



**Long-term Safety and Tolerability  
of Acoramidis (AG10) in  
Symptomatic Transthyretin  
Amyloid Cardiomyopathy: Updated  
Analysis from an Ongoing Phase 2  
Open-label Extension Study**

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CARDIOVASCULAR  
CARE** FOR YOU. FOR YOUR TEAM.  
FOR YOUR PATIENTS.

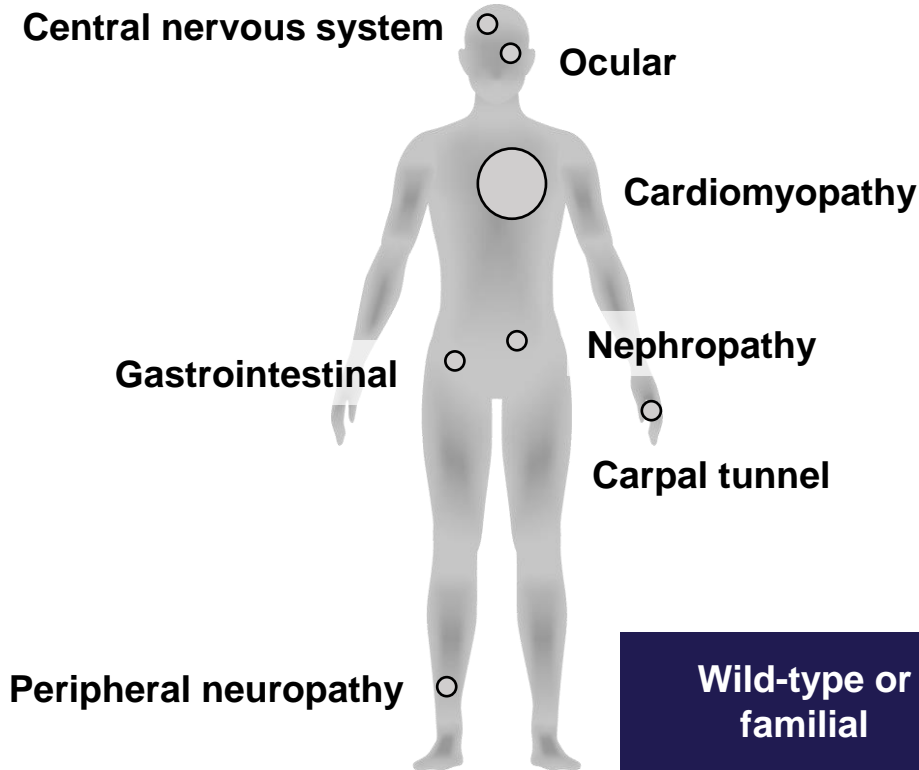


AMERICAN  
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# Transthyretin (TTR) amyloidosis cardiomyopathy (ATTR-CM) is an emerging diagnostic and treatment priority

ATTR is a systemic disease



Growing awareness of undiagnosed ATTR:

**10-13%** of heart failure with preserved ejection fraction<sup>1,2,3</sup>

**7%** of idiopathic bilateral carpal tunnel release<sup>4</sup>

**5%** of suspected hypertrophic cardiomyopathy\*<sup>5</sup>

ATTR pathogenesis and therapeutic strategies:

- Instability of the TTR tetramer promotes dissociation and aggregation as amyloid plaques<sup>6</sup>
- Available therapies include TTR tetramer stabilizers, TTR knockdown agents (neuropathy only), and transplant
- Stabilizing mutation (T119M) protects against ATTR and was the basis for development of acoramidis<sup>7</sup>

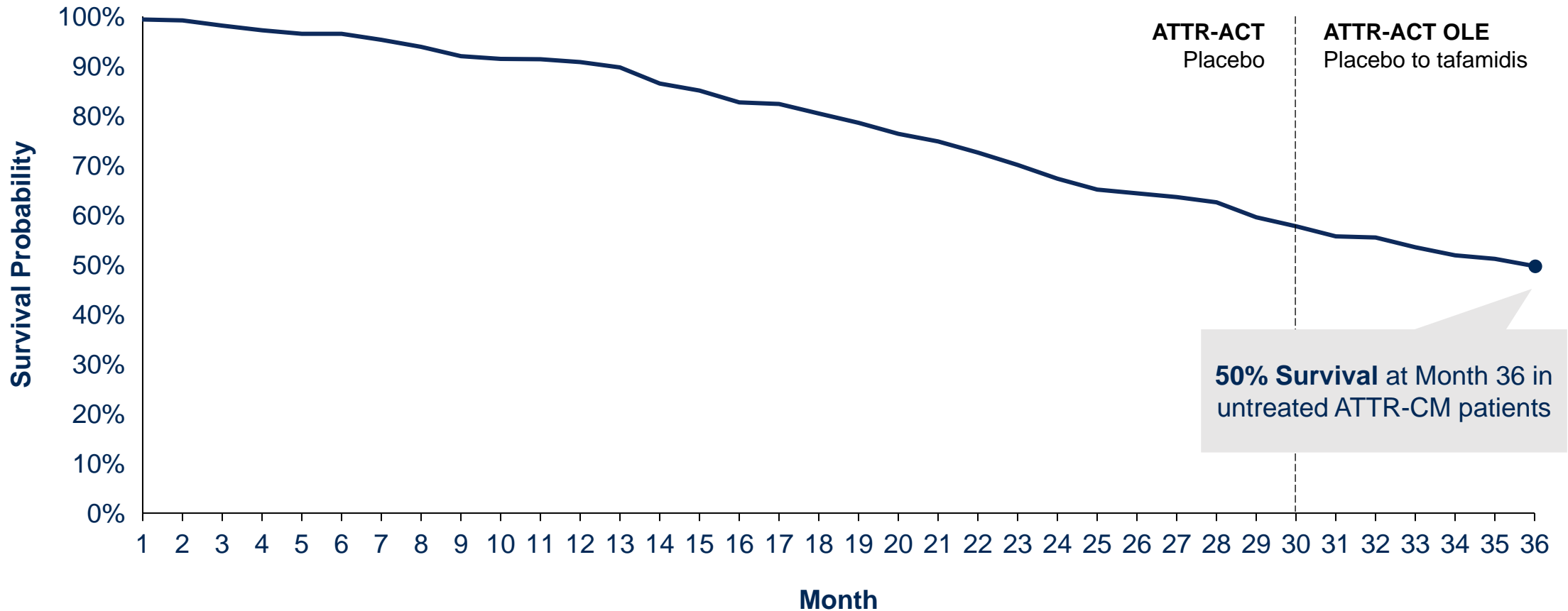
\*Mutant TTR only, <sup>99m</sup>Tc=Technetium-99m; TAVR=transcatheter aortic valve replacement.

References: 1. Gonzalez-Lopez E, et al. *Eur Heart J* 2015. 2. Mohammed SF, et al. *JACC: Heart Failure* 2014. 3. Hahn VS, et al. *JACC* 2020. 4. Sperry BW et al. *JACC* 2018. 5. Damy T, et al. *Eur Heart J* 2015. 6. Sant'Anna R, et al. *Sci Rep*. 2017;7(44709):1-15. 7. Coelho T, et al. *Neuromuscul Disord*. 1996;6(1):S20.

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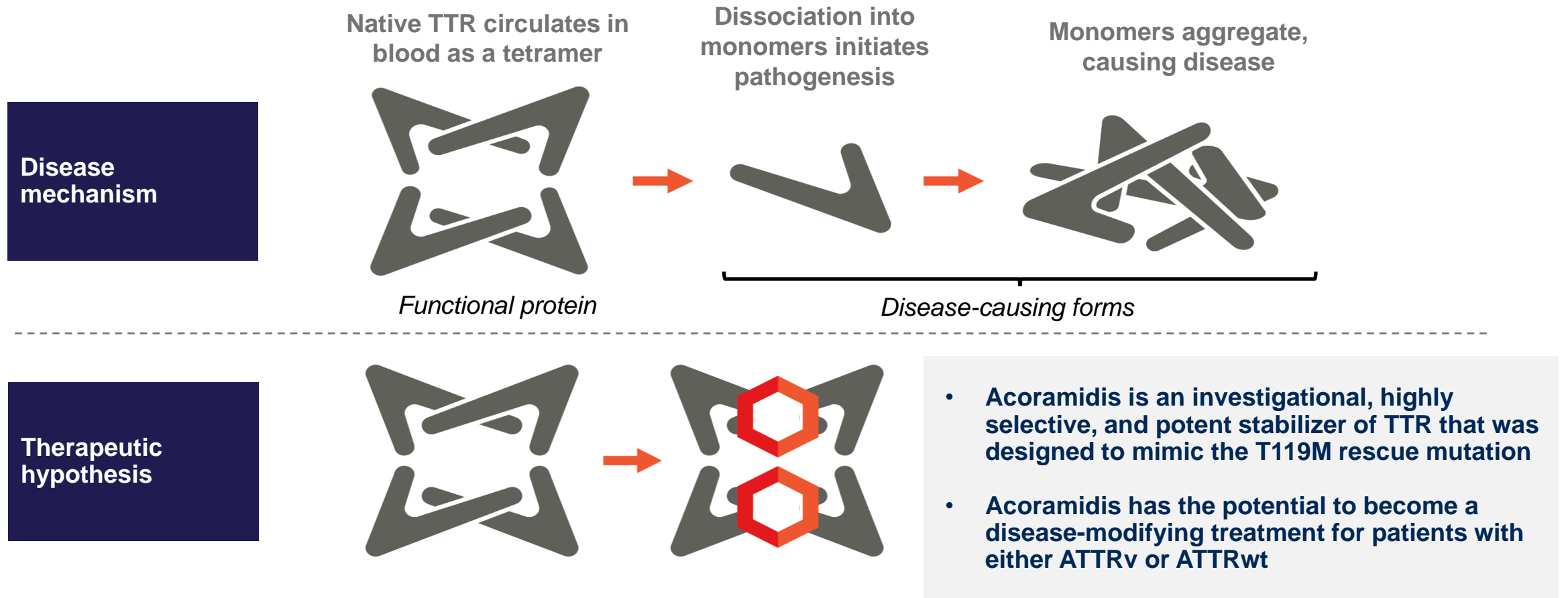


# ATTR-CM is a rapidly progressive and fatal disease



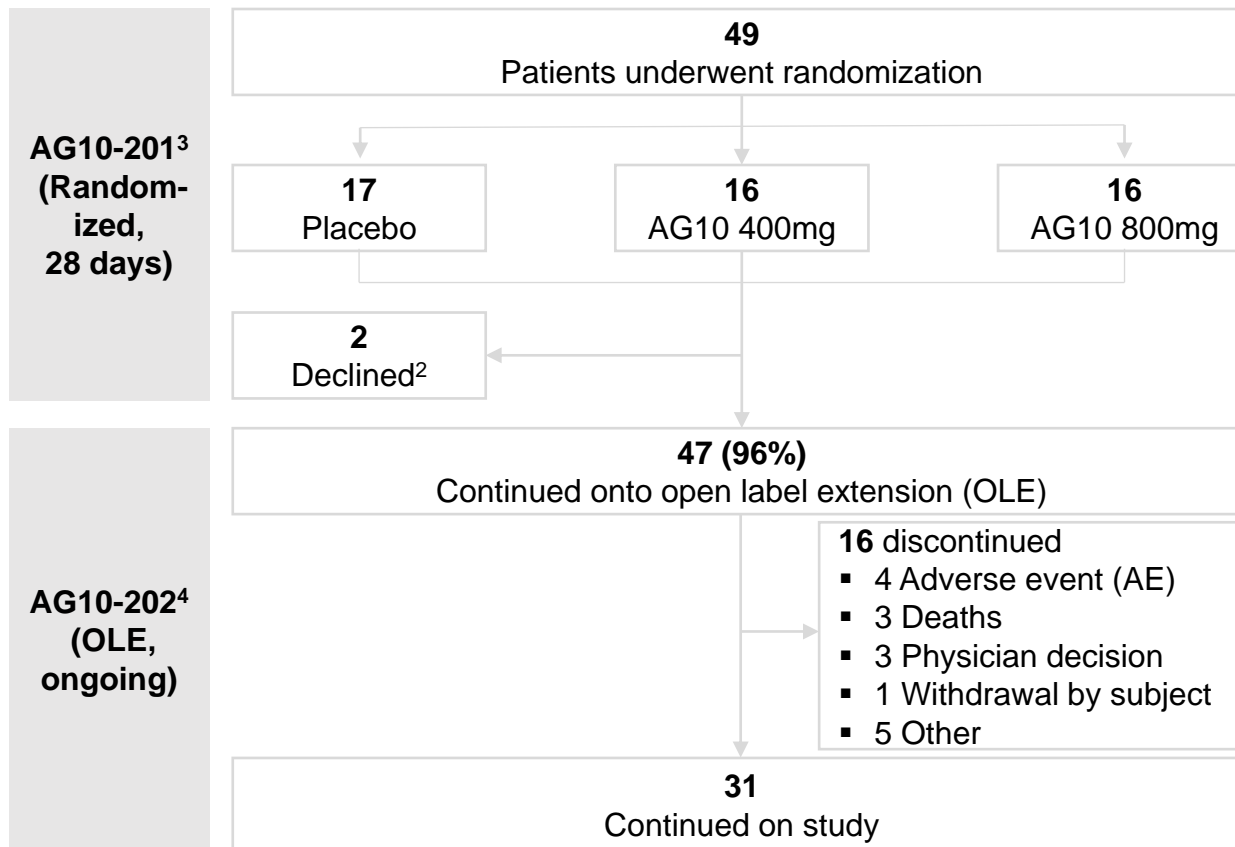


# Acoramidis was designed to mimic a naturally occurring TTR variant that protects carriers from ATTR development



# Acoramidis Phase 2 design

## Schematic of acoramidis Phase 2 as of August 31, 2021<sup>1</sup>



## Patient selection and objectives

### Selected inclusion criteria

- Established diagnosis of ATTR-CM
- NYHA class II or III symptoms
- ≥1 prior hospitalization for heart failure or clinical evidence of heart failure

### Primary and secondary objectives

- Safety and tolerability
- Pharmacokinetics
- Pharmacodynamics

- Consort diagram reflects status of participants as of August 31, 2021 or study discontinuation
- Overall, AEs with an outcome of death, cardiac transplant or transition to hospice were reported for 11 participants

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<sup>1</sup>Median 38 months from initial Phase 2 randomization. Median 35 months on open-label acoramidis

<sup>2</sup>Both declined participation due to geographical constraints regarding study visits.

<sup>3</sup>Clinicaltrials.gov identifier: NCT03458130

<sup>4</sup>Clinicaltrials.gov identifier: NCT03536767

# No safety signals of clinical concern identified in Phase 2 OLE

## Summary of treatment-emergent adverse events

Number of participants (%)

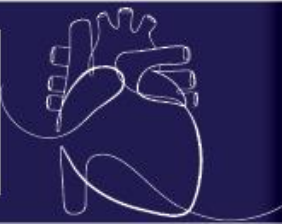
<b>Any treatment-emergent adverse event</b>	<b>47 (100)</b>
<b>Most common adverse events (≥ 9)</b>	
Fall	21 (44.7)
Acute kidney injury	12 (25.5)
Cardiac failure congestive	10 (21.3)
Arthralgia	9 (19.1)
Cardiac failure acute	9 (19.1)
Constipation	9 (19.1)
Dyspnea	9 (19.1)
Fatigue	9 (19.1)

## Summary of serious treatment-emergent adverse events

Number of participants (%)

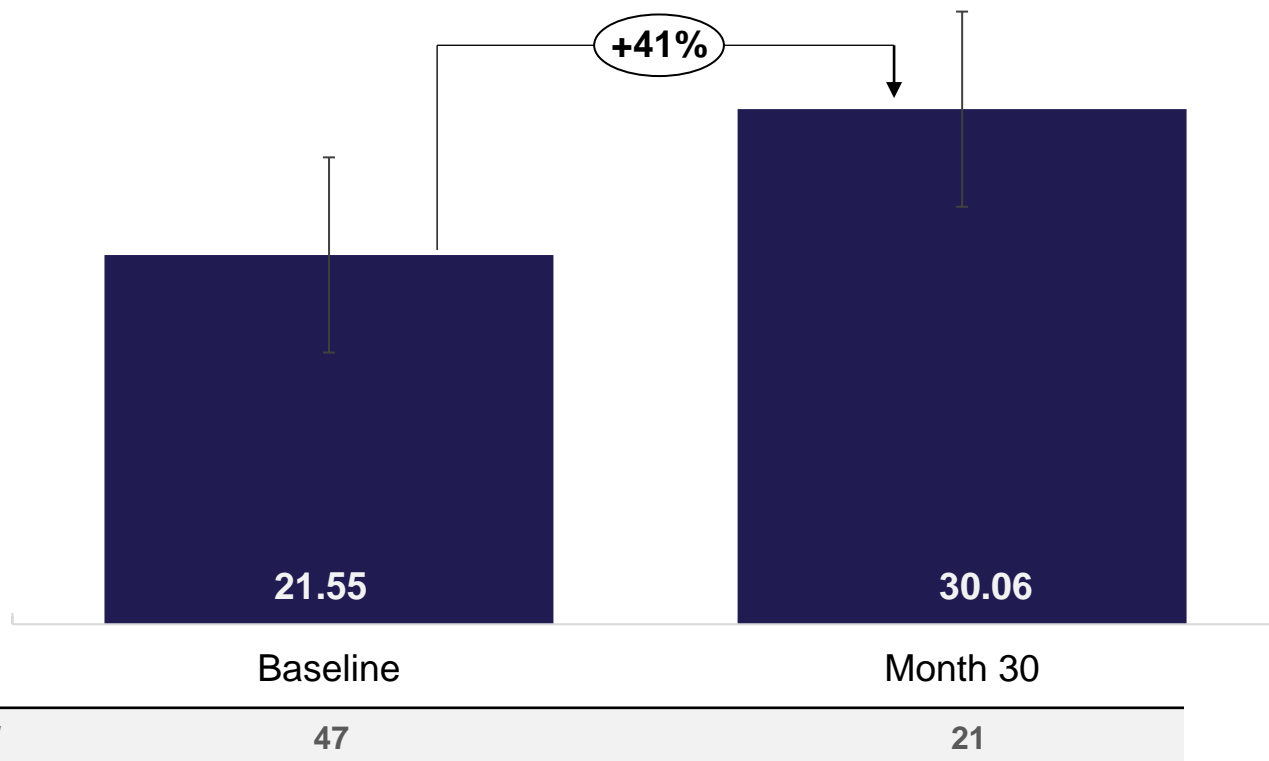
<b>Any serious treatment-emergent adverse event</b>	<b>31 (66.0)</b>
<b>Most common serious adverse events (≥ 4)</b>	
Cardiac failure acute	9 (19.1)
Acute kidney injury	7 (14.9)
Cardiac failure congestive	5 (10.6)
Fall	5 (10.6)
Cardiac failure	4 (8.5)
Cardiogenetic shock	4 (8.5)
Cardiorenal syndrome	4 (8.5)

**Acoramidis was generally well tolerated with a pattern of adverse events consistent with underlying disease, progression of disease, concurrent illnesses, and age of participants**

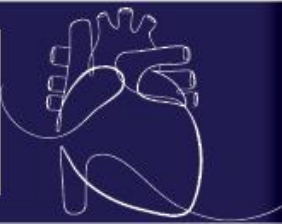
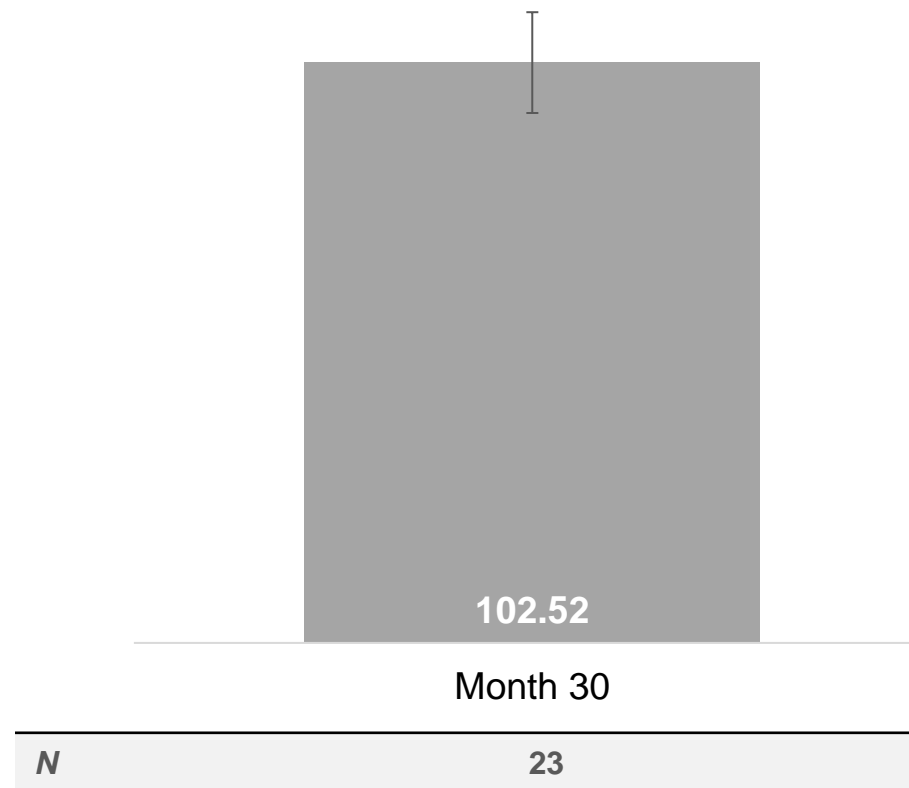


# Acoramidis increased serum TTR levels and provided near-complete TTR stabilization

**Serum TTR concentration**  
Mean +/- SD (mg/dL)



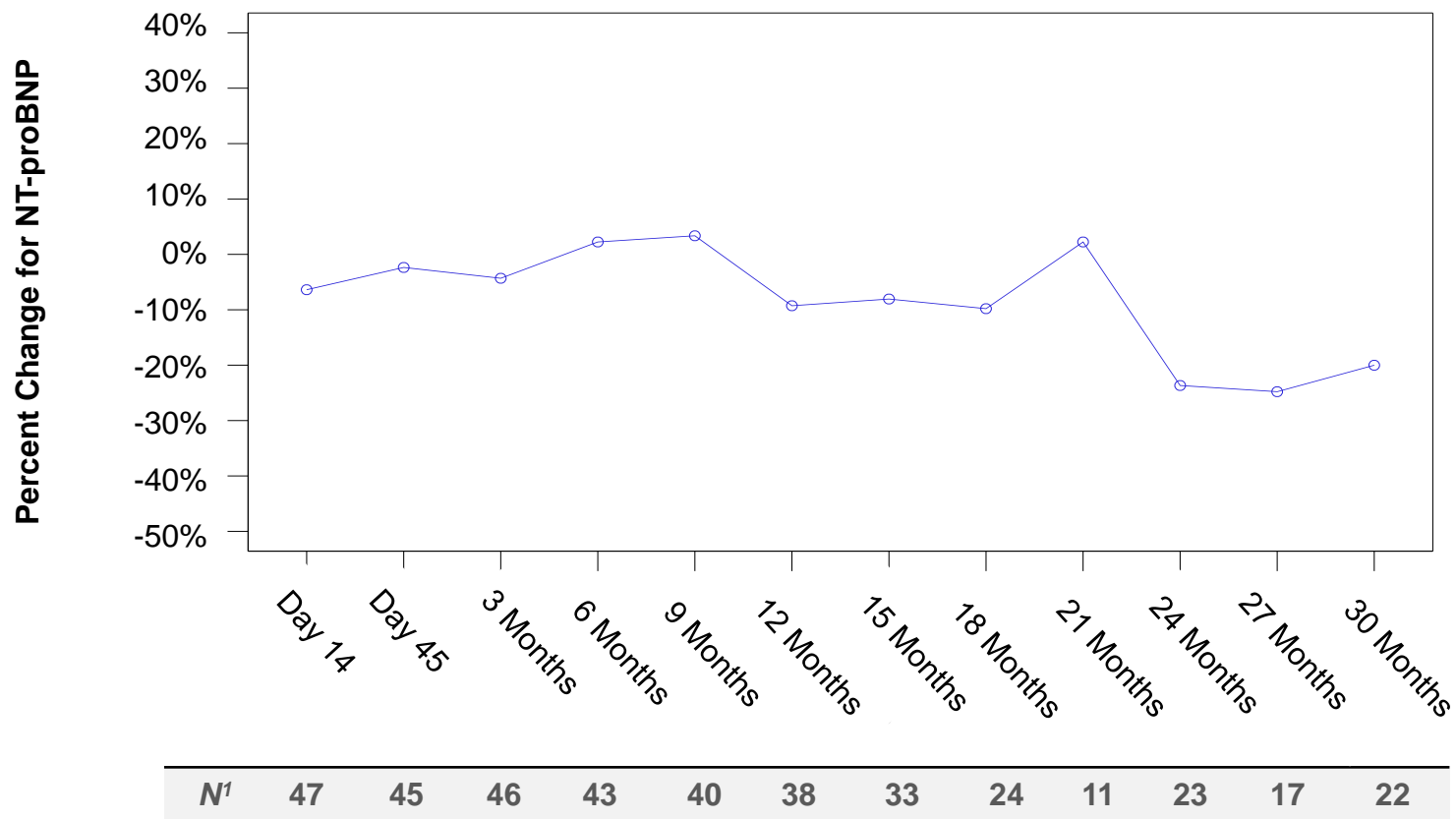
**TTR stabilization by FPE<sup>1</sup>**  
Mean +/- SD (%)





# Median NT-proBNP was stable or improving at all time points beyond Month 12

Median Change for NT-proBNP by Visit



- At Month 30, median change from baseline was -437 pg/mL [-950, 316]
- At Month 30, 15/22 (68%) participants had NT-proBNP levels below their baseline<sup>1</sup>





# Summary of acoramidis Phase 2 OLE results

1

## Safety and tolerability

- Adverse event profile consistent with baseline disease severity and progression
- No signals of concern observed with median participation of 38 months

2

## Cardiac biomarkers

- Sustained stabilization of TTR demonstrated by increased serum concentrations and ex vivo assays
- Median NT-proBNP was stable or declining at all time points beyond Month 12

**Phase 2 OLE data and ongoing participation through 3 years support further development of acoramidis in ATTR-CM; evaluation in a Phase 3 trial is ongoing (ATTRibute-CM)**



# ATTRibute-CM Phase 3 design includes primary endpoints at Month 12 and Month 30

## Key inclusion criteria

- Subjects with diagnosed ATTR-CM (WT or mutant)
- NYHA Class I-III
- ATTR-positive biopsy or <sup>99m</sup>Tc scan
- Light chain amyloidosis excluded if diagnosis by <sup>99m</sup>Tc

Screening and randomization

**12-month endpoints:**  
**Primary:** Change in 6MWD  
**Key secondary:** Change in KCCQ

**30-month endpoints:**  
**Primary:** Hierarchical composite including all-cause mortality and CV-related hospitalizations  
**Key secondary:** Change in 6MWD, KCCQ

**800 mg acoramidis twice daily**

N ~ 421

**Placebo twice daily**

N ~ 211

**800 mg acoramidis twice daily**

Part A

Part B  
Tafamidis usage allowed

Open-label extension

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6MWD = six-minute walk distance; <sup>99m</sup>Tc = Technetium labeled pyrophosphate (PYP); CV= cardiovascular; KCCQ = Kansas City Cardiomyopathy Questionnaire; NYHA = New York Heart Association.

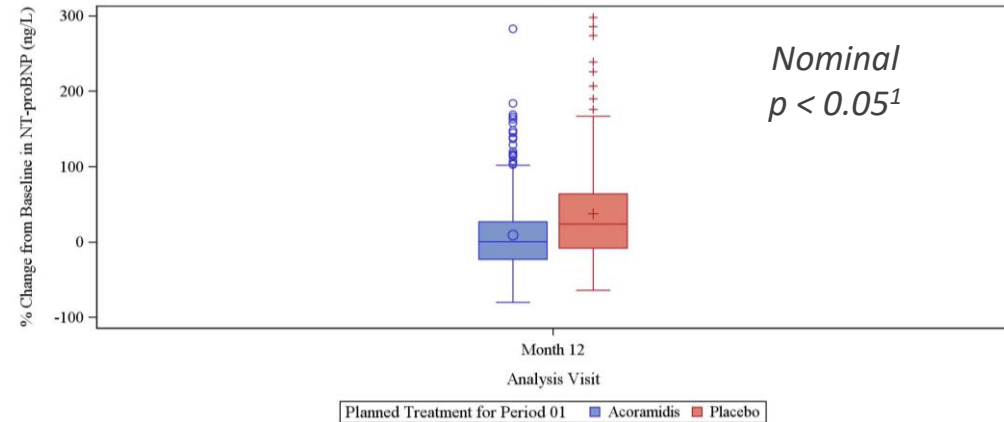
Source: Clinicaltrials.gov identifier: NCT03860935

# Summary of Month 12 results

Based on data available at Month 12, acoramidis demonstrated relative to placebo:

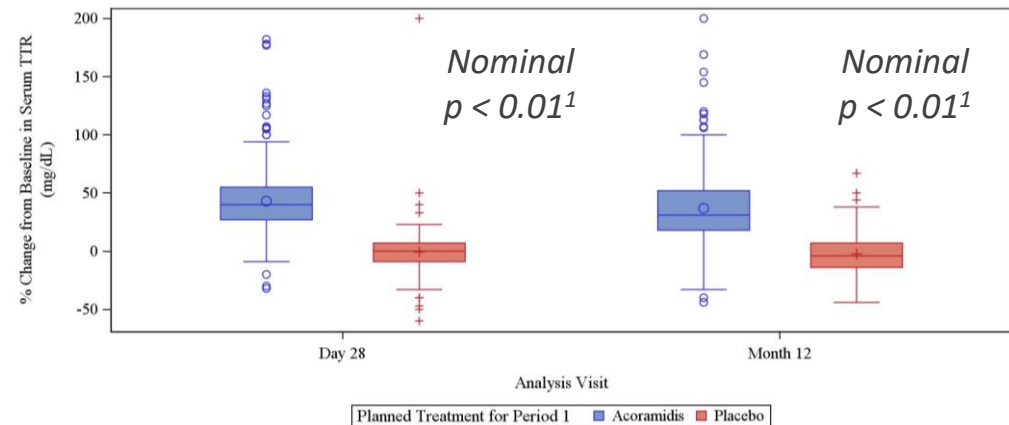
- No improvement in 6MWD
- ✓ Positive improvement in KCCQ-OS
- ✓ Positive reduction in NT-proBNP
- ✓ Positive improvement in serum TTR
- ✓ No safety signals of clinical concern

## Percent change from baseline in NT-proBNP<sup>2</sup>



Note: to facilitate a focused review of the vast majority of the data, outliers greater than 300% change from baseline are not included in this plot.

## Percent change from baseline in serum TTR<sup>2</sup>



Note: to facilitate a focused review of the vast majority of the data, outliers greater than 200% change from baseline are not included in this plot.

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Source: BridgeBio press release published 12/27/2021

<sup>1</sup>Inference analysis (p-value) based on absolute change from baseline between groups

<sup>2</sup> Modified intent-to-treat (mITT) population defined as all randomized subjects who have received at least one dose of IMP and have at least one post baseline efficacy evaluation. mITT population pre-specified to exclude subjects with baseline eGFR < 30 mL/min/1.73 m<sup>2</sup>

# Acknowledgements

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## Phase 2 investigators

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