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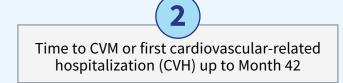
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OBJECTIVES

• To report diagnosis of transthyretin amyloid cardiomyopathy (ATTR-CM) at study entry based on technetium-99m (99mTc) scintigraphy and assess long-term efficacy of continuous acoramidis treatment data from the open-label extension (OLE) of ATTRibute-CM on prespecified secondary outcomes for:

> Time to cardiovascular mortality (CVM) up to Month 42



BACKGROUND

- ATTR-CM is a progressive cardiomyopathy resulting in substantial cardiovascular morbidity and mortality caused by destabilization of the transthyretin (TTR) tetramer¹
- Acoramidis is a highly selective, oral TTR stabilizer that achieves near-complete (≥90%) TTR stabilization and is approved in the USA, Europe, Japan, and UK for treating wild-type or variant ATTR-CM in adults²⁻⁵
- In the phase 3 ATTRibute-CM study, acoramidis achieved a 36% reduction in all-cause mortality (ACM) or first CVH, and a 42% reduction in ACM or recurrent CVH compared to
- In the OLE phase of ATTRibute-CM (NCT04988386), continuous acoramidis treatment led to a 36% risk reduction in ACM through Month 42 versus switching from placebo to acoramidis (p = 0.006) with no new safety outcomes⁸

METHODS

- Method of diagnosis of ATTR-CM was reported by enrolling sites at study entry
- OLE study design has been published and is shown in Figure 1
- CVM and CVH events were adjudicated by an independent clinical events
- CVM included cardiovascular-related death, cardiac mechanical assist device, and heart transplant
- CVH included cardiovascular hospitalizations (≥24 h) and urgent visits (<24 h) for decompensated heart failure requiring intravenous (IV) diuretics
- Time-to-event analyses (Kaplan-Meier by treatment group) were done using a stratified Cox proportional hazards model with treatment group as an explanatory factor and baseline 6-minute walk distance as a covariate, stratified by genotype, N-terminal pro-B-type natriuretic peptide (NT-proBNP) level, and estimated glomerular filtration rate, as recorded in the interactive voice/web response system

FIGURE 1. ATTRibute-CM OLE Study Design

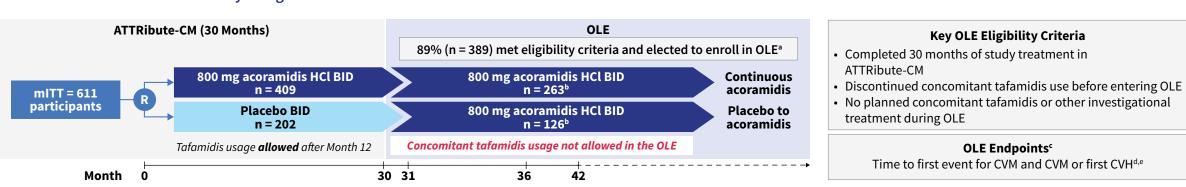


Figure adapted from: Judge DP, et al. Circulation 2025;151(9):601-611. (https://creativecommons.org/licenses/by/4.0/).

²11% elected not to enroll into the OLE (n = 49), most commonly due to desire to receive tafamidis after ATTRibute-CM. ^amITT analysis was continuous from the start of ATTRibute-CM into the OLE. For this study. ^aCox proportional hazards model. CVH was defined as a non-elective admission to an acute care setting for CVM that resulted in at least a 24-hour stay, or an unplanned visit to an emergency department/ward, urgent care clinic, or day clinic of fewer than 24 hours for the management of decompensated heart failure requiring treatment with an intravenous diuretic.

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ABBREVIATIONS: 99mTc: technetium-99m; ACM: all-cause mortality; ATTR-CM: transthyretin amyloid cardiomyopathy; BID: twice daily; CI: confidence interval; CVH: cardiovascular-related hospitalization;

CVM: cardiovascular mortality; **IQR:** interquartile range; **IV:** intravenous; **mITT:** modified intent-to-treat; NT-proBNP: N-terminal pro-B-type natriuretic peptide; NYHA: New York Heart Association; OLE: open-label extension; R: randomization; **SD:** standard deviation; **TTR:** transthyretin.

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CONCLUSIONS

- In ATTRibute-CM, 99mTc scintigraphy contributed to diagnosis in more than 75% of patients with ATTR-CM enrolled
- Acoramidis treatment administered for 42 months led to a 42% relative risk reduction in CVM compared with placebo to acoramidis treatment
- Acoramidis treatment administered for 42 months led to a 38% relative risk reduction in time to CVM or first CVH compared with placebo to acoramidis treatment, with a benefit observed as early as 3 months after treatment
- Findings demonstrate the long-term clinical benefits of acoramidis, a near-complete TTR stabilizer, for reducing CVM in ATTR-CM, as well as the importance of early treatment

RESULTS

Participants and Participant Characteristics

- Diagnosis of ATTR-CM in ATTRibute-CM was based on non-invasive means only (ie, 99mTc scintigraphy and serum testing for ruling out light-chain amyloidosis) in 75.9% (464/611) of study participants and by endomyocardial biopsy in 24.1% (147/611) of study participants
- Overall, 389 participants enrolled in the OLE and received open-label acoramidis, of whom 263 received continuous acoramidis and 126 switched from placebo to
- Participant characteristics of the treatment groups at entry into the OLE were mostly similar (**Table 1**)
- Participants in the placebo-to-acoramidis group had higher median NT-proBNP levels (2905 vs 2094 pg/mL) and a higher proportion of New York Heart Association (NYHA) Class III (35.7% vs 16.7%)

TABLE 1. Participant Characteristics at Entry Into the OLE

Participant Characteristics ^{a,b}	Continuous Acoramidis (n = 263)	Placebo to Acoramidis (n = 126)
Age, years, mean (SD) ^c	78.8 (6.50)	79.7 (6.33)
Male sex, n (%)	244 (92.8)	115 (91.3)
Wild-type ATTR-CM, n (%)d	242 (92.0)	120 (95.2)
ATTR-CM duration at randomization, de years	242 (32.0)	120 (33.2)
n	262	126
Mean (SD)	1.2 (1.10)	1.2 (1.29)
NYHA class, n (%) ^f		
l or ll	216 (82.1)	79 (62.7)
III	44 (16.7)	45 (35.7)
IV	3 (1.1)	1 (0.8)
NT-proBNP, pg/mL		
n	257	125
Median (IQR)	2094.0 (1247.0-3566.0)	2905.0 (1624.0-5166.0)
Serum TTR, mg/dL		
n	258	124
Mean (SD)	32.8 (6.22)	25.6 (6.53)
Participants who received tafamidis in the ATTRibute-CM study, n (%)	29 (11.0)	23 (18.3)

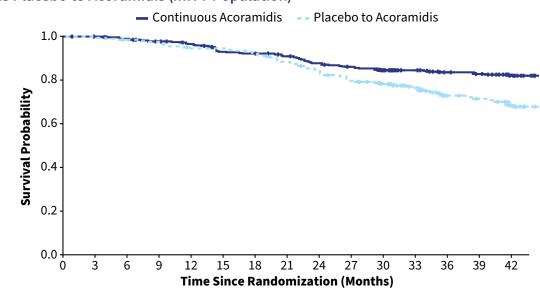
Table adapted from: Judge DP, et al. Circulation 2025;151(9):601-611. (https://creativecommons.org/licenses/by/4.0/) ^aData are for all participants who enrolled in the OLE and received at least one dose of open-label acoramidis. ^bBaseline values are the last non-missing assessment values completed before the first OLE acoramidis treatment. 'Age calculated rom the first OIF treatment date and date of hirth/age from 'Date of Birth' in the electronic case reno of randomization in ATTRibute-CM (not at OLE entry). Calculated as (randomization date – date of ATTR-CM diagnosis)/365.25. ^fData missing for one participant in the placebo-to-acoramidis group.

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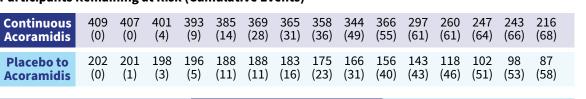
Time-to-Event Analysis of CVM

- At Month 42, CVM events (n = 126) constituted the majority (76.8%) of ACM events
- CVM through Month 42 occurred in 16.6% of patients in the continuous acoramidis group versus 28.7% in the placebo-to-acoramidis group (**Figure 2**)
- This corresponds to a 42.1% relative risk reduction for CVM in the continuous acoramidis group versus the placebo-to-acoramidis group

FIGURE 2. Continuous Acoramidis Reduced the Risk of CVM Through Month 42 Versus Placebo to Acoramidis (mITT Population)



Participants Remaining at Risk (Cumulative Events)



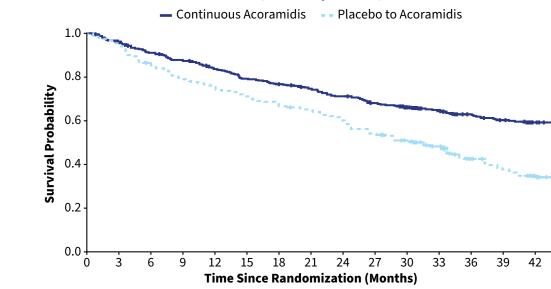
	Continuous Acoramidis (n = 409)	Placebo to Acoramidis (n = 202)	
CVM, n (%)	68 (16.6)	58 (28.7)	
Relative risk reduction	42.1%		
Hazard ratio (95% CI)	0.56 (0.389-0.791)		
<i>p</i> value	0.0011		

et al. Acoramidis improves clinical outcomes in patients with transthyretin amyloid cardiomyopathy: A post-hoc recurrent event analysis of ATTRibute-CM study. Presented at the Heart Failure Society of America Annual Scientific Meeting; September 27–30, 2024; Atlanta, GA, USA; 7. Judge DP, et al. Acoramidis reduces ACM and CVH: initial outcomes from the ATTRibute-CM open label extension study. Presented at the American Heart Association Scientific Sessions; November 18, 2024; Chicago, IL, USA; 8. Judge DP. et al. Circulation 2025:151(9):601-611.

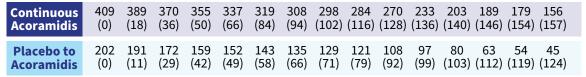
Time-to-Event Analysis of CVM or First CVH

- The composite endpoint of CVM or first CVH through Month 42 occurred in 38.4% of patients in the continuous acoramidis group versus 61.4% in the placebo-to-acoramidis group (**Figure 3**)
- Continuous acoramidis treatment demonstrated a 37.5% relative risk reduction compared with placebo to acoramidis

FIGURE 3. Continuous Acoramidis Reduced the Risk of CVM or First CVH Through Month 42 Versus Placebo to Acoramidis (mITT Population)



Participants Remaining at Risk (Cumulative Events)



	Continuous Acoramidis (n = 409)	Placebo to Acoramidis (n = 202)	
CVM, n (%)	157 (38.4)	124 (61.4)	
Relative risk reduction	37.5%		
Hazard ratio (95% CI)	0.54 (0.429-0.691)		
<i>p</i> value	< 0.0001		

DISCLOSURES: K.M.A. has acted as a consultant, advisor, speaker for Alexion, Alnylam, Arbor Biotechnologies, Bayer, BridgeBio Pharma (formerly Eidos Therapeutics), Novo Nordisk, and Pfizer. Disclosures for the rest of the authors may be found in the supplemental materials accessed via the QR code.