



Structure
T H E R A P E U T I C S

Amylin and GLP-1 Program Updates

September 8, 2026



Forward-Looking Statements

This presentation contains “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact are statements that could be deemed forward-looking statements, including, without limitation, statements concerning: the estimated addressable patient population, market, and revenue opportunity for aleniglipron; any expectations regarding the potential benefits, tolerability and safety profile, accessibility, dose flexibility, scalability, cost, combinability, capability, efficacy, convenience, expected effects, and future application of ACCG-2671 and aleniglipron; the potential market demand of oral GLP-1s; the belief that ACCG-2671 represents a potentially first-in-class small molecule amylin agonist and aleniglipron represents a potentially best-in-class small molecule GLP-1 agonist; any presumption that topline, interim or preliminary data will be representative of final data or data in later clinical trials; the expected timing of enrollment completion and data results, as applicable, from the Phase 1/2a ACCG-2671 MAD trial, Phase 3 aleniglipron trials and other ongoing clinical trials; the belief that the Company is building the future of oral chronic weight management medicines and redefining chronic weight management; the Company’s anticipated cash runway; and the Company’s future plans and prospects. In addition, when or if used, the words and phrases “believe,” “may,” “potential,” “to be,” “will,” and similar expressions and their variants, as they relate to the Company may identify forward-looking statements. Forward-looking statements are neither historical facts nor assurances of future performance. Although the Company believes the expectations reflected in such forward-looking statements are reasonable, the Company can give no assurance that such expectations will prove to be correct. Readers are cautioned that actual results, levels of activity, safety, performance or events and circumstances could differ materially from those expressed or implied in the Company’s forward-looking statements due to a variety of risks and uncertainties, which include, without limitation: risks and uncertainties related to topline results that the Company reports is based on preliminary analysis of key efficacy and safety data, and such data may change following a more comprehensive review of the data related to the clinical trial and such topline data may not accurately reflect the complete results of a clinical trial, the preliminary nature of the results due to the length of the study and sample size and results from earlier clinical studies not necessarily being predictive of future results; potential delays in the commencement, enrollment and completion of the Company’s planned clinical studies; the Company’s ability to advance aleniglipron, ACCG-2671, ACCG-3535, LTSE-2578, and its other therapeutic candidates, obtain regulatory approval of, and ultimately commercialize the Company’s therapeutic candidates; competitive products or approaches limiting the commercial value of the Company’s product candidates; the timing and results of preclinical and clinical studies; the Company’s ability to fund development activities and achieve development goals; the Company’s reliance on third parties, including clinical research organizations, manufacturers, suppliers and collaborators, over which it may not always have full control; general geopolitical and macroeconomic conditions, including as a result of tariffs and various global conflicts; the Company’s ability to protect its intellectual property; and other risks and uncertainties described in the Company’s filings with the Securities and Exchange Commission (SEC), including the Company’s latest Quarterly Report on Form 10-Q and future reports the Company may file with the SEC from time to time. All forward-looking statements contained in this presentation speak only as of the date on which they were made and are based on management’s assumptions and estimates as of such date. The Company undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made, except as required by law.

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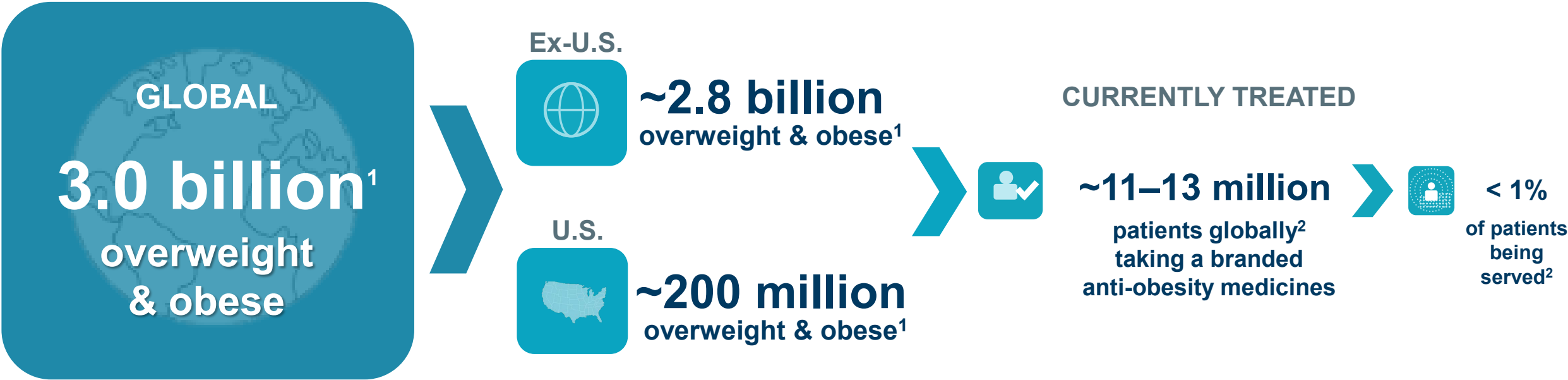
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Today's Update

Opening Remarks and Overview of Structure's Portfolio Strategy	Raymond Stevens, Ph.D. Chief Executive Officer
ACCG-2671: Unlocking the Potential of Oral Amylin	Blai Coll, M.D., Ph.D. Chief Medical Officer
Advancing Aleniglipron: ACCESS 72w OLE Completion and Phase 3 Update	
Building a Leading Oral Obesity Portfolio for Broad Access	Raymond Stevens, Ph.D. Chief Executive Officer
Q & A	Raymond Stevens, Ph.D. , Chief Executive Officer Blai Coll, M.D., Ph.D. , Chief Medical Officer Jun Yoon , Chief Financial Officer

Less than 1% of the Global Population Living with Overweight and Obesity are Taking Anti-Obesity Medications

THE GAP BETWEEN ADDRESSABLE POPULATION AND TREATMENT



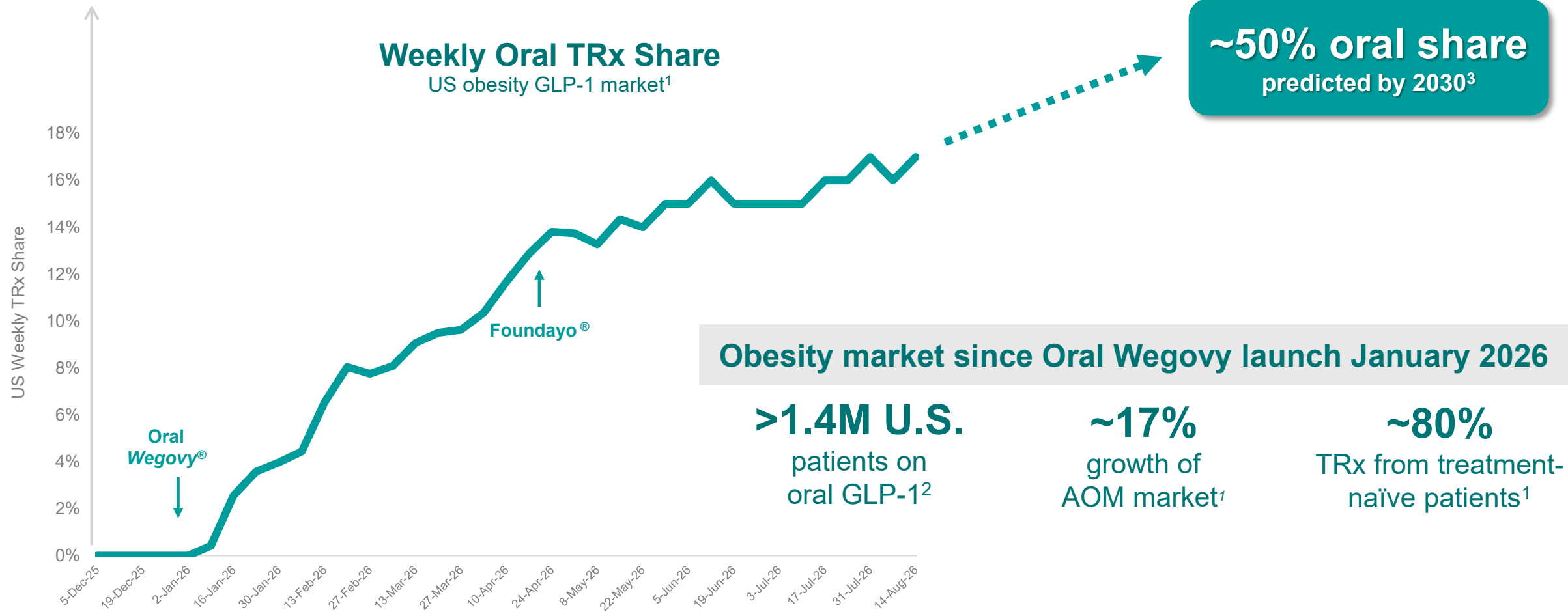
>\$100 billion Total Addressable Market³

(obesity or overweight with at least one weight-related comorbid condition)

Unprecedented Oral GLP-1 Uptake Demonstrates Market Demand



We believe only oral small molecules can scale to meet the needs of the global obesity patient population

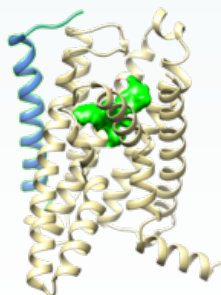


1. IQVIA; Bernstein Research; J.P. Morgan
2. Novo estimate of ~1.2M U.S. patients on Wegovy pill, scaled up to include Foundayo based on branded TRx via IQVIA (Aug 2026)
3. Triangulation between internal data, analog disease areas, and 3rd party estimates

Today's Focus

ACCG-2671

FIRST IN CLASS ORAL SMALL MOLECULE AMYLIN RECEPTOR AGONIST

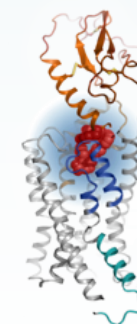


Phase 1/2a SAD Completed

- ✓ ~ 6 days half-life for potential once weekly dosing
- ✓ No SAEs
- ✓ Initial signs of meaningful target engagement
 - Dose proportional GI induction
 - Up to 3.3% body weight loss with single dose
 - Positive exploratory bone health biomarkers
- ✓ Phase 1/2a (12 week) MAD trial ongoing

Aleniglipron

POTENTIAL BEST IN CLASS ORAL SMALL MOLECULE GLP-1 RECEPTOR AGONIST



Phase 2b 72-week ACCESS OLE Completed

- ✓ Sustained maintenance of 16.2% body weight loss, with no observed plateau
- ✓ 36% of participants achieved $\geq 20\%$ body weight loss
- ✓ Tolerability improved with 2.5 mg starting dose
- ✓ $< 5\%$ AE-related treatment discontinuations
- ✓ No off-target safety signals
- ✓ Global Phase 3 trials ongoing

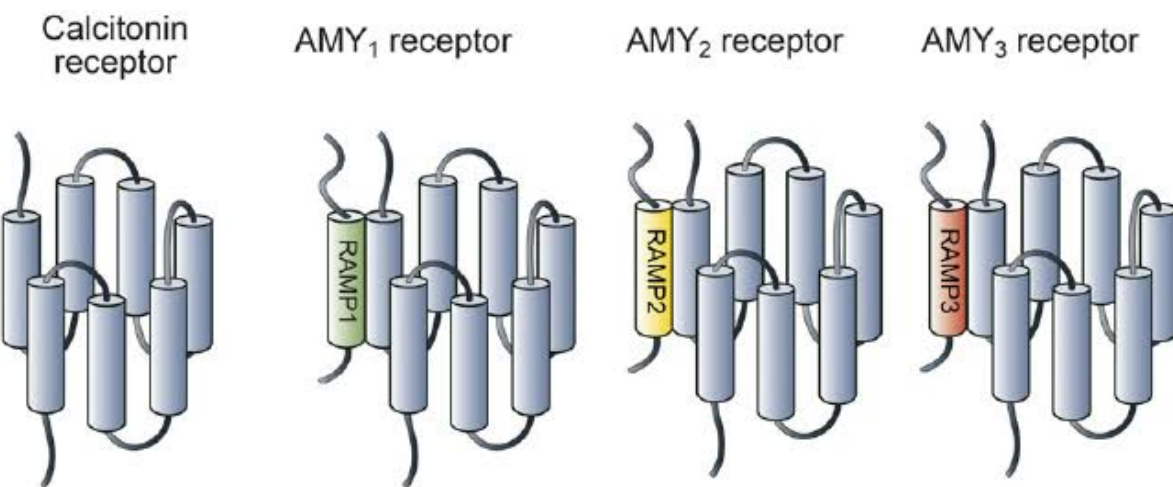
ACCG-2671: Unlocking the Potential of Oral Amylin

Blai Coll



Amylin Receptor Biology

AMYLIN



BENEFICIAL METABOLIC EFFECTS

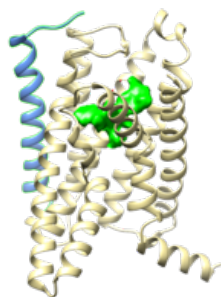
	CNS	↑ Satiety ↑ Leptin sensitivity ↑ Energy expenditure ↓ Body weight
	GI Tract	↓ Gastric emptying
	Liver	↓ Lowering of Lipids
	Pancreas	↓ Insulin secretion ↓ Glucagon secretion
	Bone Health	↓ Bone resorption ↑ Bone alkaline phosphatase ↓ CTX-1

First-in-Class Small Molecule Amylin Agonist Demonstrated Encouraging Preclinical Activity

In obese non-human primates (NHPs)¹:

- ACCG-2671 demonstrated significant dose-dependent weight loss
- Long half-life ($t_{1/2}$ ~ 60 hr)

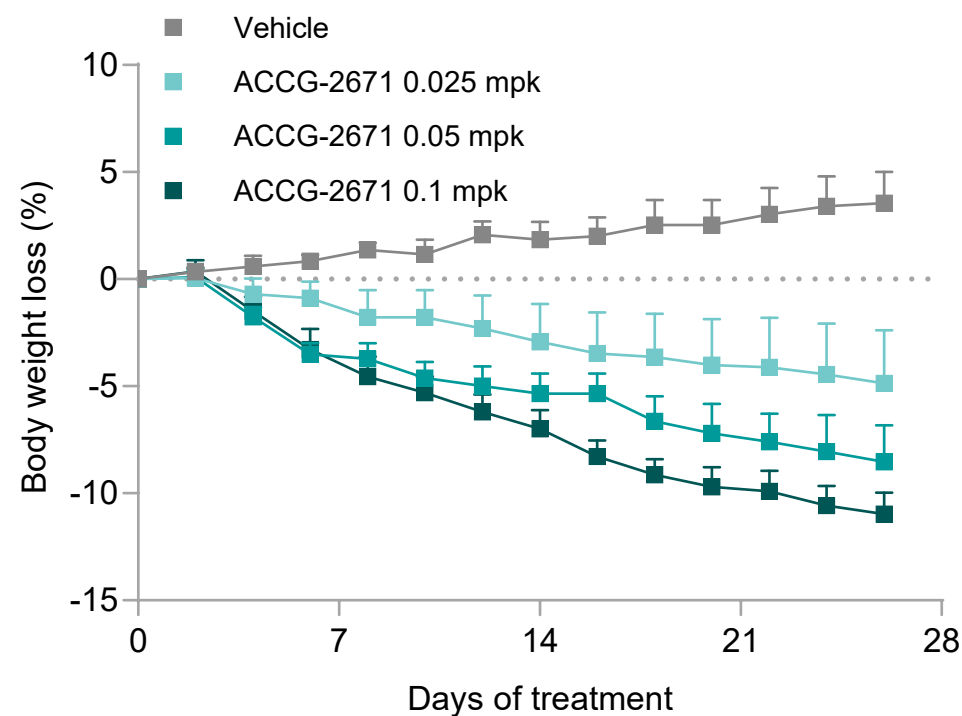
ORAL DACRA



ACCG-2671

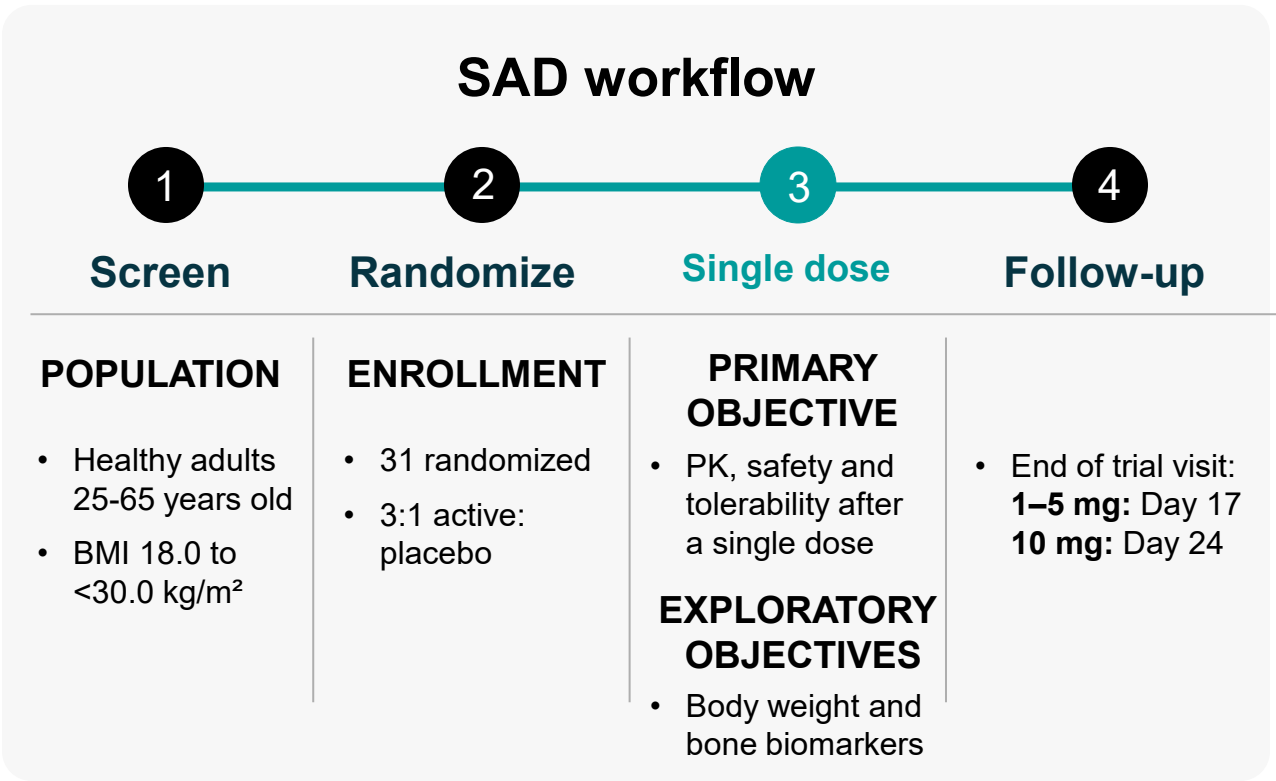
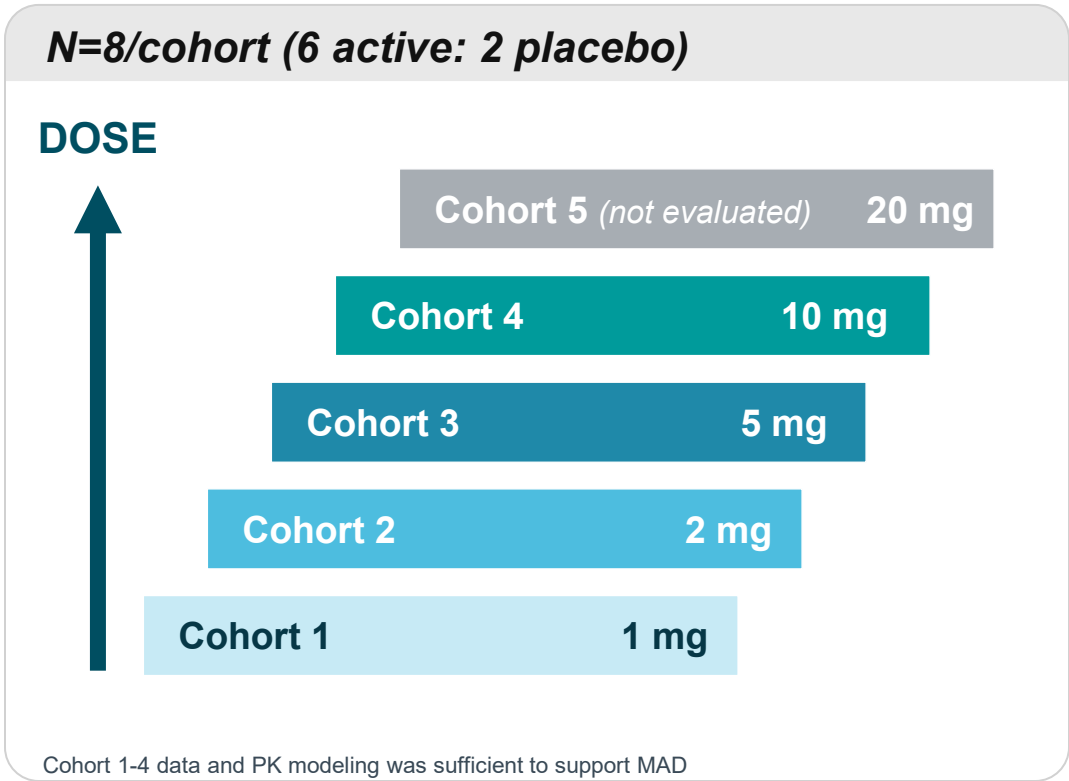
- Broad specificity across human CTR, AMY1R, AMY2R, and AMY3R
- High in vitro binding affinity and functional cell activity
- Body weight and food intake reduction observed in rodents

MONOTHERAPY IN OBESE NHPs



Phase 1/2a SAD Clinical Trial in Healthy Participants Without Obesity

- Evaluated the safety, tolerability, pharmacokinetics, and food-effect of single ascending doses of ACCG-2671 in healthy adult participants
- Completed SAD and food effect study and 12-week MAD trial initiated



* Food effect data not available for today's presentation

SAD Baseline Demographics

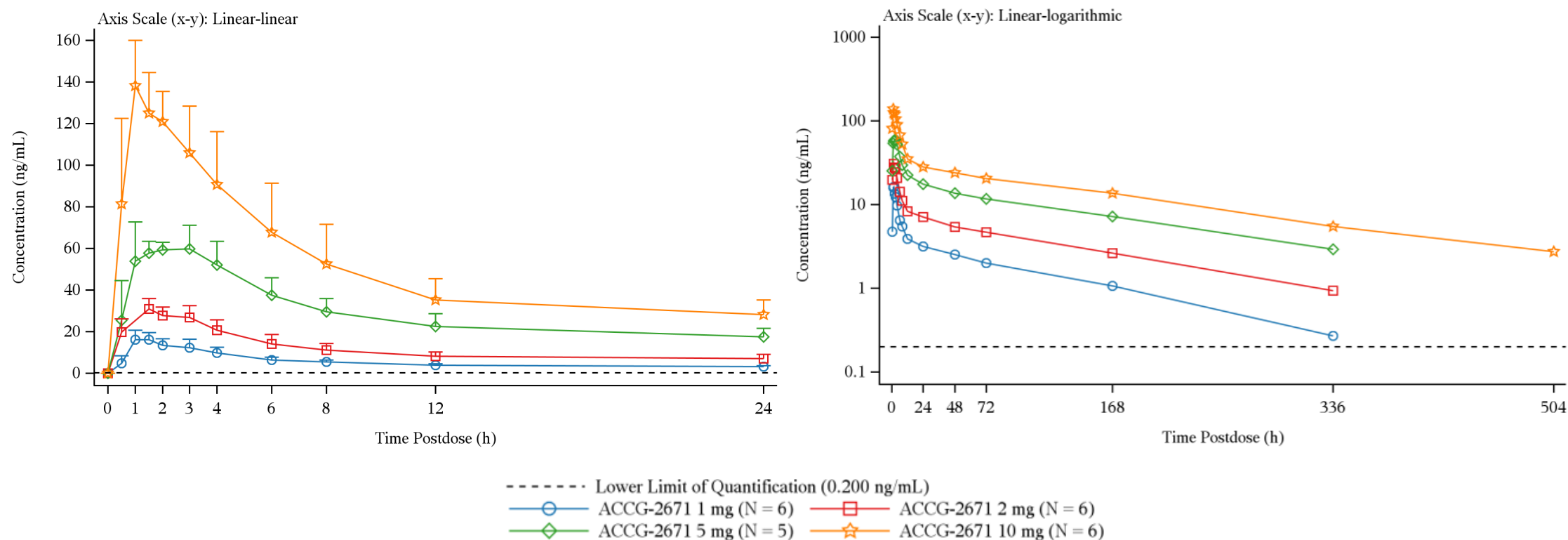
- All participants randomized to ACCG-2671 completed dosing and trial
- Predominantly female, young participants with BMI ranging between 26-27

Characteristic Mean (SD) or N (%)	1 mg (N=6)	2 mg (N=6)	5 mg (N=5)	10 mg (N=6)	Pooled Placebo (N=8)
Completed treatment	6 (100)	6 (100)	5 (100)	6 (100)	8 (100)
Completed trial	6 (100)	6 (100)	5 (100)	6 (100)	7 (87.5)
Age, years	40.5 (12.2)	39.3 (10.6)	35.6 (0.6)	34.2 (5.9)	43.8 (12.7)
Sex, female	3 (50.0)	4 (66.7)	4 (80.0)	4 (66.7)	4 (50.0)
BMI, kg/m²	26.3 (1.1)	26.4 (2.2)	27.1 (1.9)	27.4 (1.7)	26.1 (2.4)

Favorable PK Profile Demonstrated After Single Dose

- Rapid absorption: maximum concentration reached in 1–1.5 hours
- Exposure consistent with dose proportionality
- Long terminal half-life of ~6 days supports potential once-weekly dosing

Single Dose PK Profiles



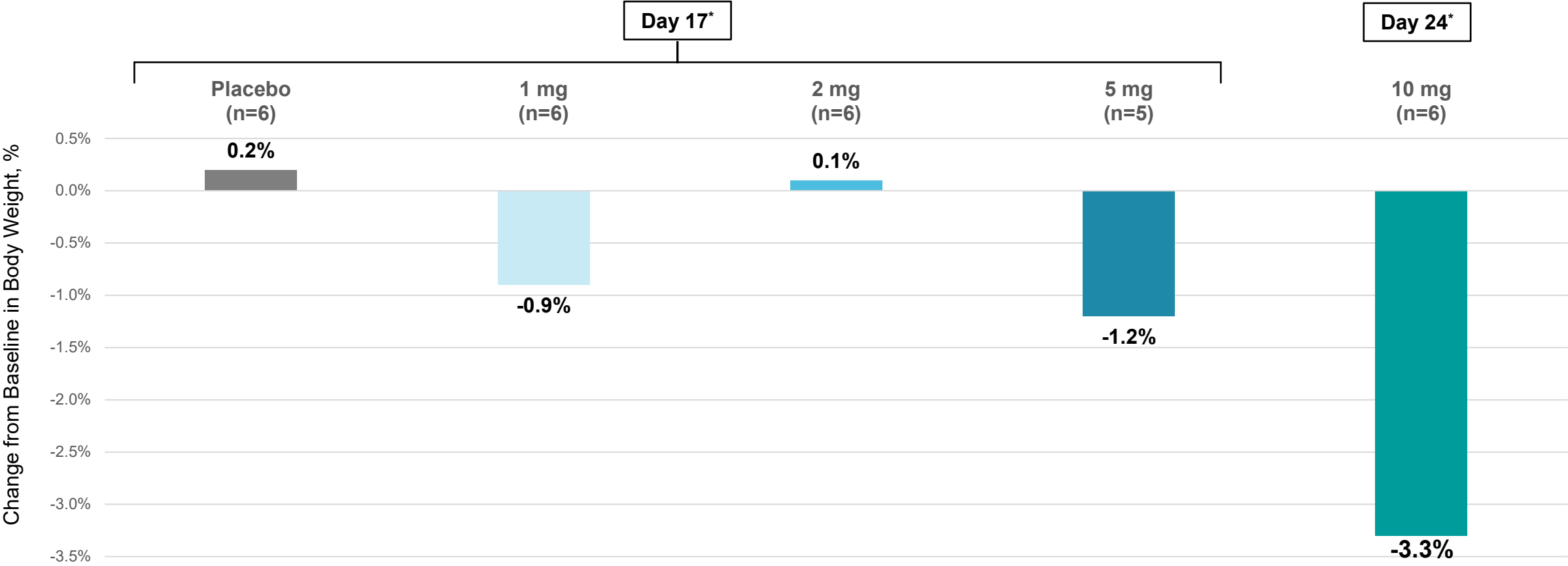
Safety and Tolerability Summary After Single Dose

- No serious adverse events
- No treatment emergent adverse events (TEAEs) leading to study discontinuation
- No cases of drug-induced liver injury
- Dose-related GI induction provides sign of target engagement

N (%) Reporting at least one event	1 mg (N=6)	2 mg (N=6)	5 mg (N=5)	10 mg (N=6)	Pooled Placebo (N=8)
Serious TEAE	0	0	0	0	0
Any TEAE leading to discontinuation of study	0	0	0	0	0
Nausea (mild/moderate)	0	0	4 (80)	6 (100)	0
Vomiting (mild/moderate)	0	0	3 (60)	6 (100)	0
Diarrhea	0	0	1 (20)	0	0

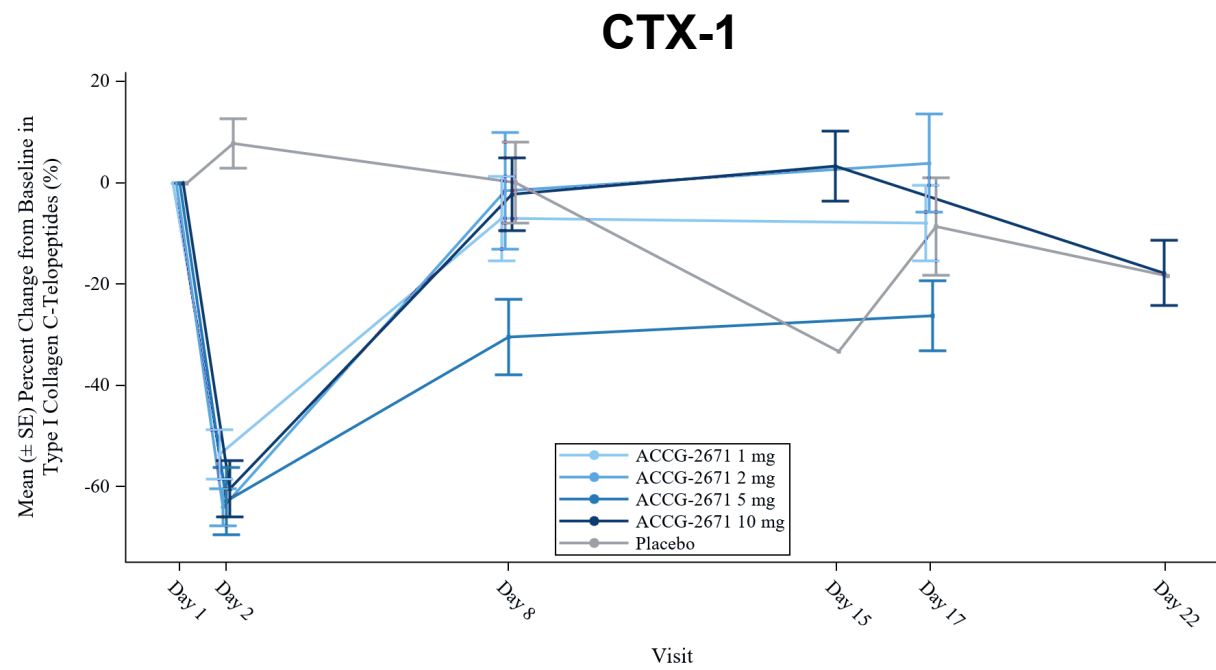
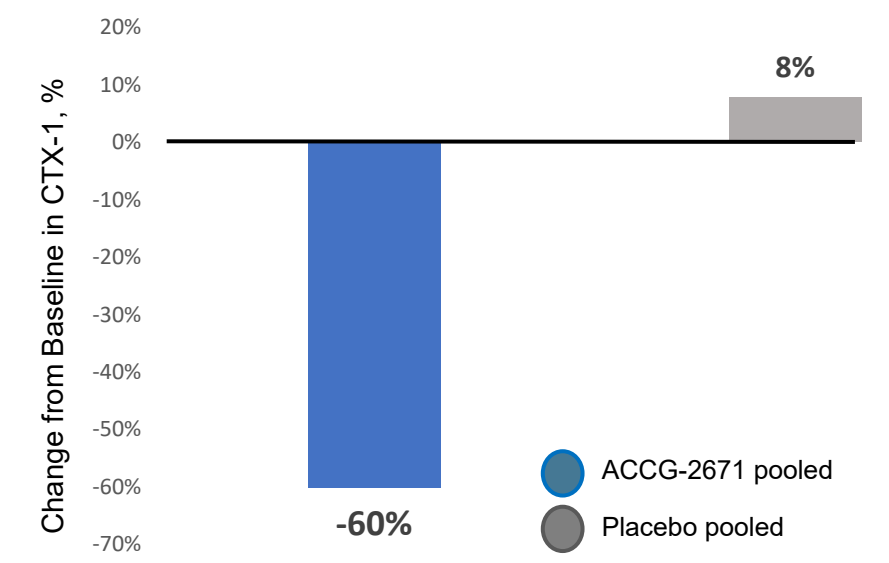
Early Changes in Body Weight Observed After Single Dose

- 3.3% mean weight loss with 10 mg at Day 24
- Baseline BMI ranging from 26.1-27.4 kg/m² (healthy participants living without obesity)



Reduction in CTX-1 Biomarker Observed with Single Dose

CTX-1 Changes from Baseline to Day 2



- Day 2 CTX-1 decreased across every active dose ~60% compared with 8% increase in placebo
- Day 2 increase in bone specific alkaline phosphatase up to 10.7% compared with placebo -4.2% (data not shown)

Phase 2a (12 Week) MAD Clinical Trial in Participants with Obesity

Dosing initiated and on track for topline data in 1H 2027

Define MAD profile in participants with obesity

-  Safety and tolerability
-  Pharmacokinetics across multiple oral doses
-  Effect on body weight after 12 weeks

Develop dosing schedules and titration regimens

-  5 cohorts with daily and weekly dosing
-  Compare titration schemes for optimization of tolerability
-  Slow titration across broad efficacious range

Test exploratory biomarkers and efficacy in combination use

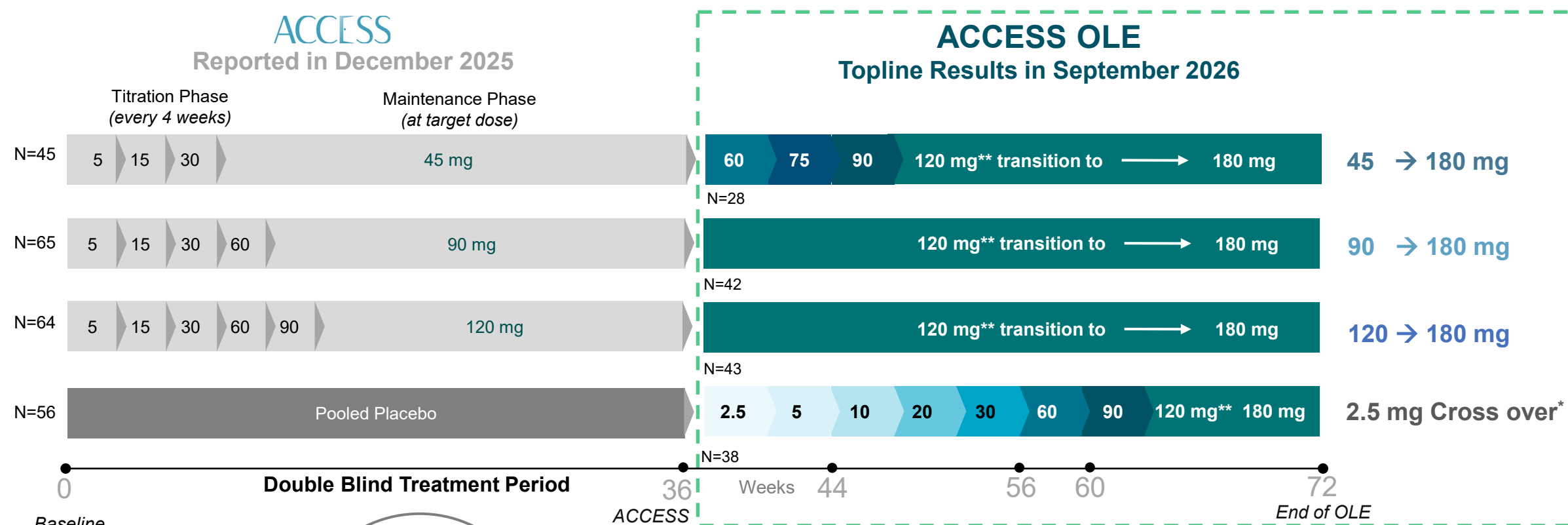
-  Bone biomarkers panel
-  Effects on body weight as add-on to standard of care

Advancing Aleniglipron: ACCESS OLE Completion and Phase 3 Update

Blai Coll



ACCESS OLE Informed Phase 3 Trial Design and Execution



**nature
medicine**
Published: June 5, 2026
DOI: 10.1038/s41591-026-04476-6

ACCESS
-11.3%
at 36 weeks
120 mg

Trial Details
N=151

Participants:

- Completed the double-blind treatment period from ACCESS
- 87% of eligible participants enrolled in the OLE

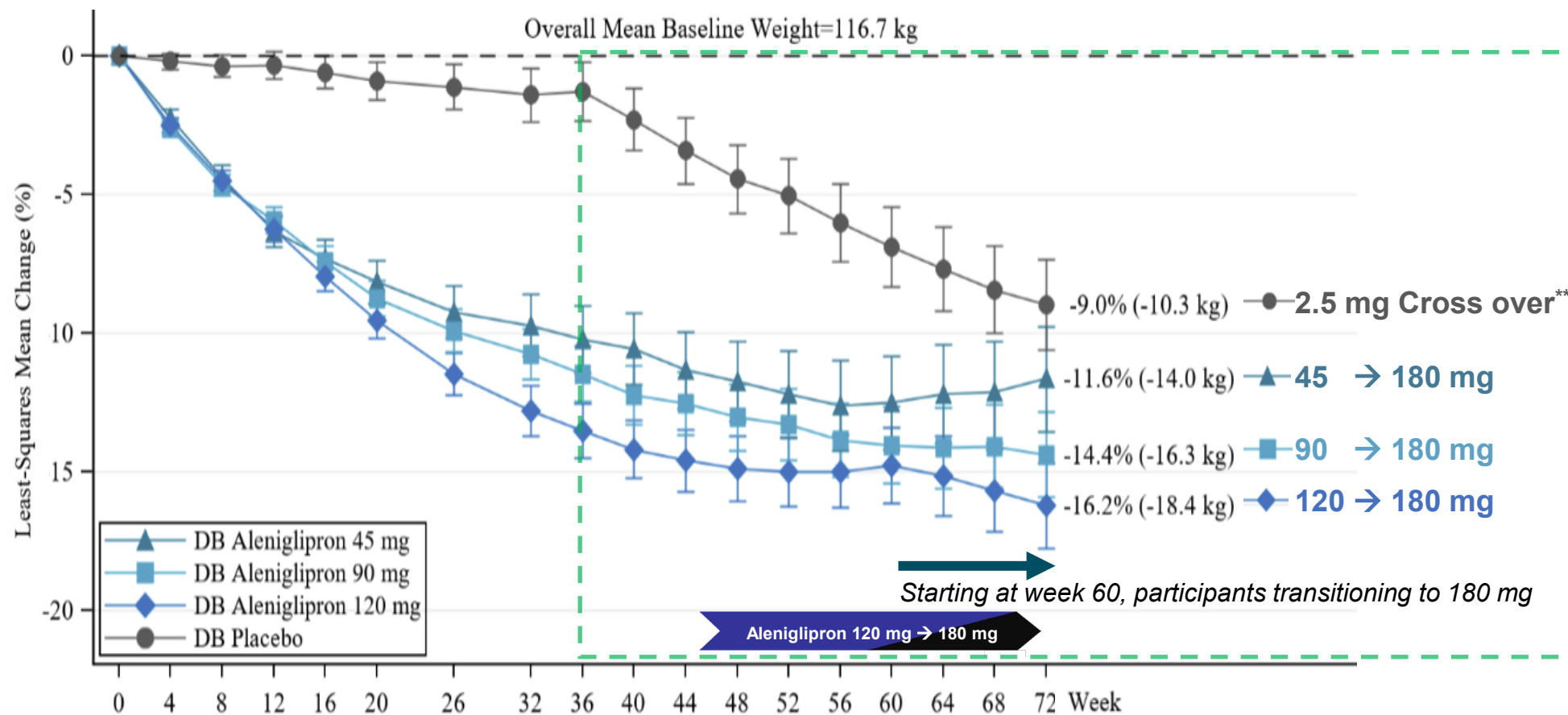
** All cohorts transitioned from either 90 mg or 120 mg to 180 mg after Week 60

ACCESS OLE Baseline Demographics

- BMI ranging between 33.9 – 39.0 kg/m² and normal systolic and diastolic blood pressure
- Lower number of female participants in the 2.5 mg cross over cohort

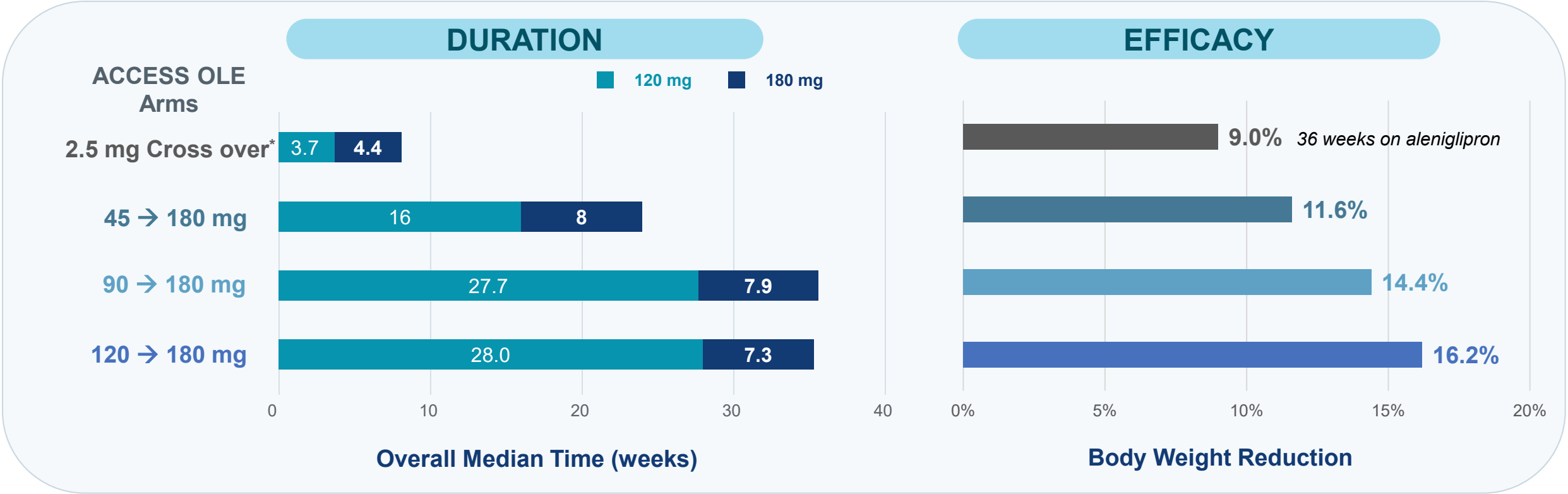
Characteristics Mean (SD) or N (%)	Arm in the double-blind (DB) OLE treatment period			2.5 mg Cross over* (N=38)
	45 → 180 mg (N=28)	90 → 180 mg (N=42)	120 → 180 mg (N=43)	
Sex, female	15 (53.6)	23 (54.8)	26 (60.5)	18 (47.4)
Body weight, kg	109.5 (26.6)	107.8 (24.4)	97.0 (19.9)	111.2 (22.3)
Body mass index, kg/m ²	36.9 (7.5)	36.1 (6.6)	33.9 (6.3)	39.0 (7.7)
Waist circumference, cm	114.9 (17.7)	114.8 (16.0)	109.4 (13.2)	118.6 (15.7)
HbA1c, %	5.36 (0.26)	5.32 (0.38)	5.34 (0.36)	5.54 (0.44)
Systolic blood pressure, mmHg	120.1 (11.8)	116.6 (13.0)	116.7 (12.6)	122.9 (13.2)
Diastolic blood pressure, mmHg	80.1 (7.1)	77.3 (8.4)	77.5 (9.7)	80.9 (6.7)

Dose Range Finding in Phase 2b ACCESS OLE



- ACCESS program finalized with dose ranging from 2.5 mg starting dose to 180 mg top dose
- Up to 16.2% weight loss (40.5 lb) with no evidence of plateau at top 180 mg dose

Time of Exposure at 180 mg ~8 weeks in ACCESS OLE



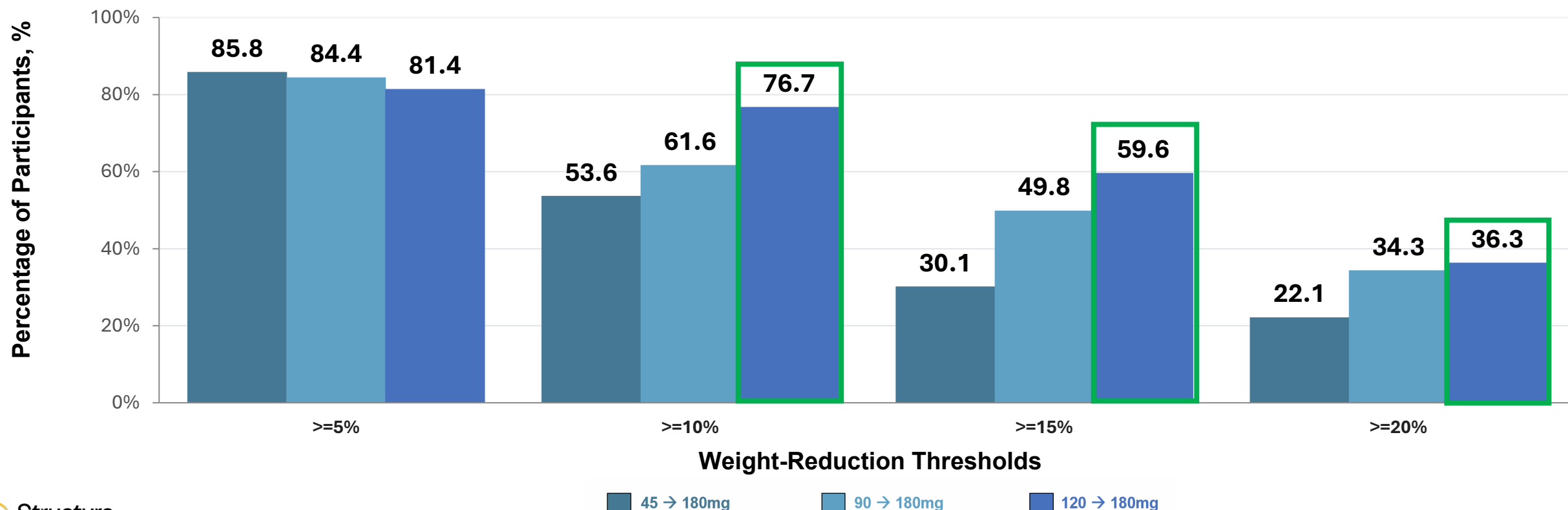
Ongoing Phase 3 clinical trial planned for 52 weeks of 180 mg top maintenance dose

*Cross over from placebo in the ACCESS double-blind treatment period

Aleniglipron Achieved Significant Responder Rates at Week 72 in ACCESS OLE

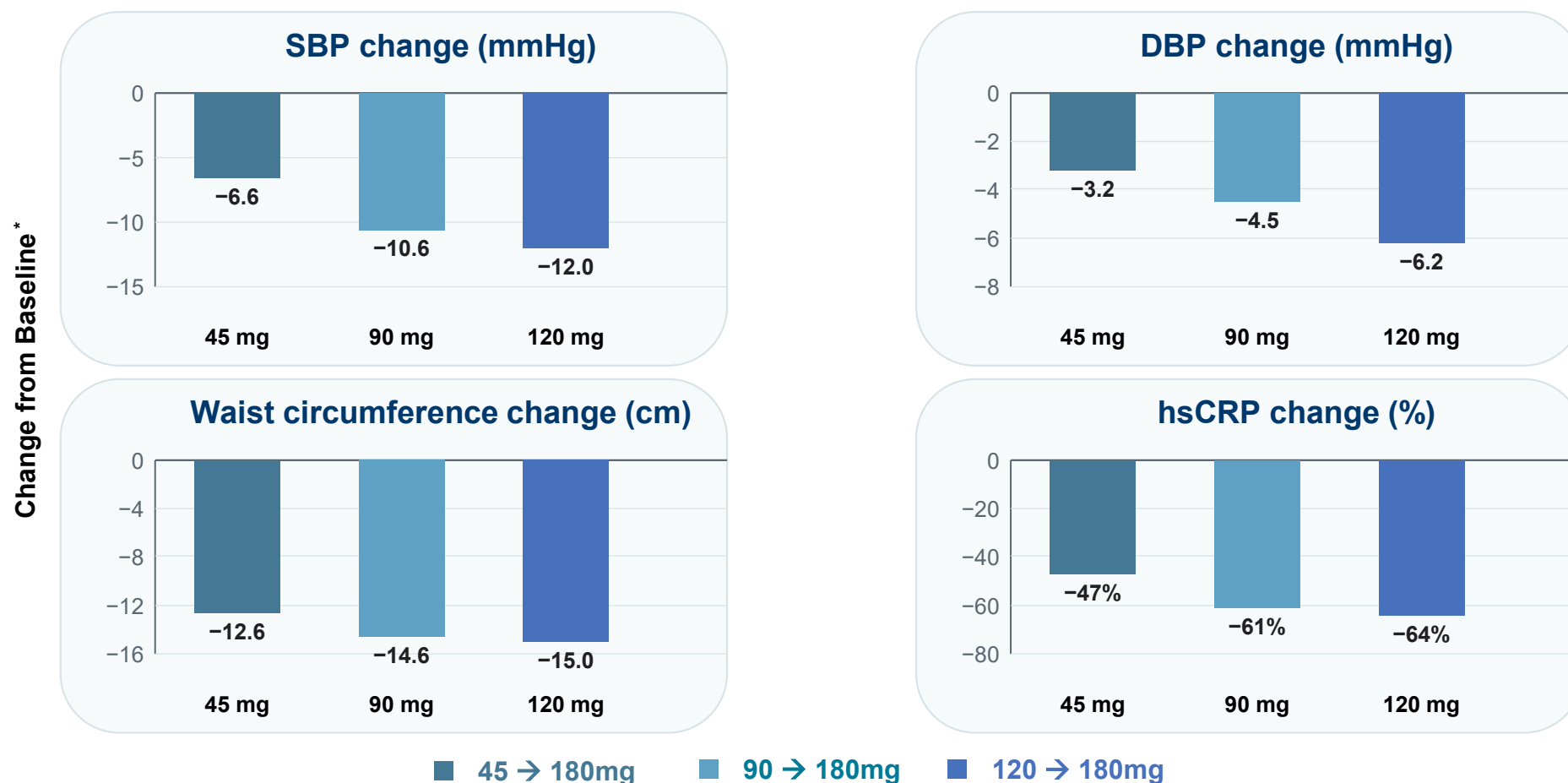
ACCESS OLE: 120 mg → 180 mg dose cohort:

- 77% achieved $\geq 10\%$ body weight reduction
- 60% achieved $\geq 15\%$ body weight reduction
- 36% achieved $\geq 20\%$ body weight reduction

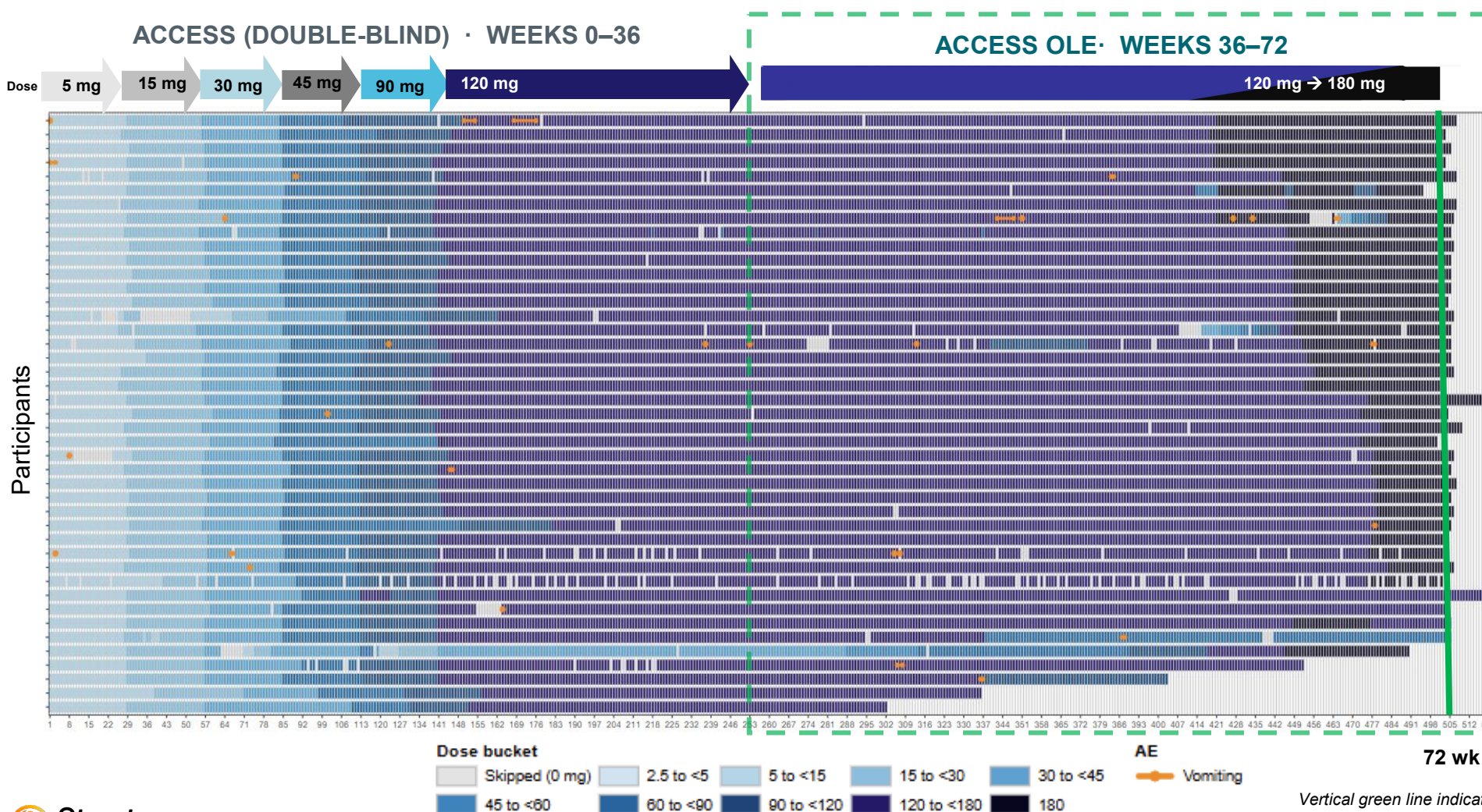


Aleniglipron Achieved Significant Improvements Beyond Body Weight Reduction at Week 72 in ACCESS OLE

Clinically meaningful improvements in cardiometabolic risk factors



ACCESS OLE Participant Journey: Tolerability Through 72 Weeks for the 120 mg Arm



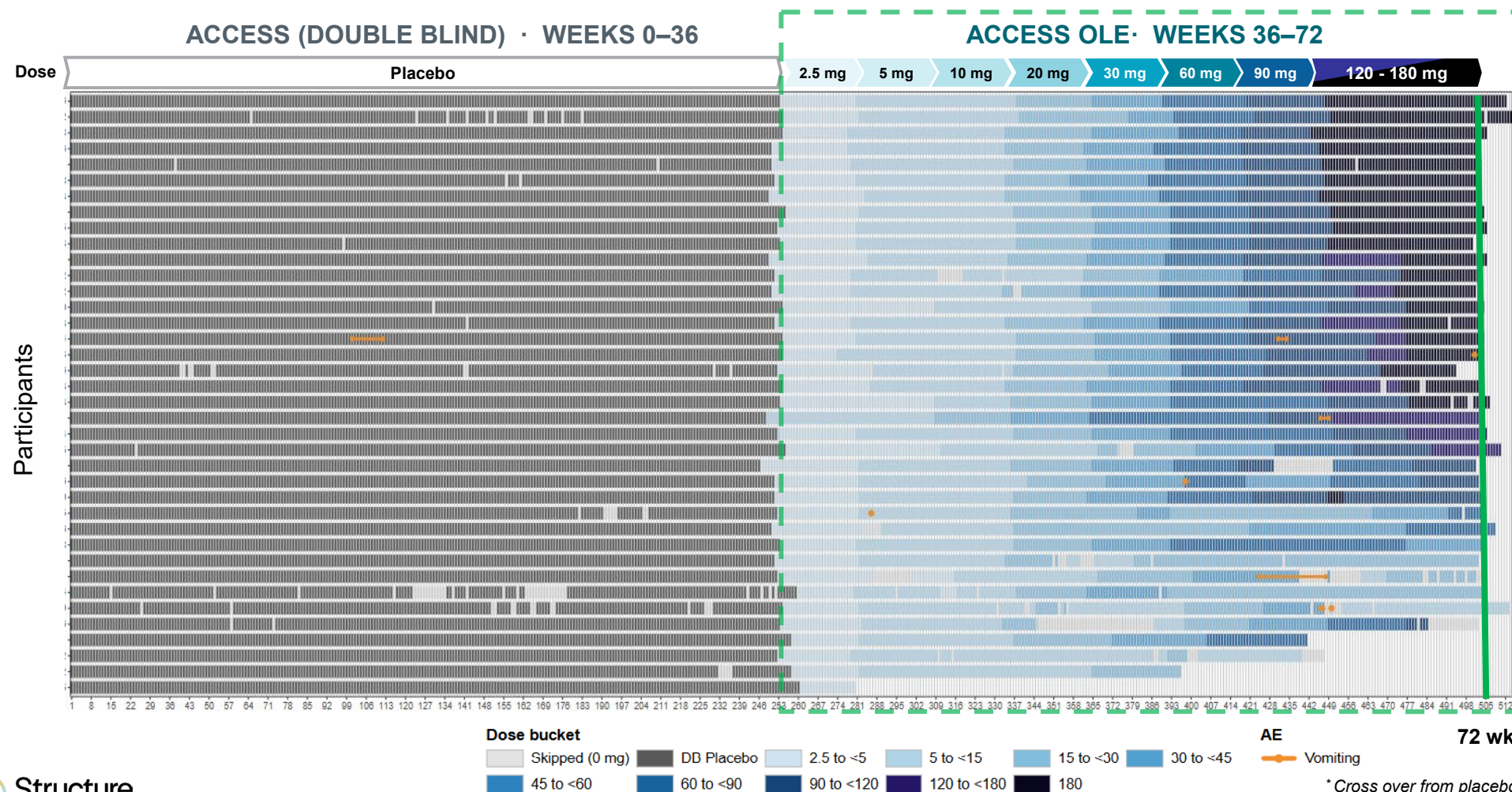
Key Takeaways

- Overall completion on treatment 88%*
- Occurrence of vomiting events was sporadic
- Interruptions in dosing were not associated with vomiting events
- Transition to 180 mg:
 - Not associated with increase in vomiting
 - Limited exposure period to interpret efficacy

Vertical green line indicates 72 weeks. Protocol allow flexibility with pre-specified window of time to complete the study. * Indicate completers in the overall study (133/151)

ACCESS OLE Participant Journey: Tolerability Through 72 Weeks for the 2.5 mg Cross Over*

Data supports “start low go slow” strategy



Key Takeaways

- Overall completion on treatment 88%^{**}
- Occurrence of vomiting was less frequent than previous titration
- Interruptions in dosing were not associated with vomiting events
- Transition to 180 mg:
 - Not associated with increase in vomiting
 - Limited exposure period to interpret efficacy

* Cross over from placebo in the ACCESS double-blind treatment period. *** Indicate completers in the overall study (133/151)

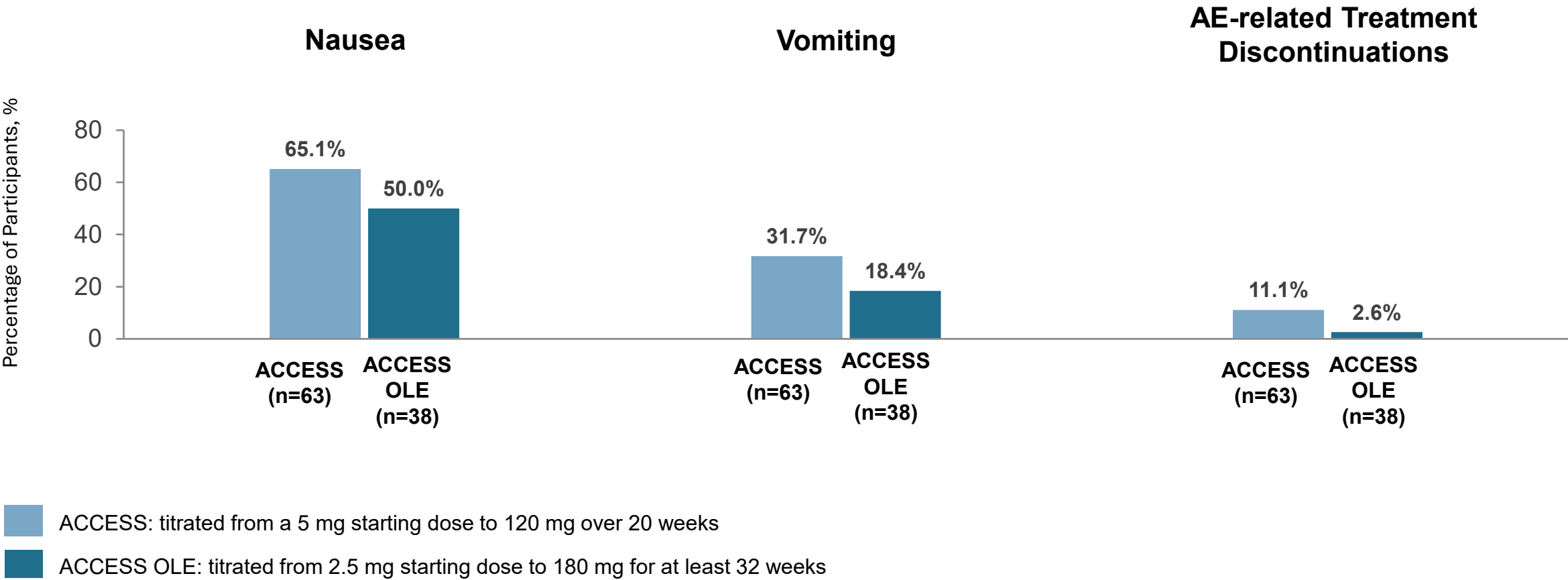
ACCESS OLE Tolerability Results (Weeks 36 to 72)

Overall, low (<5%) treatment discontinuations due to Adverse Events

Characteristics Mean (SD) or N (%)	Arm in the ACCESS double-blind (DB) treatment period*			2.5 mg Cross over** (N=38)
	45 → 180 mg (N=28)	90 → 180 mg (N=42)	120 → 180 mg (N=43)	
Any TEAE	20 (71.4)	34 (81.0)	32 (74.4)	34 (89.5)
Any serious AE	3 (10.7)	3 (7.1)	4 (9.3)	1 (2.6)
TEAE leading to permanent treatment discontinuation	0	2 (4.8)	2 (4.7)	1 (2.6)
Nausea	6 (21.4)	11 (26.2)	7 (16.3)	19 (50.0)
Vomiting	4 (14.3)	9 (21.4)	8 (18.6)	7 (18.4)
Diarrhea	6 (21.4)	14 (33.3)	6 (14.0)	15 (39.5)
Constipation	6 (21.4)	9 (21.4)	3 (7.0)	13 (34.2)

*E-diary reporting is associated with an increase in the number of reported events.
** Cross over from placebo in the double-blind treatment period. Some GI events may be optimized by following dietary/healthy lifestyle during 36w before starting on aleniglipron.

ACCESS OLE Tolerability Improvement Supported by Start Low (2.5 mg) and Go Slow Titration Strategy



**E-diary reporting is associated with an increase in the number of reported events.*
*** Cross over from placebo in the double-blind treatment period. Some GI events may be optimized by following dietary/healthy lifestyle during 36w before starting on aleniglipron.*

Aleniglipron Continued to Demonstrate Favorable Off-Target Safety Results in ACCESS OLE

- No cases of drug-induced liver injury (DILI)
- No cases of ALT or AST $\geq 10\times$ upper limit of normal (ULN)
- All cases of elevated ALT and AST resolved without treatment discontinuation

N (%)	Arm in the ACCESS double-blind (DB) treatment period				Overall OLE N=151
	45 $\rightarrow$ 180 mg (N=28)	90 $\rightarrow$ 180 mg (N=42)	120 $\rightarrow$ 180 mg (N=43)	2.5 $\rightarrow$ 180 mg (N=38)	
ALT $\geq 3\times$ ULN	1 (3.6)	3 (7.1)	0	2 (5.3)	6 (4.0)
ALT $\geq 5\times$ ULN	0	1 (2.4)	0	1 (2.6)	2 (1.3)
ALT $\geq 10\times$ ULN	0	0	0	0	0
AST $\geq 3\times$ ULN	0	0	0	1 (2.6)	1 (0.7)
AST $\geq 5\times$ ULN	0	0	0	0	0
AST $\geq 10\times$ ULN	0	0	0	0	0
ALT or AST $\geq 3\times$ ULN and Total Bilirubin $\geq 2\times$ ULN	0	0	0	0	0

Global Phase 3 Clinical Trials Initiated

On track to complete enrollment by 1H 2027 and topline data in 2H 2028



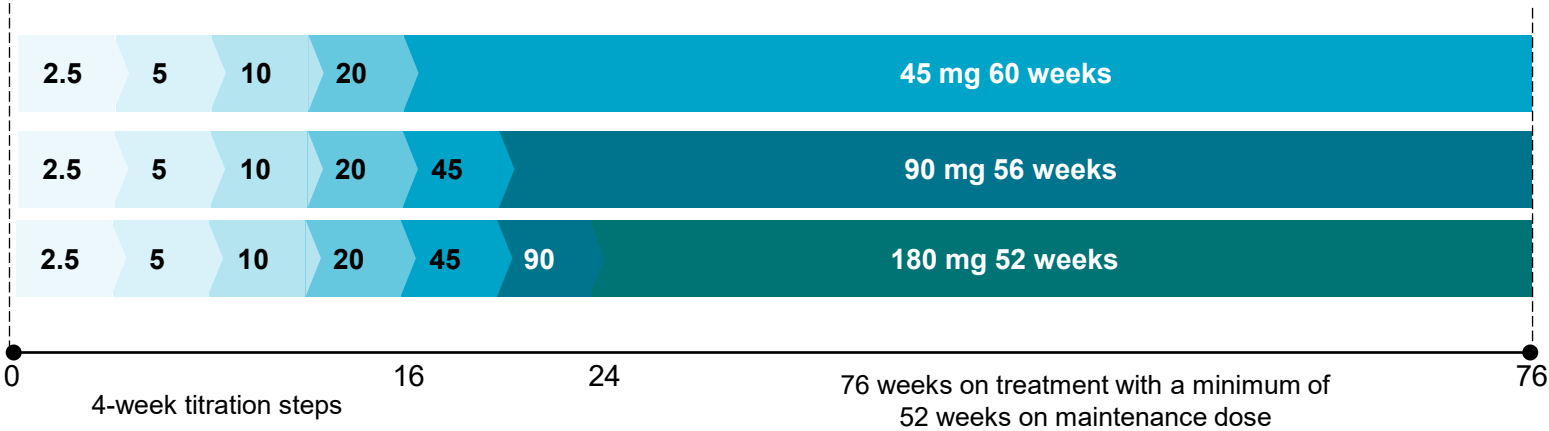
Chronic Weight Management in Adults with Obesity or Overweight and a Weight-related Comorbidity

Population	Sample Size
BMI ≥ 30 or ≥ 27 w/ ≥ 1 comorbidity HbA1c < 6.5%	N=3,600



Chronic Weight Management in Adults with Obesity or Overweight and Type 2 Diabetes Mellitus

Population	Sample Size
BMI ≥ 27 HbA1c ≥ 6.5%	N=1,100



Primary objective:
Change in body weight (%) between aleniglipron and placebo.

Key secondary objectives:
Proportion achieving 5, 10 and 15% reduction in body weight, change in waist circumference, quality of life.

Advancing Aleniglipron as a Potential Best-in-Class Oral GLP-1



Phase 2 Evidence

- **Comprehensive Phase 2 data** package
- **Highest efficacy** of any oral small molecule at 72 weeks to-date
- **>800 participants** treated across all studies up to 72 weeks

Phase 3 Design

- **Clinical trial design** informed by the key success factors identified to date
- **Aligned** Phase 3 program with FDA and EMA and clear path to registration
- Evaluating **~4,700** participants in **registrational Phase 3 clinical trials**

Flawless Execution

- **Recruit to retain:** Optimize retention strategies and build on Phase 2 site engagement
- **Embed quality by design:** Focus on quality and data integrity

Building a Leading Oral Small Molecule Obesity Portfolio for Broad Access

Raymond Stevens



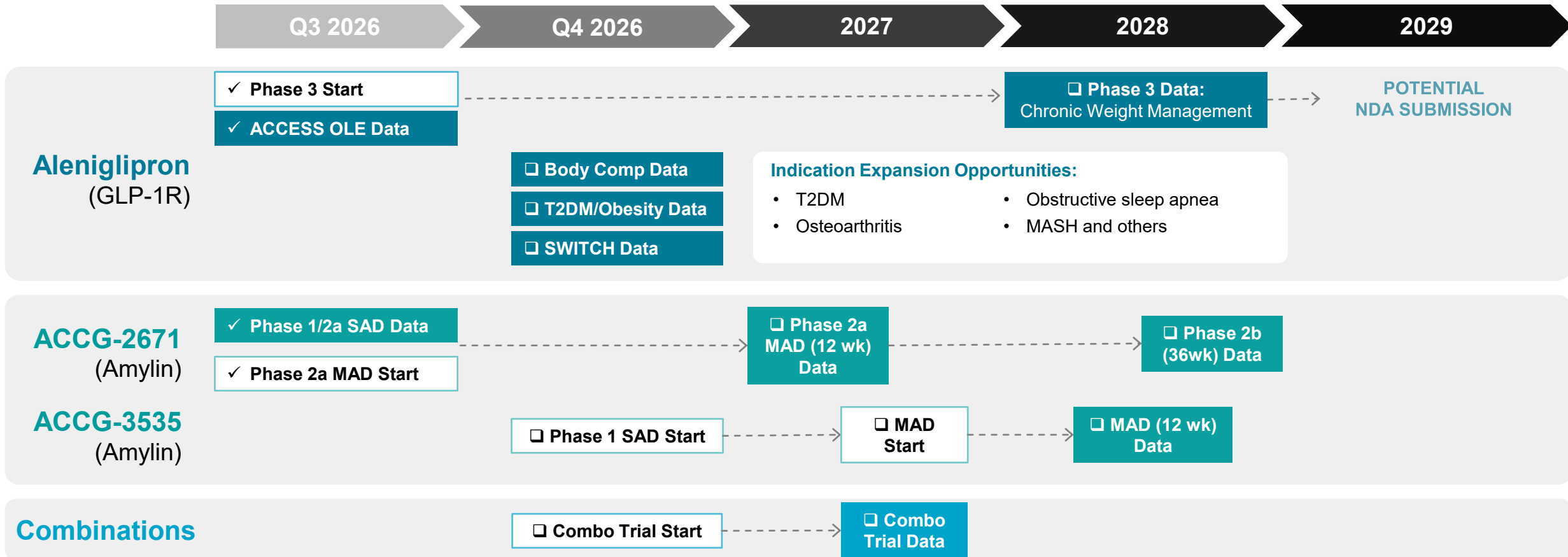
2026: A Transformational Year for Structure Therapeutics

Discovery and Development of Oral Small Molecule Portfolio for Chronic Weight Management

Program	Molecule(s)	Study / Focus	Discovery	Lead Optimization	IND-enabling/ DC	Phase 1	Phase 2	Phase 3
Selective GLP-1 Receptor Agonist Backbone	Aleniglipron (GSBR-1290)	ACCOMPLISH-1						
		ACCOMPLISH-2						
		ACCESS OLE						✓
		ACCESS II						✓
		Diabetes/Obesity						
		Body Composition						
		SWITCH						
Amylin Receptor Agonists Backbone	Amylin	ACCG-2671 (DACRA)						
		ACCG-3535 (DACRA)						
		SARA						
Combinations	GLP-1RA + Amylin	GLP-1RA + Amylin						
	Backbone + GIPR	GLP-1RA + GIPR Amylin + GIPR						
	Backbone + GCGR	Backbone + GCGR Backbone + GIPR + GCGR						

Building the Future of Oral Chronic Weight Management Medicines: Anticipated Milestones and Catalysts

~\$1.3B in cash¹ expected to fund Aleniglipron Phase 3 program through 2028



Structure Therapeutics: Redefining Chronic Weight Management

Our Mission: **Making Medicines More Accessible to All.**



PATIENT JOURNEYS

Distinct needs, treatment goals and paths to care



MULTIPLE ORAL PRODUCT CANDIDATES

Advancing in clinical development



PATIENTS TO SERVE

Sustainable, long-term care for chronic weight management

Focused pipeline. Broad patient impact.

Our programs are advancing across distinct patient needs – supporting a long-term vision for chronic weight management.

Q&A

