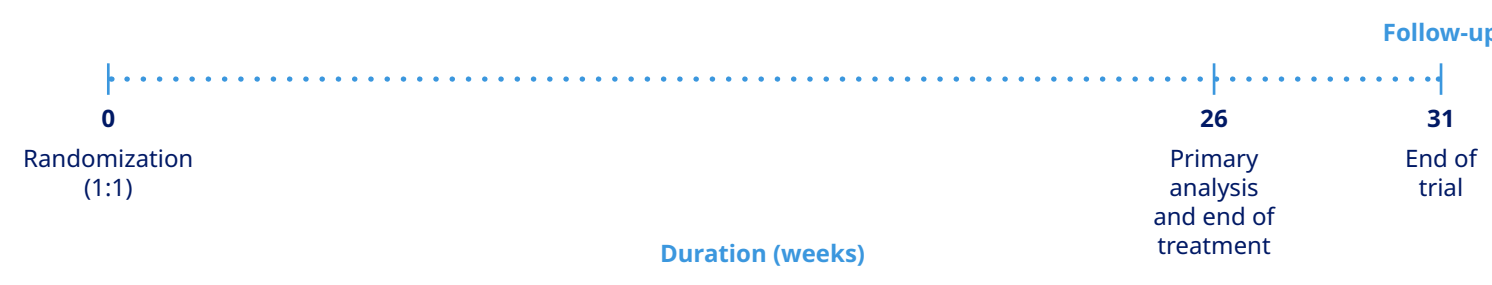


- Multinational (includes China)
- Double-blind, double-dummy, treat-to-target

Endpoints⁴

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 26.

Secondary:
Secondary endpoints included change in fasting plasma glucose (FPG) from baseline to week 26 and number of clinically significant (level 2) or severe (level 3) hypoglycemia episodes.



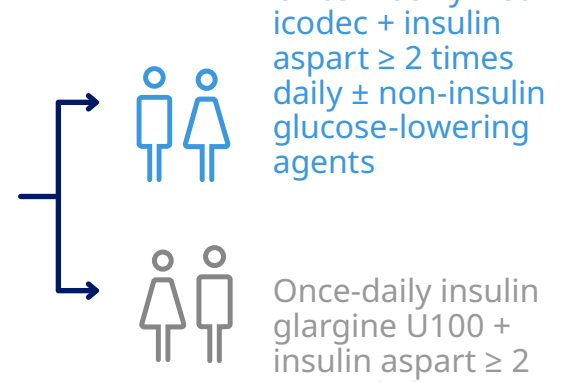
*Short term insulin treatment for a maximum of 14 days prior to the day of screening was allowed, as was prior insulin treatment for gestational diabetes.
***Sulfonylureas or glinides were administered at a reduced (50%) dose at the discretion of the investigator.

ONWARDS 4 Once-weekly insulin icodec vs once-daily insulin glargine U100 in people with type 2 diabetes who have previously been treated with basal/bolus insulin

Trial design¹

582 patients⁵

- T2D treated with basal-bolus insulin ± OADs** ± GLP-1 RA s.c.
- Age ≥18 years
- HbA_{1c}: 7.0–10.0%



- Open-label, treat-to-target
- Double-blinded CGM

Endpoints⁵

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 26.

Secondary:
Secondary endpoints included change in fasting plasma glucose (FPG) from baseline to week 26, time in target blood glucose range (70–180 mg/dL) from week 22 to week 26 and number of clinically significant (level 2) or severe (level 3) hypoglycemia episodes from baseline to week 31.



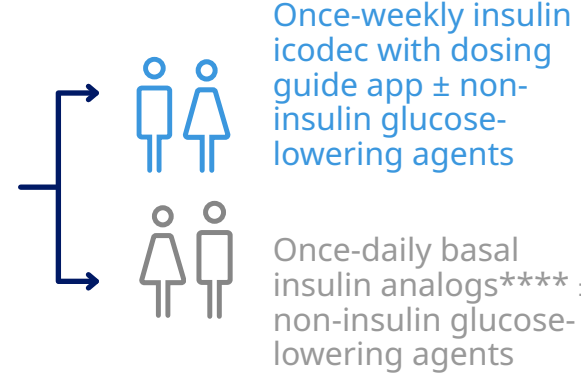
**Sulfonylureas and glinides were discontinued at randomization.

ONWARDS 5 Once-weekly insulin icodec with dosing guide app vs once-daily basal insulin analogs in people with type 2 diabetes who have not previously been treated with insulin

Trial design¹

1,085 patients⁶

- Insulin-naïve T2D* treated with OADs ± GLP-1 RA s.c.
- HbA_{1c} > 7.0%

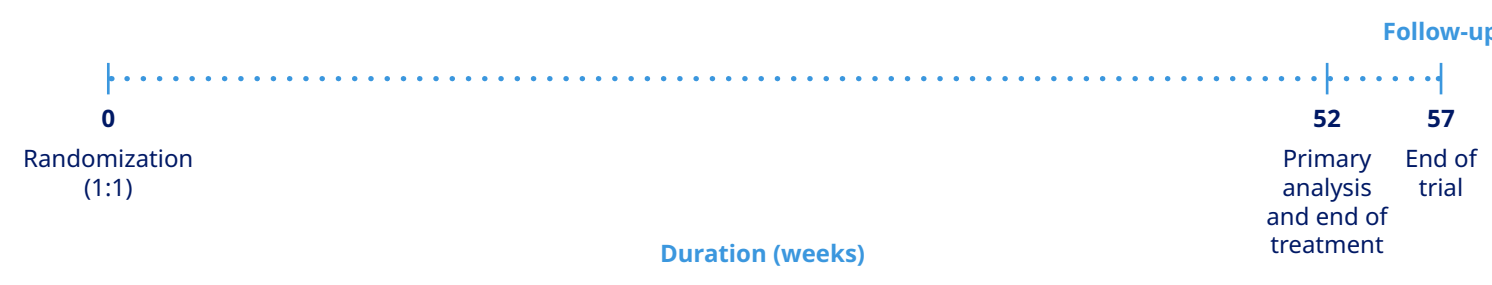


- Open-label trial with real-world elements
- Insulin icodec was supported by a digital app to guide titration

Endpoints⁶

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 52.

Secondary:
Secondary endpoints included time from baseline to treatment discontinuation or intensification and number of clinically significant (level 2) or severe (level 3) hypoglycemia episodes.



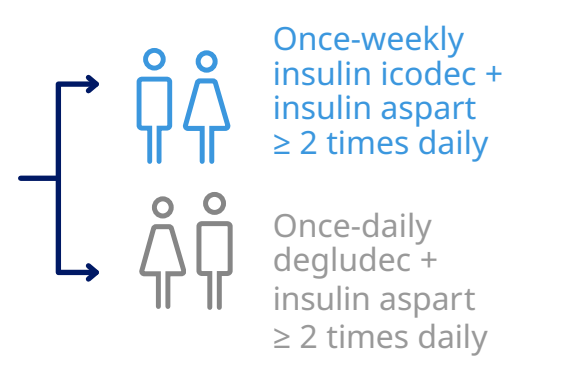
*Short term insulin treatment for a maximum of 14 days prior to the day of screening was allowed, as was prior insulin treatment for gestational diabetes.
***Insulin glargine U100; insulin degludec; insulin glargine U300.

ONWARDS 6 Once-weekly insulin icodec vs once-daily insulin degludec in combination with insulin aspart in people with type 1 diabetes

Trial design¹

582 patients⁷

- T1D treated with basal-bolus insulin
- MDI ≥ 1 year prior to screening
- Age ≥18 years
- HbA_{1c} < 10.0%

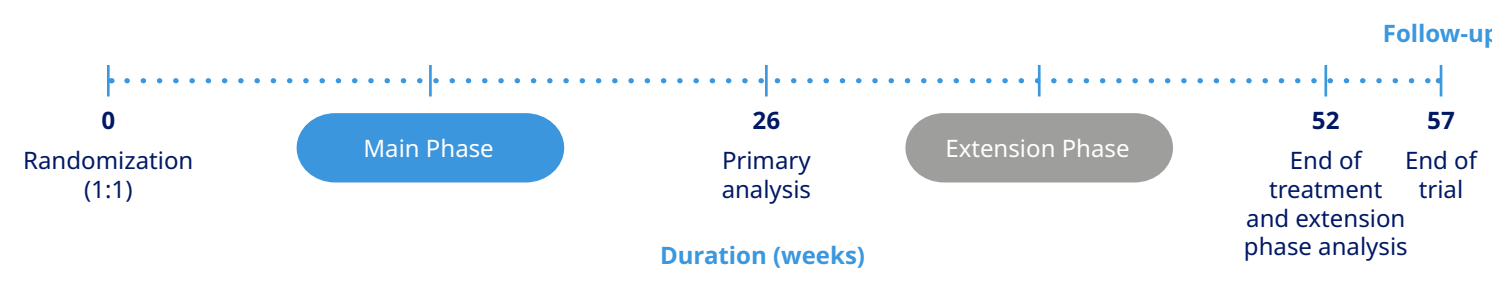


- Open-label, treat-to-target
- Unblinded CGM

Endpoints⁷

Primary:
The primary endpoint was change in HbA_{1c} from baseline to week 26.

Secondary:
Secondary endpoints included change in fasting plasma glucose (FPG) from baseline to week 26, time in range blood glucose 70–180 mg/dL from week 22 to week 26.



Abbreviations

BID, twice-a-day; CGM, continuous glucose monitoring; GLP-1 RA, glucagon-like peptide-1 receptor agonist; HbA_{1c}, glycated hemoglobin; OAD, oral antidiabetic medicine; OD, once daily; s.c., subcutaneous; T1D, type 1 diabetes; T2D, type 2 diabetes; U100, 100 units per milliliter; MDI, multiple daily injections.

Glossary

Clinically significant hypoglycemia: Defined as blood glucose measured at <54 mg/dL.

Severe hypoglycemia: No specific glucose threshold but defined when hypoglycemia is associated with severe cognitive impairment and requires external assistance in recovery.

Insulin-naïve: People with type 2 diabetes who have not previously been treated with insulin.

Real-world elements: Data or assessments that include what is happening in routine everyday clinical practice, outside of a clinical trial setting.

References

- Phillis-Tsimikas A, et al. *Diabetes Obes Metab.* 2022.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04460885> Last accessed: June 2023.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04770532> Last accessed: June 2023.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04795531> Last accessed: June 2023.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04880850> Last accessed: June 2023.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04760626> Last accessed: June 2023.
- ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT04848480> Last accessed: June 2023.