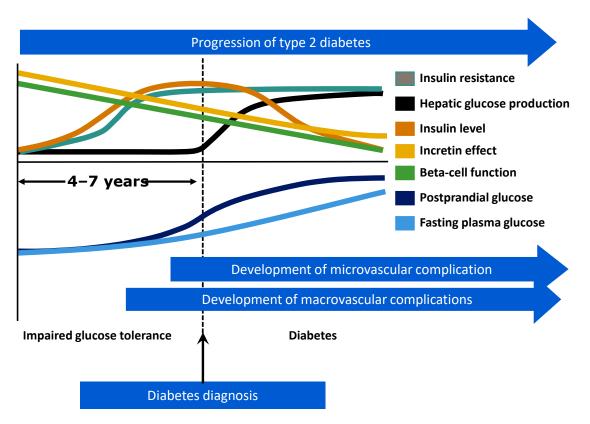
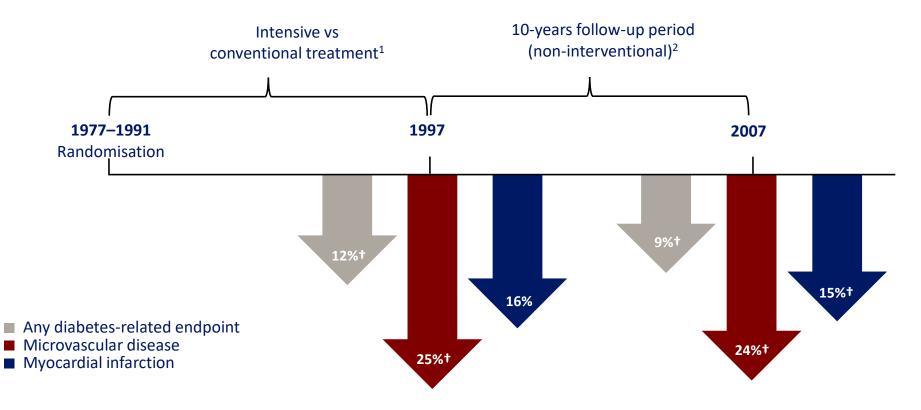


## Progression of type 2 diabetes



### The benefits of early tight control: UKPDS 10-year post-trial follow-up

Reduction in endpoints on intensive treatment versus conventional treatment\*

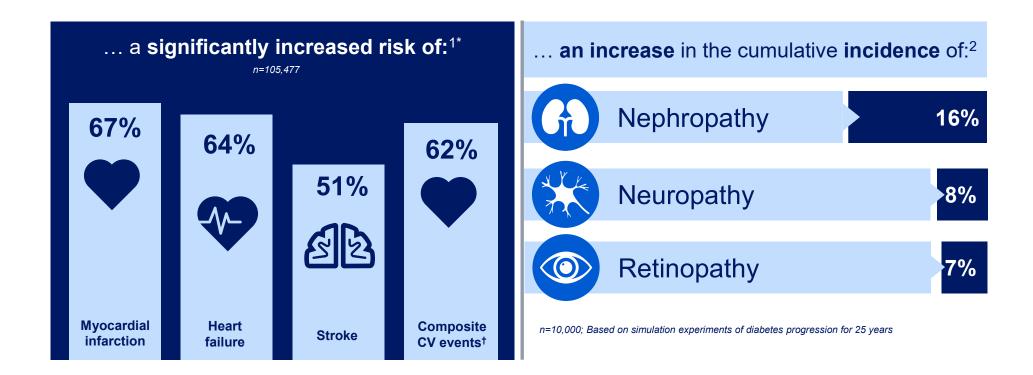


\*Data from the sulphonylurea-insulin group. †p<0.05; intensive vs conventional treatment.

UKPDS, United Kingdom Prospective Diabetes Study

UK Prospective Diabetes Study Group. Lancet 1998;352:837–53; Holman RR, et al. N Eng J Med 2008;359:1577–89

### One Year of poor glycaemic control in people with T2D can result in ...



<sup>\*</sup>Compared with patients with  $HbA_{1c}$  <7%;  $^{\dagger}$ The composite CV events was based on the occurrence of either MI, HF or stroke CV, cardiovascular;  $HbA_{1c}$ , glycated haemoglobin; HF, heart failure; MI, myocardial infarction; T2D, type 2 diabetes 1. Paul SK, et al. Cardiovasc Diabetol. 2015;14:100–10. 2. Correa MF, et al. J Gen Intern Med. 2019;34:372–78





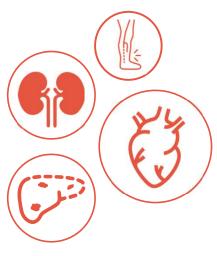
# Chronic CKM diseases are a consequence of complex and interlinked pathophysiological processes



Each condition can increase the risk of another<sup>2,3</sup>



These are all important risk factors for end-organ damage<sup>4-7</sup>



Weight gain, adiposity and inflammation are conditions that can initiate a decline in metabolic health<sup>1,2</sup>

Adiposity and insulin resistance can promote hypertension, and are associated with dyslipidaemia and T2D as well as inflammation<sup>4-7</sup>

The association of T2D and obesity with CKM diseases such as CKD, CVD, PAD and MASH has been well-documented<sup>1,8</sup>



# Chronic cardiometabolic diseases rarely occur in isolation These risk factors can increase multimorbidit

Chronic cardiometabolic diseases **share underlying risk factors** 

Hypertension<sup>1</sup>



Hyperglycaemia<sup>1</sup>



Pro-inflammatory state<sup>1,2</sup>



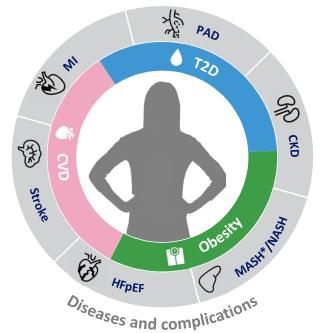
Dyslipidaemia<sup>1,3</sup>



Abdominal adiposity<sup>1</sup>

These risk factors can **increase multimorbidity** over time, leading

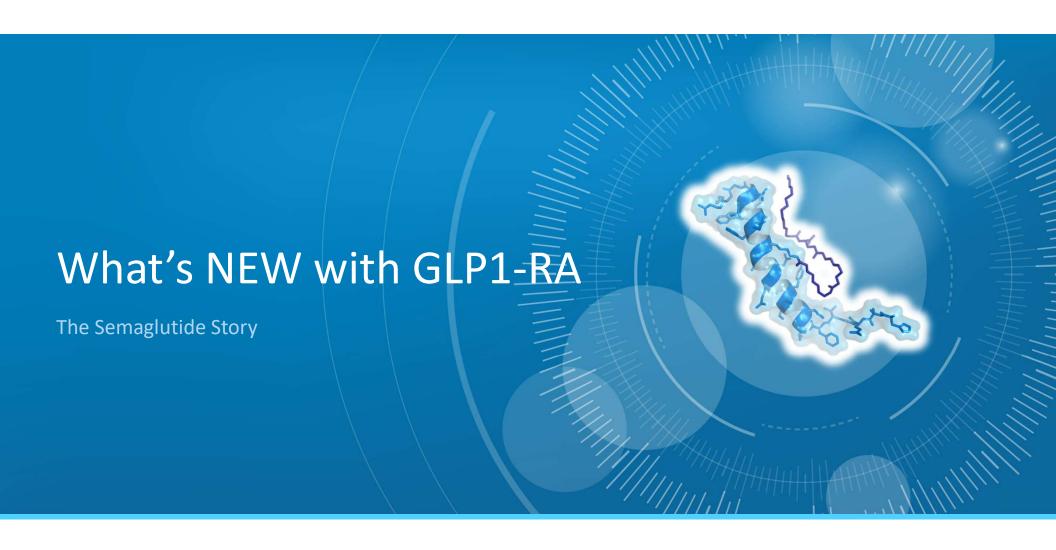
to severe outcomes<sup>4–6</sup>



Management of people with cardiometabolic diseases requires a holistic, multifactorial, person-centric approach<sup>7</sup>

<sup>\*</sup>MASH formerly known as NASH. CKD, chronic kidney disease; CVD, cardiovascular disease; HFpEF, heart failure with preserved ejection fraction; MASH, metabolic dysfunction-associated steatohepatitis; MI, myocardial infarction; NASH, non-alcoholic steatohepatitis; PAD, peripheral artery disease.

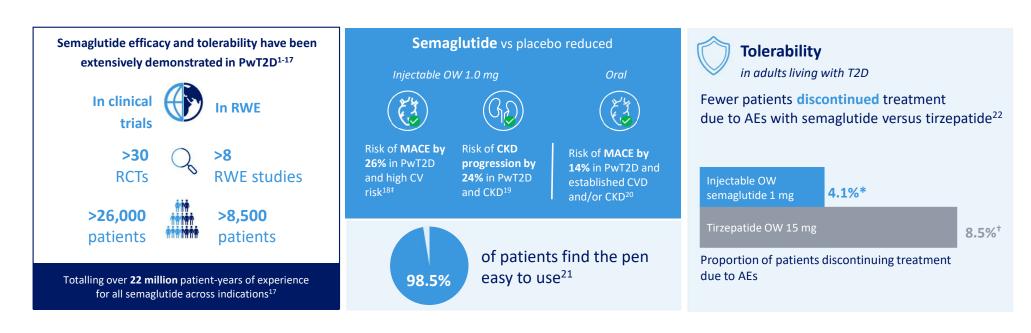
<sup>1.</sup> Mendrick DL et al. Toxicol Sci 2018;162:36–42; 2. Musunuru K. Lipids 2010;45:907–14; 3. Schönknecht YB et al. Eur J Nutr 2022;61:3077–83; 4. Kadowaki T et al. Diabetes Obes Metab 2022;24:2283–96; 5. Targher G et al. Lancet Gastroenterol Hepatol 2021;6:578–88; 6. Lingvay I et al. Lancet 2022;399:394–405; 7. Davies MJ et al. Diabetes Care 2022;45:2753–86.







# Semaglutide is a simple-to-use treatment option with a well-established efficacy and tolerability profile, with proven CV and kidney benefits



\*n=469; †n=470; ‡HR: 0.74; 95% CI, 0.58-0.95.

AE, adverse event; CKD, chronic kidney disease; CV, cardiovascular; MACE, major adverse cardiovascular event; OW, once-weekly; PWT2D, people with type 2 diabetes; RCT, randomised controlled trial; RWE, real-world evidence; T2D, type 2 diabetes.

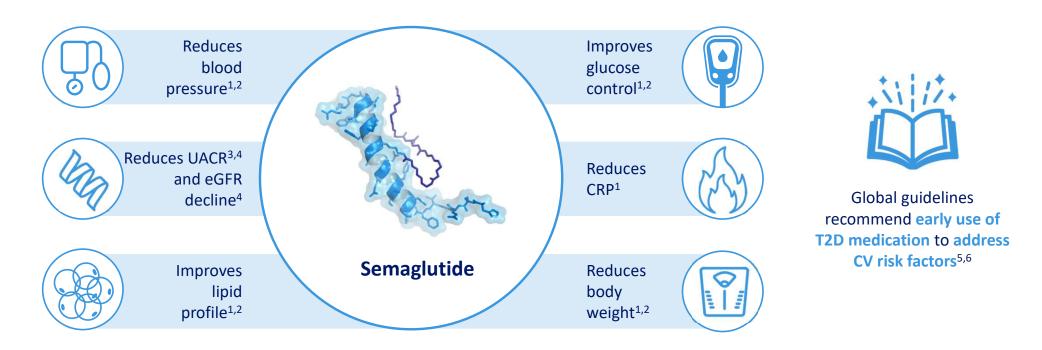
<sup>1.</sup> Yale JF, et al. Diabetes Obes Metab. 2021;23(10):2269-78. 2. Rajamand Ekberg N, et al. Prim Care Diabetes. 2021;51751-9918(21)00112-1. 3. Rudofsky G, et al. Diabetes Res Clin Pract. 2021;178:108931.

<sup>4.</sup> Holmes P, et al. Diabetes Ther. 2021;12:2891-905. 5. Jain AB, et al. Diabetes Ther. 2021;12:527-36. 6. Wolffenbuttel BHR, et al. Adv Ther. 2022;21:1-14. 7. Menzen M, et al. Exp Clin Endocrinol Diabetes. 2023. doi: 10.1055/a-2007-2061. 8. Bellido V, et al. J Clin Med. 2022;11:4938. 9. Crabtree TSJ, et al. Diabetes Ther. 2021;12:527-36. 6. Wolffenbuttel BHR, et al. Adv Ther. 2022;24:1398-401. 10. Catrina, SB. et al. PIONEER REAL Sweden. Diabetes Ther. 50, 2079-2095 (2024); 11. Jain AB et al. PIONEER REAL Switzerland Multicentre, Prospective, Observational Study. Diabetes Ther. 2024 Mar;15(3):623-637; 14. Yabe D et al. PIONEER REAL Japan. J Diabetes Ther. 2024 Mar;15(3):623-637; 14. Yabe D et al. PIONEER REAL Japan. J Diabetes Ther. 2024 Mar;15(3):623-637; 14. Yabe D et al. PIONEER REAL Japan. J Diabetes Ther. 2013;30(6):607-22. 2. Z. Frias, et al. N Engl J Med. 2014; 2014; 10. Solut Company announcement. 21. Philis-Tsimikas A, et al. Adv Ther. 2013;30(6):607-22. 2. Z. Frias, et al. N Engl J Med. 2021; 2014; 20





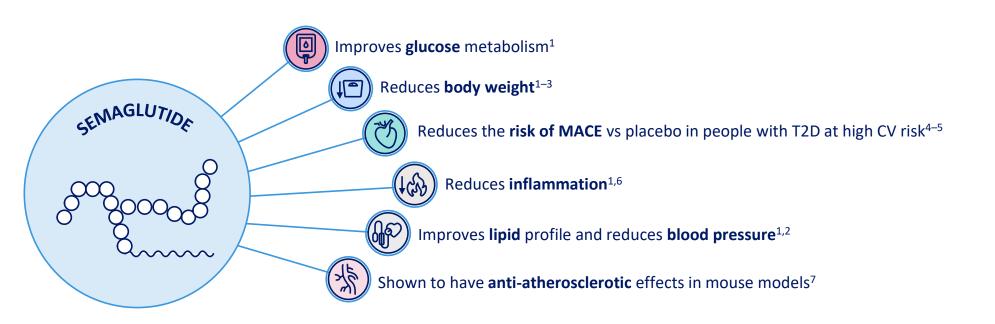
# Semaglutide may help prevent CVD through early management of modifiable CV risk factors



CRP. C-reactive protein; CV, cardiovascular; CVD, cardiovascular disease; eGFR, estimated glomerular filtration rate; T2D, type 2 diabetes; UACR, urine albumin-creatinine ratio
1. Wilding JPH, et al. N Engl J Med. 2021;384:989-1002. 2. Yanai H, et al. Cardiol Res. 2022;13:304-8. 3. Mann JFE, et al. Lancet Diabetes Endocrinol. 2020;8880-93. 4. Novo Nordisk. Company Announcement: Semaglutide 1.0 mg demonstrates 24% reduction in the risk of kidney disease-related events in people with type 2 diabetes and chronic kidney disease in the FLOW trial. OS March 2024. Available at: https://www.novonordisk.com/news-and-media/news-and-media/news-and-in-materials/news-details.htm?//d=167028 S. Cosentino F, et al. Eur Heart J. 2020;41::255-323. 6. Das SR, et al. J Am Coll Cardiol. 2020;76(9):1117-1145.



# Semaglutide has a beneficial effect on CV risk factors



CV, cardiovascular; MACE, major adverse cardiovascular events.

<sup>1.</sup> Wilding JPH et al. N Engl J Med 2021;384:989-1002; 2. Aroda VR et al. Diabetes Metab 2019;45:409-18; 3. Marso SP et al. N Engl J Med 2016;375:1834-44; 4. Husain M et al. N Engl J Med 2019;381:841-51;

<sup>5.</sup> Husain M et al. Diabetes Obes Metab 2020;22:442-51; 6. Knudsen LB, Lau J. Front Endocrinol (Lausanne) 2019;10:155; 7. Rakipovski G et al. JACC Basic Transl Sci 2018;3:844-57.





# Semaglutide is a recommended first-line GLP-1 RA with proven CVD benefits in PwT2D at high risk of ASCVD<sup>3</sup>

Semaglutide reduces the risk of MACE in PwT2D at high CV risk<sup>1,2</sup>

Injectable semaglutide 1.0 mg significantly reduced the risk of MACE\* by 26% in PwT2D+ versus placebo1



Oral semaglutide significantly reduced the risk of

MACE\* by 14% in PwT2D+

versus placebo on top of standard of care (incl. up to 49% receiving a SGLT2i

at some point during the trial)<sup>2</sup>





The on-going ASCEND PLUS trial will further investigate CV outcomes with oral semaglutide in PwT2D with no previous MI/stroke<sup>5</sup>

<sup>\*</sup> Time from randomisation to first occurence of CV death;, non-fatal myocardial infarction or non-fatal stroke. +The SUSTAIN 6 trial (injectable semaglutide) included patients with established CVD (Previous MI, stroke, PAD or HF) and/or established CVD or high risk of CV. The SOUL trial (oral semaglutide) included patients with established CVD (previous MI, stroke or PAD). ¿Change in maximum walking distance on a constant load treadmill test (at constant speed and incline (3.2 km/h, 12%) at week 52.

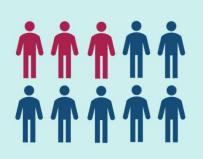
ASCVD, atherosclerotic cardiovascular disease; CI, confidence interval; CKD, chronic kidney disease; CV, cardiovascular disease; CVOT, cardiovascular objects of the second disease; CVOT, cardiovascular disease; CVOT, cardiovascular objects of the second disease; CVOT, confidence interval; CKD, chronic kidney disease; CVOT, cardiovascular objects of the second disease; CVOT, cardiovascular disease; CVOT, cardiovascular objects of the second dise

<sup>1.</sup> Marso S, et al. N Engl J Med. 2016;375:1834-44. 2. SOUL company announcement 3. Davies M, et al. Diabetes Care. 2022;45:2753-86. 4. Novo Nordisk, data on file. 5. Study Details | A Study of Cardiovascular Events in Diabetes Plus | ClinicalTrials.gov



# The prevalence of PAD is higher in people with T2D than in those without

The prevalence of concomitant PAD in people with T2D are **13-29%**, and people with diabetes are **twice as likely to develop PAD** compared to those without diabetes<sup>1-2</sup>



Glucose intolerance is associated with a >20% prevalence of an abnormal ankle brachial index\* relative to 7% in those with normal glucose tolerance<sup>2</sup>



Approximately 50–70% of people with chronic limb-threatening ischaemia have diabetes<sup>3</sup>

50-70%

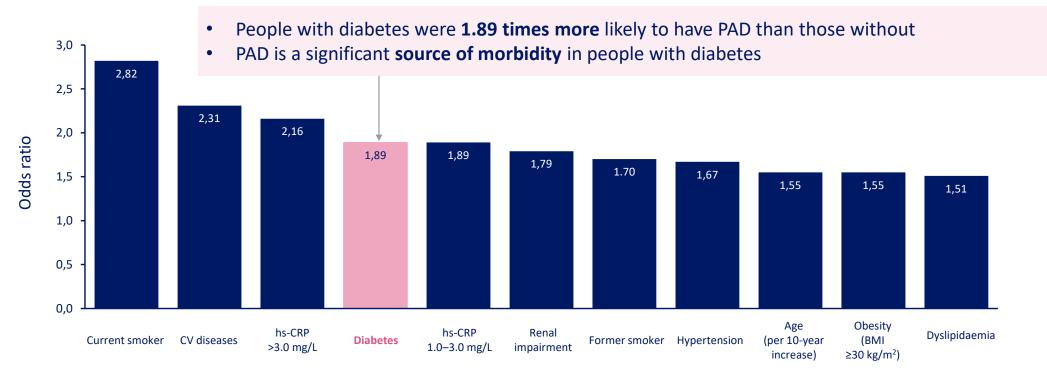
<sup>\*</sup>Ankle brachial index is a diagnostic tool for PAD where a lower value indicates a more severe disease state. CV, cardiovascular; PAD, peripheral arterial disease.

<sup>1.</sup> Verma S et al. Diabetes therapy 2024; 15: 1893-1961; 2. Hirsch AT et al. JAMA. 2001;286:1317-1324; 3. Marx N et al. Eur Heart J 2023;44:4043-140.



### Diabetes is one of the main risk factors of PAD

Worldwide estimates from a meta-analysis of 118 studies from low- and high-income countries



BMI, body mass index; CV, cardiovascular; hs-CRP, high-sensitivity C-reactive protein; PAD, peripheral arterial disease. Song P et al. Lancet Glob Health 2019;7:e1020–30.



### People with diabetes at high risk of PAD should be screened using **ABI**

Recommendations from the ADA 2025 Standards of Care



Screening for PAD is recommended in asymptomatic people with diabetes



Screening for PAD should be considered in people with:

























Diabetes duration ≥10 years



High cardiovascular risk

diabetes

5 weeks



### STRIDE: trial design

### Functional outcomes in people with PAD and T2D

#### 792 people with T2D

- Age ≥18 years
- T2D diagnosis ≥180 days prior to screening
- HbA<sub>1c</sub> ≤10%
- PAD with intermittent claudication (Fontaine stage IIa) ≥3 months and:
  - Pain-free walking distance >200 m on a flat treadmill test
  - Maximum walking distance ≤600 m on a constant load treadmill test
  - ABI ≤0.90 or TBI ≤0.70

# OW s.c. semaglutide 1.0 mg\* + SoC Placebo + SoC Dose escalation Treatment maintenance Follow-up

44 weeks

Treatment duration 52 weeks

#### **Trial information**

• **Trial objective:** to compare the effect of OW s.c. semaglutide on functional capacity in terms of maximum walking distance in people with PAD and T2D, vs placebo

8 weeks\*

• Randomised, phase 3b, double-blind, parallel-group trial

### **Primary endpoint**

Change from baseline in maximum walking distance on a constant load treadmill test<sup>†</sup> at week 52

\*OW s.c. semaglutide dose escalation from starting dose of 0.25 mg; doubled every 4 weeks until trial maintenance dose achieved. †Treadmill at constant speed and incline (3.2 km/h, 12%).

ABI, ankle brachial index; OW, once-weekly; PAD, peripheral arterial disease; s.c., subcutaneous; SoC, standard of care; TBI, toe brachial index; VascuQol-6, Vascular Quality of Life Questionnaire-6.

https://clinicaltrials.gov/ct2/show/NCT04560998. Bonaca MP et al, Eur Heart J - Cardiovascular Pharmacotherapy, 2024; pyae071, https://doi.org/10.1093/ehicvp/pyae071

Randomisation (1:1)



### STRIDE: study endpoints

### **PRIMARY ENDPOINT**



Change in **maximum walking distance** on a constant load treadmill from baseline to week 52

### **SECONDARY CONFIRMATORY ENDPOINTS**



Change in **maximum walking distance** on a constant load treadmill from baseline to **week 57** 



Change in Vascular QoL
Questionnaire-6
from baseline to week 52



Change in **pain-free walking distance** on constant load treadmill from baseline to week 52

### **SUPPORTIVE SECONDARY ENDPOINTS**

Change from baseline to end of follow-up (week 57):



Pain-free walking distance on a constant load treadmill test

Change from baseline to week 52 in:

Body weight



 $\mathsf{HbA}_{\mathsf{1c}}$ 



SBP



Blood lipids\*

Change from screening (week –2) to week 52 in:



**ABI** and TBI

Change from baseline to week 52 in:



WIQ global score and SF-36 physical functioning domain

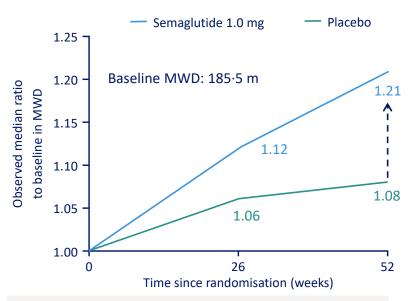
<sup>\*</sup>Total cholesterol, low-density lipoprotein-cholesterol; high-density lipoprotein-cholesterol and triglycerides.

ABI, ankle brachial index; QoL, quality of life; SBP, systolic blood pressure; SF-36, Short Form 36; TBI, toe brachial index; WIQ, Walking Impairment Questionnaire.

https://clinicaltrials.gov/ct2/show/NCT04560998. Bonaca MP et al, Eur Heart J - Cardiovascular Pharmacotherapy, 2024; pvae071, https://doi.org/10.1093/ehicvp/pvae071



### Maximum walking distance: ratio to baseline at week 52



#### Baseline median (IQR) MWD — metres

- Semaglutide 1.0 mg (N=395): 184.5 (126.5–274.0147.5)
- Placebo (N=396): 185.8 (133.8–262.0128.3)



**OW Semaglutide** demonstrated a **13% MWD improvement** compared with placebo on top of SoC [ETR **1.13** (95% CI, 1.06–1.21; p<0.001)]

Median improvement\* **26.4 m (HL)** (95% CI, 11.8–40.9)

Mean improvement\* **39.9 m (ETD)** (95% CI, 13.9–66.0)

The number of participants included in this analysis was 338 in the semaglutide group and 345 in the placebo group

Classificate interval, TTP, estimated treatment difference TTP, estimated treatment stip. III. Under a laboratory of the semaglutide group and 345 in the placebo group.

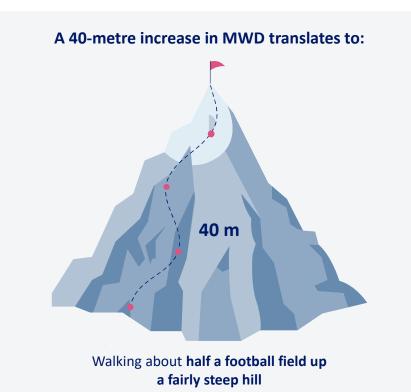
CI, confidence interval; ETD, estimated treatment difference; ETR, estimated treatment ratio; HL, Hodges-Lehmann estimate for location shift; IQR, interquartile range; MWD, maximum walking distance; SoC, standard of care Bonaca MP et. al. Lancet 2025: https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(25)00509-4/fulltext.

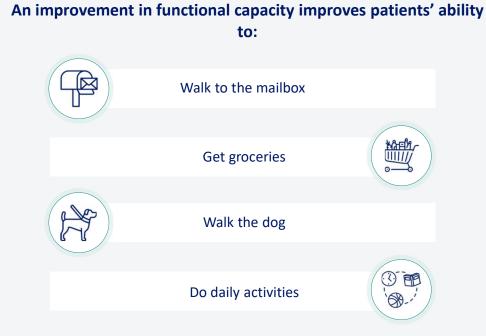
<sup>\*</sup>Represents an exploratory analysis based on patients who adhered to treatment

The number of participants included in this analysis was 228 in the compolitified around the composition of the composition



### What are the clinical implications of the STRIDE results?





With fewer pauses due to pain or discomfort







# Semaglutide is the only GLP-1 RA with proven kidney benefits in people with T2D and CKD, confirmed in a dedicated kidney outcomes trial

Semaglutide is the only GLP-1 RA with proven kidney benefits in people with T2D and CKD, confirmed in the FLOW trial<sup>1</sup>

Semaglutide lowered the risk of kidney disease progression



risk reduction in **people with T2D and CKD** with OW

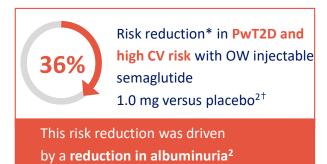
injectable semaglutide 1.0 mg

versus placebo in addition to

SoC¹

### Semaglutide lowered the

risk of kidney outcomes





Risk reduction<sup>‡</sup> in **PwO with established CVD** with OW
semaglutide 2.4 mg versus
placebo <sup>3§</sup>

Post hoc analysis suggests semaglutide (oral or injectable) slowed the rate
of eGFR decline in PwT2D<sup>4</sup>

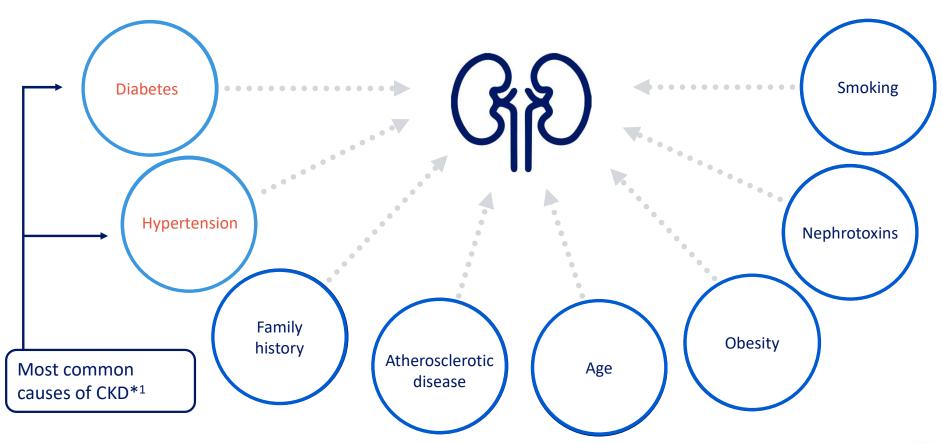
This reduction in eGFR decline was regardless of baseline eGFR,
HbA<sub>1c</sub> or blood
pressure<sup>4,5</sup>



\*New or worsening nephropathy including persistent macroalbuminuria, persistent doubling of the serum creatinine level and a creatinine,



### CKD risk factors and causes



CKD, chronic kidney disease; \*~38% of adults with diabetes and ~ 26% with hypertension are diagnosed with CKD. 1. NIDDK. Available from: Causes of Chronic Kidney Disease | NIDDK (nih.qov) accessed May 2021; 2. Kazancioğlu R. Kidney Int Suppl (2011) 2013; 3(4):368–371; 3. Woolfson R. Postgrad Med J 2001; 77(904):68–74; 4. Hall ME et al. Int J Nephrol Renovasc Dis 2014; 7:75–88; 5. Orr SE et al. Int J Mol Sci 2017; 18:pii: E1039



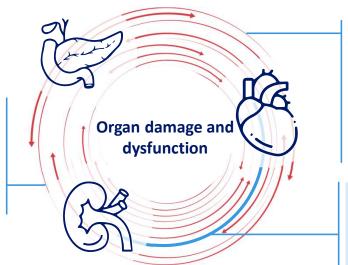


# Cardiovascular, kidney and metabolic conditions are intimately interconnected

Conditions of the cardio-kidney-metabolic systems affect more than 1 billion people worldwide<sup>3,4</sup>

~37% of adults with diabetes have been diagnosed with CKD\*1

Diabetes and/or hypertension is the primary cause of ~75% of ESKD prevalent cases in the US<sup>2</sup>



**\*\*One-third of patients** with T2D have CV disease<sup>3,4</sup>

CV disease is the **leading cause of mortality** in patients with  $T2D^{5,6}$ 

CV mortality accounts for **40-50% of deaths in** patients with advanced CKD or ESKD (compared to 26% in controls with normal kidney function)<sup>7</sup>



<sup>\*</sup>As per NHANES 2011-2012 data.

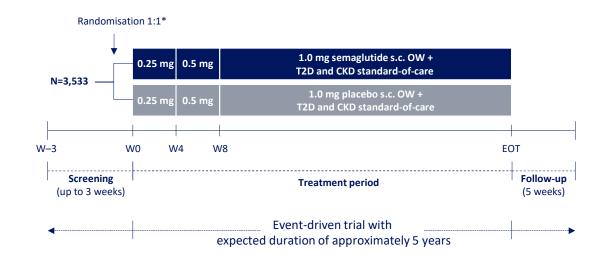
### FLOW trial design

#### Adults with CKD and T2D

- Age ≥18 years<sup>†</sup>
- HbA<sub>1c</sub> ≤10% (≤86 mmol/mol)
- eGFR ≥50 to ≤75 mL/min/1.73 m<sup>2</sup> and UACR
   >300 to <5,000 mg/g</li>

#### OR

- eGFR ≥25 to <50 mL/min/1.73 m<sup>2</sup> and UACR >100 to <5,000 mg/g</li>
- On background RAAS blockade



#### **Trial information**

- · Randomised, double-blind, parallel-group, multinational phase 3b trial
- Eligibility criteria designed to select broad population with CKD and T2D and at risk for progression of CKD
- Number of participants with eGFR ≥60 mL/min/1.73 m<sup>2</sup> at randomisation was capped at 20% to ensure predominance of participants with moderate-to-severe CKD





### Primary and secondary end points

#### **Primary composite endpoint**

Time to first occurrence of composite endpoint consisting of:

Onset of persistent ≥50% reduction in eGFR (CKD-EPI)

Persistent\* eGFR <15 mL/min/1.73 m<sup>2</sup>

Initiation of chronic kidney replacement therapy (dialysis or kidney transplantation)

Death from kidney failure

CV death

#### **Confirmatory secondary endpoints**

- Annual rate of change in eGFR (CKD-EPI)
- Time to first occurrence of composite CV MACE (Non-fatal MI, non-fatal stroke, CV death)
- Time to occurrence of all-cause death

#### Supportive secondary endpoints#:

- Time to occurrence of each individual components of primary and secondary composite endpoints
- Time to first occurrence of MALE (acute or chronic limb ischaemia hospitalisation)
- Annual rate of change in eGFR (CKD-EPI) (chronic eGFR slope)
- Change in eGFR (CKD-EPI and cystatin C CKD-EPI)

#### Supportive secondary endpoints (continued):

- Relative change in UACR
- Change in body weight, HbA<sub>1c</sub>, SBP, DBP
- Number of severe hypoglycaemic episodes

#### **Exploratory endpoints:**

- Change in EQ-5D-5L index score
- Change in EQ-5D-5L visual analogue scale score

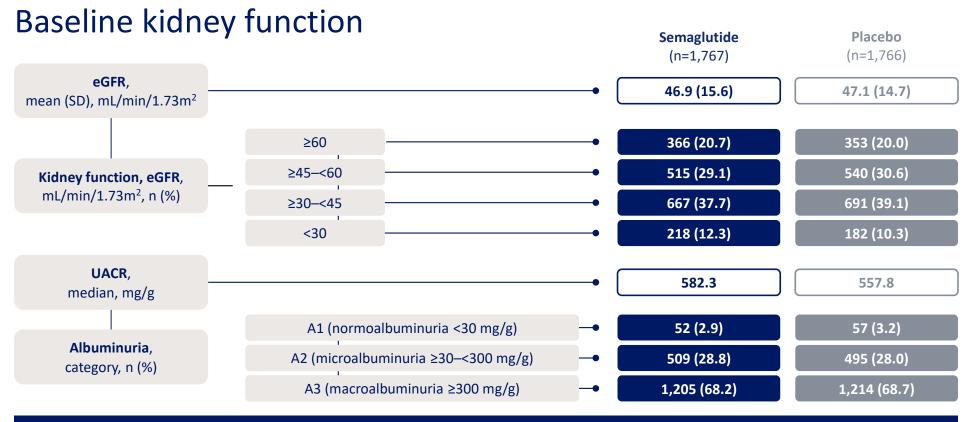
#### Adapted from Table 2.

Randomisation = week 0; End-of-trial = a period expected to be 61 months or more for the individual participant; \*Persistent = two consecutive central laboratory assessments that meet criteria, at least 4 weeks apart. #The supportive secondary endpoint change in eGFR /CKD EPI is observed from randomization to week 11. All other changes are from randomization to week 156/week104 incl change in cystatin C (CKD EPI). Events including deaths, those leading to kidney replacement therapy, acute coronary syndrome, stroke or transient ischaemic attack, and MALE is reviewed by an independent external event adjudication committee (EAC) in a blinded manner. CKD-EPI, Chronic Kidney Disease Epidemiology Collaboration; Cycladoration; Cycladorati



Novo Nordisk®





FLOW participants had a significant CKD burden: 93% at high/very high risk for CKD progression mean eGFR: 46.9 mL/min/1.73m<sup>2</sup>, mean UACR: 582 mg/g

For eGFR, baseline assessment was defined as the mean of the two assessments from the randomisation visit and the screening visit. Albuminuria categories are based on UACR, and baseline assessment was defined as the mean of the two assessments from the randomisation visit. If only one of the assessments for either UACR or eGFR is available, this is used as the baseline assessment. The renal function categories are based on the eGFR as per CKD-EPI.

CKD-EPI, Chronic Kidney Disease Epidemiology Collaboration; eGFR, estimated glomerular filtration rate; SD, standard deviation; UACR, urinary albumin:creatinine ratio. Perkovic V, et al. N Engl J Med. 2024: DOI: 10.1056/NEJMoa2403347

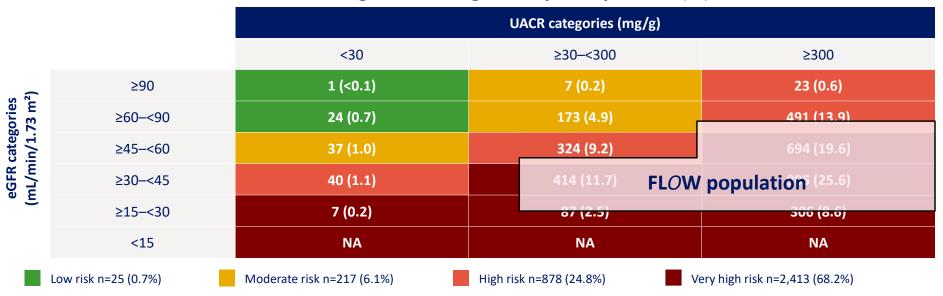




# 93% of the participants were at high or very high risk for CKD progression

According to KDIGO guideline categorisation, 68.2% were at very high risk for CKD progression

KDIGO risk categories among FLOW participants, n (%)



Adapted from KDIGO Diabetes Work Group. KDIGO 2022 Clinical Practice Guideline for Diabetes Management in Chronic Kidney Disease; Kidney International (2022) 102 (Suppl 5S), S1–S127.

CKD, chronic kidney disease; eGFR, estimated glomerular filtration rate; KDIGO, Kidney Disease: Improving Global Outcomes; UACR, urine albumin-creatinine ratio. Rossing P et al. Nephrol Dial Transplant 2023;38:2041–2051; Perkovic V, et al. N Engl J Med. 2024: DOI: 10.1056/NEJMoa2403347



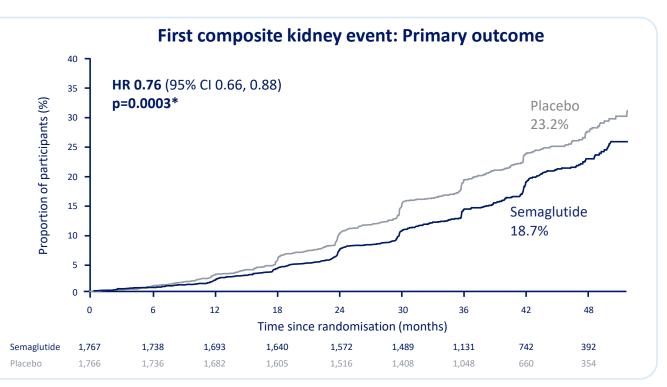


### Primary kidney endpoint

OW semaglutide s.c. 1.0 mg demonstrated a 24% risk reduction of a composite outcome, incl. kidney disease progression, CV and kidney death in people with CKD and T2D

# Time to first occurrence of a composite endpoint consisting of:

- Onset of persistent ≥50% reduction in eGFR compared with baseline
- Onset of persistent eGFR <15 mL/min/1.73 m<sup>2</sup>
- Initiation of chronic renal replacement therapy (dialysis or kidney transplantation)
- Renal death
- CV death



Full analysis set. Data from the in-trial period. \* Superiority if p value <0.0322

Numbers shown in the lower panels represent the number of participants at risk. CI, confidence interval; CV, cardiovascular; eGFR, estimated glomerular filtration rate; HR, hazard ratio. Perkovic V, et al. N Engl J Med. 2024: DOI: 10.1056/NEJMoa2403347





Consistent risk reduction across the components of the primary

composite endpoint

composite end	ιροπτ	HR (95% CI)	Semaglutide (n/N)	Placebo (n/N)
Primary endpoint: Composite kidney outcome	H■H	<b>0.76</b> (0.66, 0.88)	331/1,767	410/1,766
Onset of persistent ≥50% reduction in eGFR	<b>⊢■</b> →	<b>0.73</b> (0.59, 0.89)	165/1,767	213/1,766
Onset of persistent eGFR <15 mL/min/1.73 m <sup>2</sup>	<b>├──</b>	<b>0.80</b> (0.61, 1.06)	92/1,767	110/1,766
Initiation of chronic kidney replacement therapy	<b>├──■</b>	<b>0.84</b> (0.63, 1.12)	87/1,767	100/1,766
Kidney death	-	<b>0.97</b> (0.27, 3.49)	5/1,767	5/1,766
CV death	<b>⊢-■</b>	<b>0.71</b> (0.56, 0.89)	123/1,767	169/1,766
0.1	0.4 1.0 2.7 7.3 Favours semaglutide Favours placebo	•		

- 1) Both kidney and cardiovascular components of the primary composite endpoint contributed to the risk reduction.
- 2) Consistent risk reductions for kidney disease components of the primary composite endpoint.

Full analysis set. Data from the in-trial period.

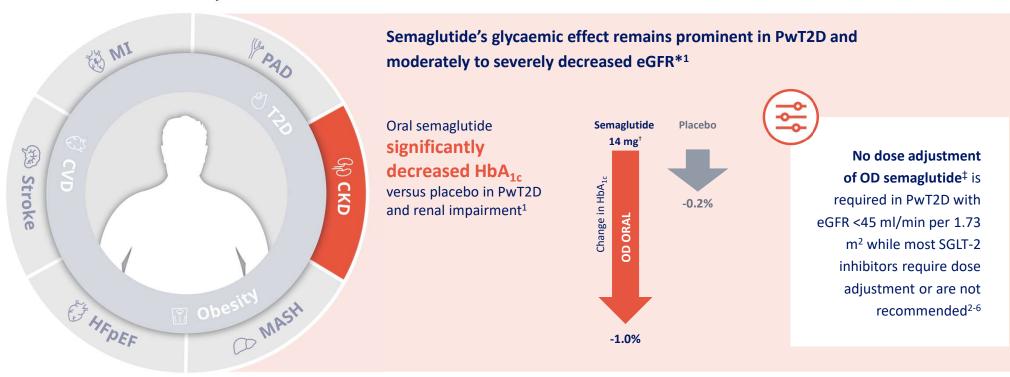


<sup>\*</sup>Data on file. End-stage kidney disease was a 3-component composite endpoint consisting of initiation of chronic replacement therapy (dialysis or kidney transplantation), onset of persistent eGFR, <15 mL/min/1.73 m², and kidney death.Cl, confidence interval; eGFR, estimated glomerular filtration rate; HR, hazard ratio. Perkovic V, et al. N Engl J Med. 2024: DOI: 10.1056/NEJMoa2403347





# Glycaemic efficacy of semaglutide is sustained in people with moderately to severely decreased kidney function



\*eGFR. <60 ml/min per 1.73 m²; ¹ETD, -0.8%; 95% CI, -1.0 to -0.6; p<0.0001; ¹Semaglutide is not recommended in patients with end-stage renal disease.
eGFR, estimated glomerular filtration rate; ETD, estimated treatment difference; HbA<sub>10</sub>; hoemoglobin A<sub>10</sub>; PwT2D, people with type 2 diabetes; OD, once daily; SGLT-2, sodium-glucose co-transporter-2
1. Mosenzon O, et al. Lancet Diabetes Endocrinol. 2019; ?S:515-27.2. Semaglutide (Rybelsus\*) Summary of Product Characteristics, last revised Detaber 2023. 3. Canagliflozin (Invokana\*) Summary of Product Characteristics, last revised May 2023. 4. Empagliflozin (Jardiance\*) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteristics, last revised May 2023. 6. Entugliflozin (Seglator) Summary of Product Characteri





### Semaglutide has a proven safety profile in people with T2D and CKD



Semaglutide exposure is similar in people with severe kidney impairment (creatinine clearance ≤30 ml/min) compared to those with normal renal function¹



In **FLOW**, semaglutide 1.0 mg was **well tolerated** with a safety profile
consistent with previous semaglutide
1.0 mg experience<sup>2</sup>

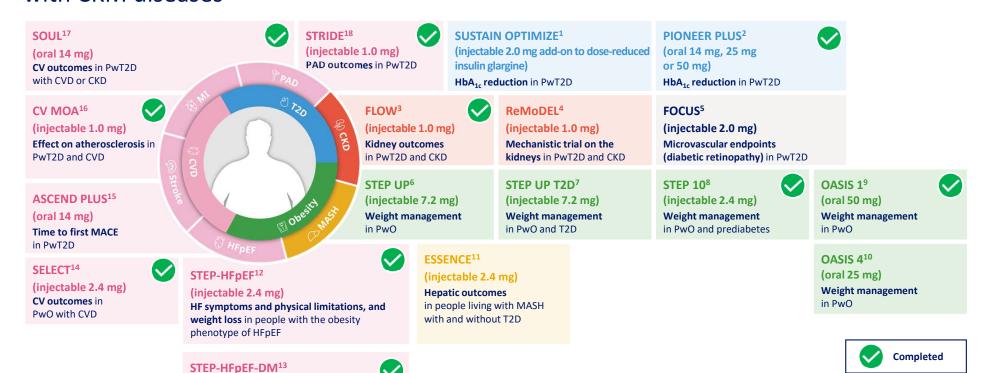


A **real-world study** of PwT2D and CKD found injectable semaglutide 1.0 mg to be **safe and** well-tolerated<sup>3</sup>





# Multiple studies are ongoing to further examine the effects of semaglutide in patients with CKM diseases



phenotype of HFpEF and T2D

(injectable 2.4 mg)

HF symptoms and physical limitations, and weight loss in people with the obesity

CKD, chronic kidney disease; CKM, cardiovascular-kidney-metabolic; CV, cardiovascular disease; DM, diabetes mellitus; HbA<sub>1c</sub>, haemoglobin A<sub>1c</sub>; HF, heart failure; HFpEF, heart failu

L. ClinicaTrials.gov. NCT05514535. 2. ClinicaTrials.gov. NCT04707469. 3. ClinicaTrials.gov. NCT03819153. 4. ClinicaTrials.gov. NCT04865770. 5. ClinicaTrials.gov. NCT03811561.
6. ClinicaTrials.gov. NCT05646706. 7. ClinicaTrials.gov. NCT0549137. 8. ClinicaTrials.gov. NCT05040971. 9. ClinicaTrials.gov. NCT05035095. 10. ClinicaTrials.gov. NCT05646706. 7. ClinicaTrials.gov. NCT04788511. 13. ClinicaTrials.gov. NCT04786511. 11. ClinicaTrials.gov. NCT04788511. 13. ClinicaTrials.gov. NCT04916470. 14. Ryan DH, et al. Am Heart J. 2020;229:61-69. 15. ClinicaTrials.gov. NCT04560998.
ClinicaTrials.gov. NCT04032197. 17. ClinicaTrials.gov. NCT03914326. 18. ClinicaTrials.gov. NCT04560998.



# Thank you

