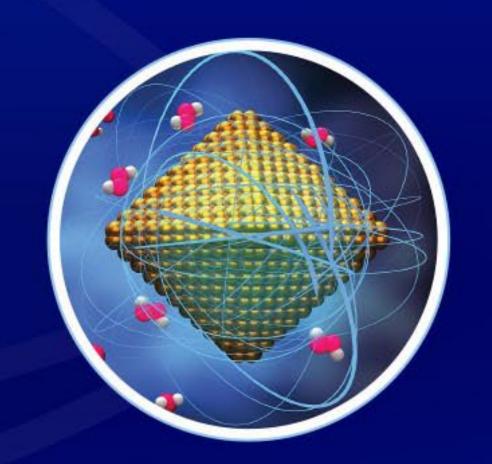


Forward Looking Statements

This presentation contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, which are intended to be covered by the "safe harbor" provisions created by those laws. Clene's forward-looking statements include, but are not limited to, statements regarding our or our management team's expectations, hopes, beliefs, intentions or strategies regarding our future operations. In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. The words "anticipate," "believe," "contemplate," "continue," "estimate," "expect," "intends," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "will," "would," and similar expressions may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking. These forward-looking statements represent our views as of the date of this presentation and involve a number of judgments, risks and uncertainties. We anticipate that subsequent events and developments will cause our views to change. We undertake no obligation to update forward-looking statements to reflect events or circumstances after the date they were made, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws. Accordingly, forward-looking statements should not be relied upon as representing our views as of any subsequent date. As a result of a number of known and unknown risks and uncertainties, our actual results or performance may be materially different from those expressed or implied by these forward-looking statements. Some factors that could cause actual results to differ include our substantial dependence on the successful commercialization of our drug candidates, if approved, in the future; our inability to maintain the listing of our common stock on Nasdaq; our significant net losses and net operating cash outflows; our ability to demonstrate the efficacy and safety of our drug candidates; the clinical results for our drug candidates, which may not support further development or marketing approval; actions of regulatory agencies, which may affect the initiation, timing and progress of clinical trials and marketing approval; our ability to achieve commercial success for our drug candidates, if approved; our ability to obtain and maintain protection of intellectual property for our technology and drugs; our reliance on third parties to conduct drug development, manufacturing and other services; our limited operating history and our ability to obtain additional funding for operations and to complete the licensing or development and commercialization of our drug candidates; the impact of the COVID-19 pandemic on our clinical development, commercial and other operations; changes in applicable laws or regulations; the effects of inflation; the effects of staffing and materials shortages; the possibility that we may be adversely affected by other economic, business, and/or competitive factors; and other risks and uncertainties set forth in "Risk" Factors" in our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q. In addition, statements that "we believe" and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this presentation, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and you are cautioned not to rely unduly upon these statements. All information in this presentation is as of the date of this presentation. The information contained in any website referenced herein is not, and shall not be deemed to be, part of or incorporated into this presentation.



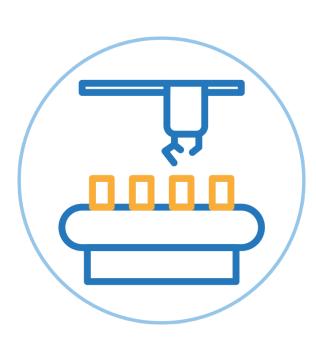
Focused on Improving Mitochondrial Health and Protecting Neuronal Function to Treat Neurodegenerative Diseases





THE PROBLEM

- The World Health Organization predicts
 neurodegenerative diseases will become the
 second-most prevalent cause of death within
 the next 20 years.
- A therapeutic breakthrough is urgently needed.
- In neurodegenerative diseases, impaired mitochondrial activity and compromised cellular metabolism can lead to neuronal death.



A NEW APPROACH

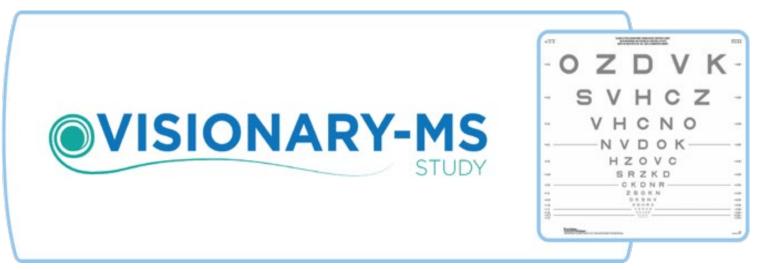
- Clene is pioneering catalytic nanotherapeutics to treat neurodegenerative diseases, such as amyotrophic lateral sclerosis, Parkinson's disease and multiple sclerosis.
- By targeting the improvement of mitochondrial function via the nicotinamide adenine dinucleotide pathway, Clene's first-in-class drug, CNM-Au8, is pioneering a new way to restore and protect neuronal function.



Building the Clinical Case for Neuroprotection & Remyelination











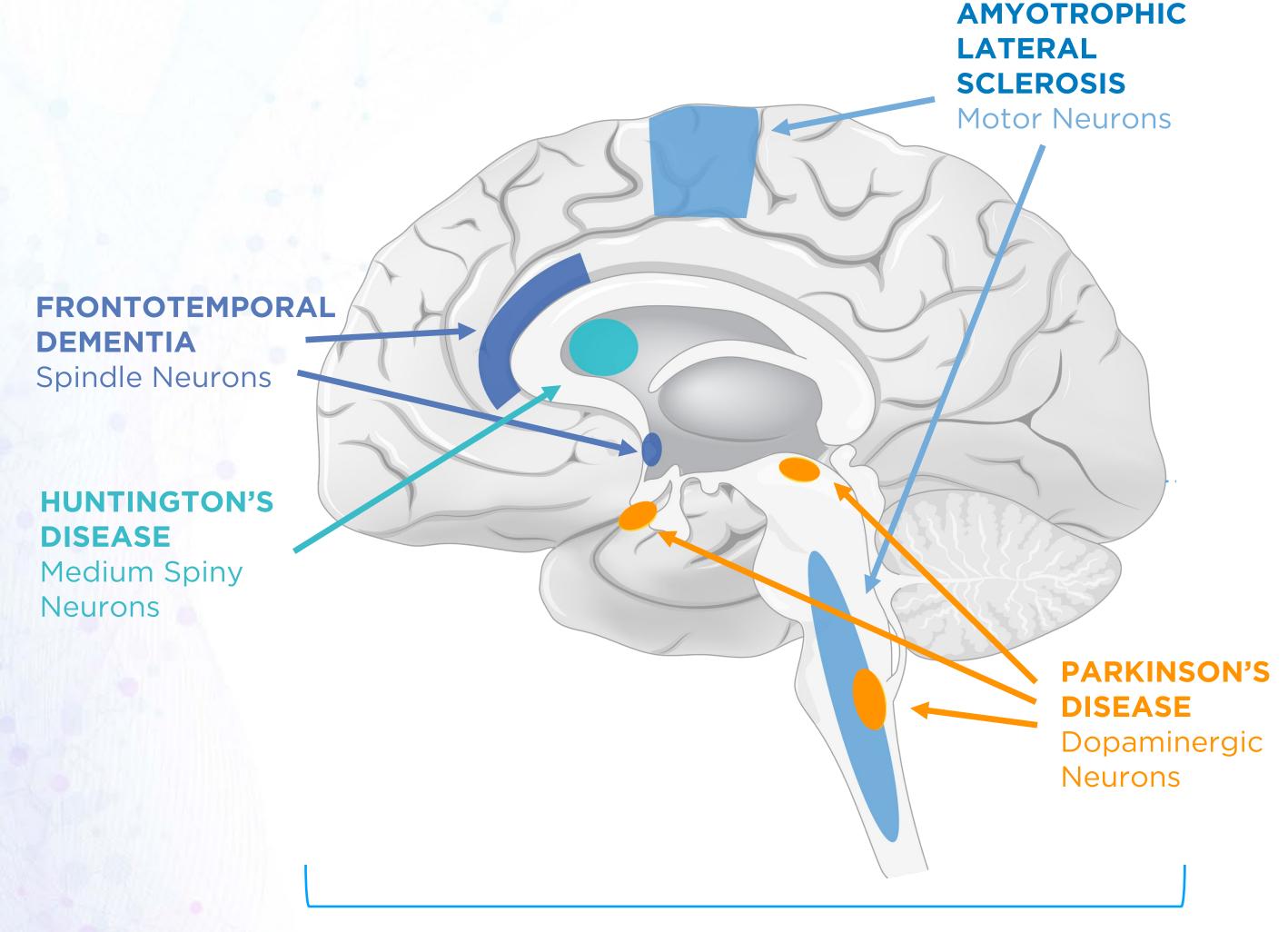
Growing Body of Clinical Evidence Across ALS and MS Supports CNM-Au8
Therapeutic Potential to Treat Neurodegenerative Diseases



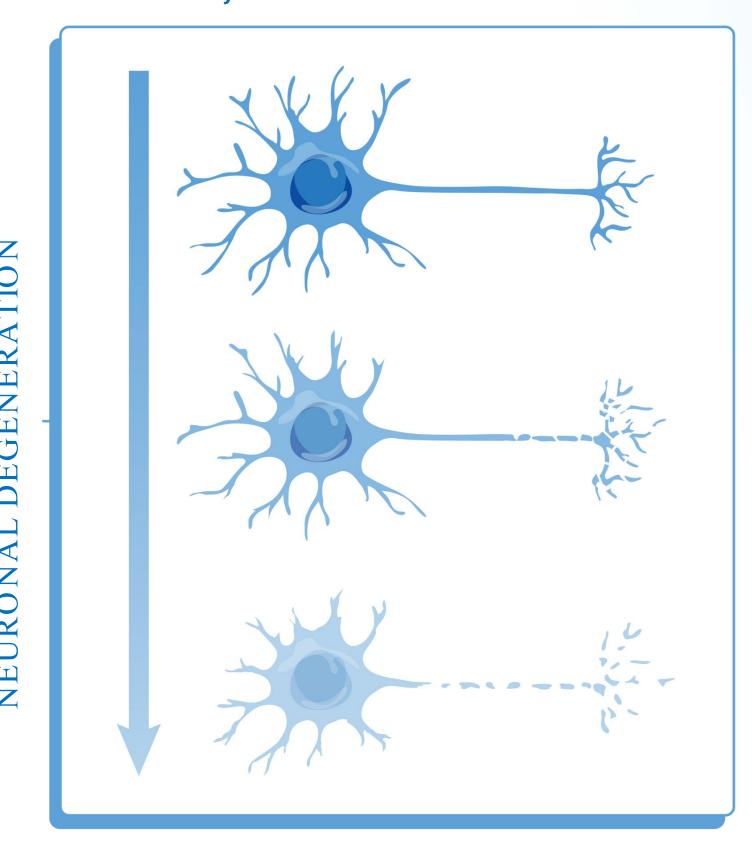
Proprietary Nanotherapeutic Manufacturing Strong IP: 150+ granted patents PLUS Trade Secrets



All Neurodegenerative Diseases Involve Neuronal Death



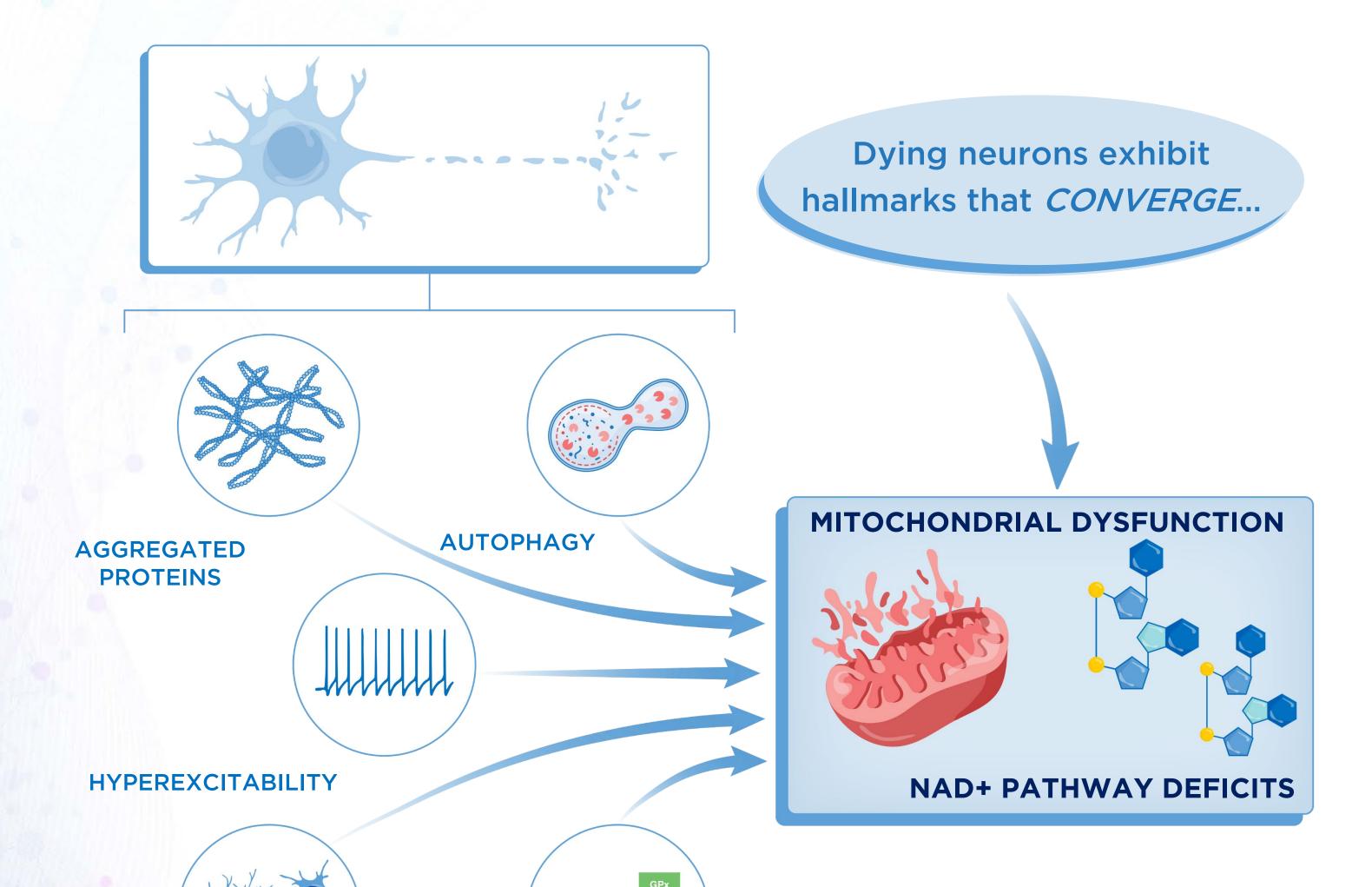
DEATH, INDEPENDENT OF SUBTYPE



MULTIPLE SCLEROSIS

Axonal Degeneration

Hallmarks of Neuronal Death Converge on *Mitochondrial Dysfunction* and *NAD+ Pathway Deficits*



REVIEW ARTICLE | FOCUS

nature neuroscience

Converging pathways in neurodegeneration, from genetics to mechanisms

Li Gan^{1,2*}, Mark R. Cookson ^{0,3*}, Leonard Petrucelli^{4*} and Albert R. La Spada^{5*}

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Cell Metab. 2019 October 01; 30(4): 630-655. doi:10.1016/j.cmet.2019.09.001.

NAD+ in Brain Aging and Neurodegenerative Disorders

Sofle Lautrup¹, David A. Sinciair^{2,3}, Mark P. Mattson⁴, Evandro F. Fang^{1,5,*}

¹Department of Clinical Molecular Biology, University of Oslo and Akershus University Hospital, 1478 Lørenskog, Norway

²Department of Genetics, Harvard Medical School, Boston, MA 02115, USA

³Department of Pharmacology, School of Medical Sciences, University of New South Wales, Sydney, NSW 2052, Australia

⁴Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA

5The Norwegian Centre on Healthy Ageing (NO-Age), Oslo, Norway

Abstract

NAD⁺ is a pivotal metabolite involved in cellular bioenergetics, genomic stability, mitochondrial homeostasis, adaptive stress responses, and cell survival. Multiple NAD⁺-dependent enzymes are involved in synaptic plasticity and neuronal stress resistance. Here, we review emerging findings that reveal key roles for NAD⁺ and related metabolites in the adaptation of neurons to a wide range of physiological stressors and in counteracting processes in neurodegenerative diseases, such as those occurring in Alzheimer's, Parkinson's, and Huntington diseases, and amyotrophic lateral sclerosis. Advances in understanding the molecular and cellular mechanisms of NAD⁺-based neuronal resilience will lead to novel approaches for facilitating healthy brain aging and for the treatment of a range of neurological disorders.

NAD+: nicotinamide adenine dinucleotide



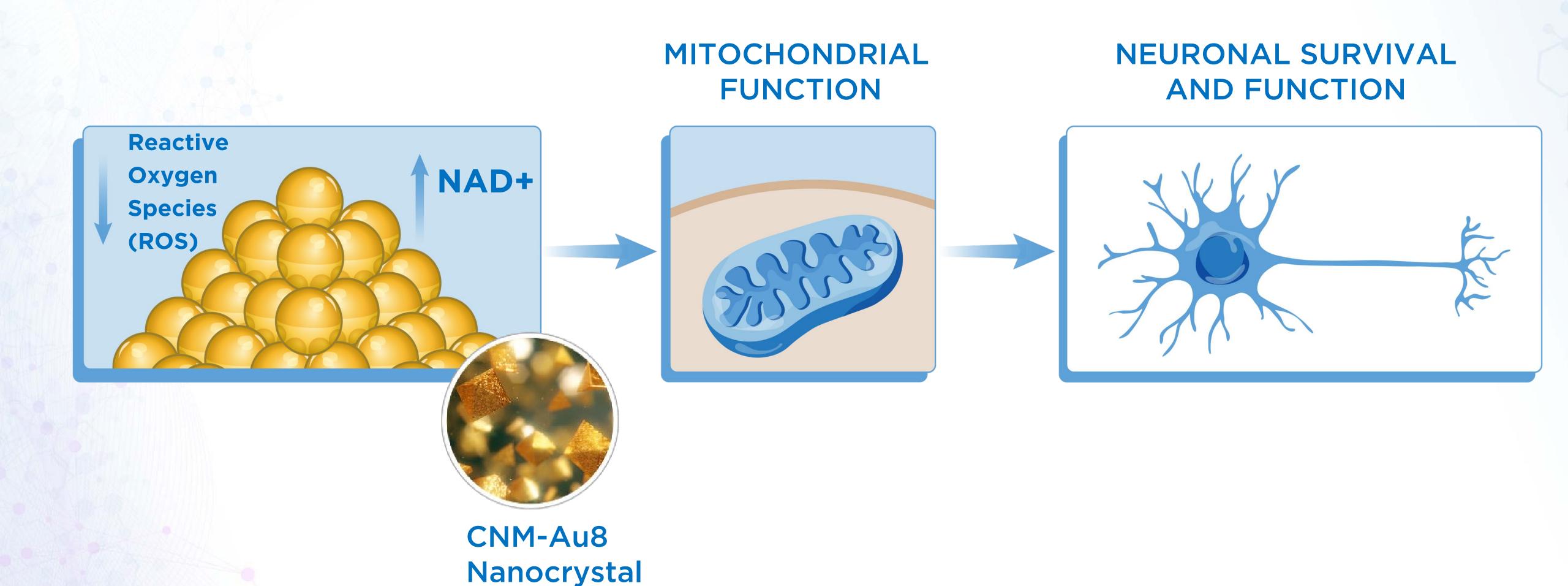
GLIAL ACTIVATION

INFLAMMATION

OXIDATIVE

STRESS

CNM-Au8® | Surface Catalysis Improves Mitochondrial Function





Catalysis

Over 600 Years of Subject Exposure Without Identified Safety Signals Across ALS, MS, and PD

Clean Toxicology Findings

All Animal Toxicology
Studies Resulted in
No-Adverse Effect Level
(NOAEL) Findings

- Multiple species up to 9-months treatment
- Up to maximum feasible dosing without any toxicology findings related to CNM-Au8

Well Tolerated Adverse Event (AE) Profile

Assessed
as Predominantly Mildto-Moderate Severity
and Transient

- No SAEs related to CNM-Au8
 considered severe, life threatening, or resulting in death
- <u>AEs transient/mild-to-moderate</u> severity (GI/Headache)

Patient Exposure Across ALS, MS & PD

Over 600 Years of Subject Exposure Without Identified Safety Signals

Long-term dosing experience
 over 4 years



Two REPAIR Trials Demonstrated Target Brain Engagement and Improved Energy Metabolism in Early PD and Stable Relapsing MS

Study Objective: Demonstrate target engagement & Blood-Brain penetration for CNM-Au8 on CNS biomarkers related to energetic effects in the brain using Magnetic Resonance Spectroscopy (³¹P-MRS)

Repair PD

Early Parkinson's Disease



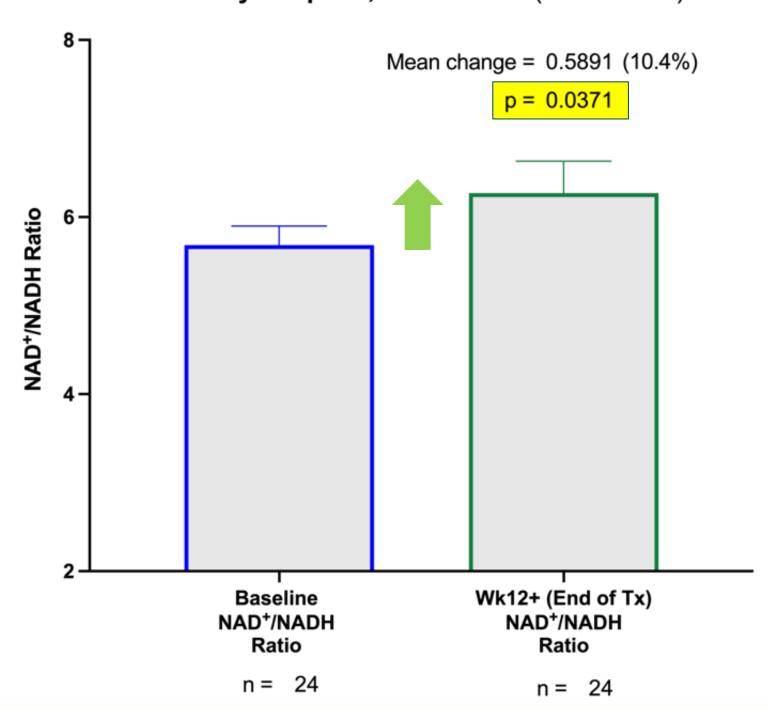


Results demonstrated a potentially meaningful 10% improvement in NAD+/NADH ratio, an essential molecule for energy production¹

1° Endpoint (integrated PD & MS)²

³¹P-MRS Change in Brain NAD⁺/NADH Ratio at End of Treatment
Partial Volume Coil; Ratio of NAD⁺/NADH (% Fraction of NAD⁺/ % Fraction NADH)

Primary Endpoint, Mean ± SEM (Paired t-test)

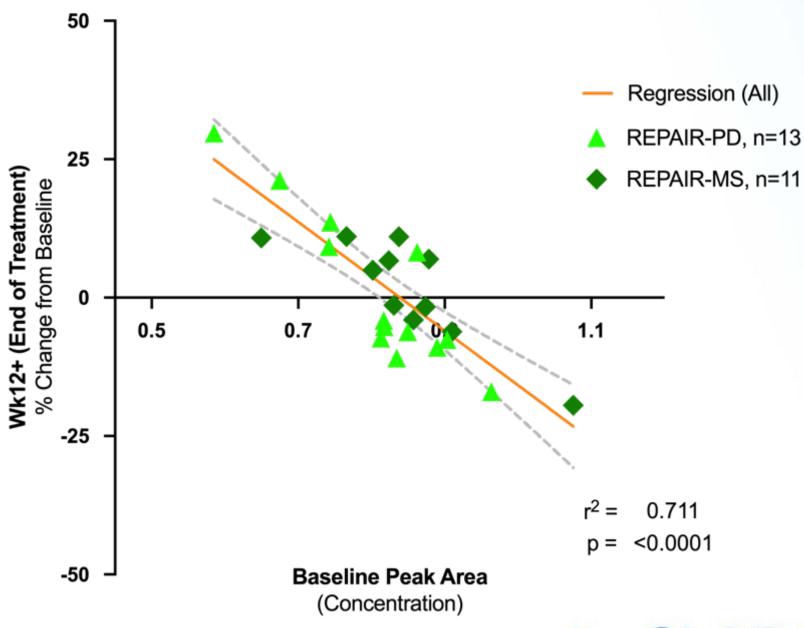


Exploratory

(ATP Normalization)

REPAIR Integrated Analysis 31 P-MRS Change in β -ATP at End of Treatment

Full Volume Coil ³¹P Signal Area (Integral) Exploratory Endpoint, Percent (%) Change vs. Baseline Value





Promising Evidence from Two Phase 2 Trials and Long-Term Data CNM-Au8 Demonstrated Survival, Delayed Clinical Worsening, and Preserved Function







| | RESCUE-ALS | RESCUE-OLE | HEALEY ALS Platform | HEALEY OLE | EAP |
|---------------------------------------|---|------------------------|--|-------------------------|-----------------------------------|
| ALS Patient Demographics | Early-to-Mid- Stage (45) | Early-to-Mid- Stage | Mid-to-Late- Stage (161 Regimen C) | Mid-to-Late- Stage | Real-World Experience (256) |
| Duration | 36-weeks | Up to 173 weeks | 24-weeks | Up to 133 weeks | Over 4.0 years |
| Survival | | | | PRO-ACT | |
| Delayed Time to Clinical Worsening | | | | Pending data 1Q 2024 | Not routinely collected |
| Preserved Function (ALSFRS-R) | | | | | |
| Progression Biomarkers | p75 trend | ↓ UCHL1 * | ✓ NfL ↓ | ✓ NfL ↓ | |
| Safety | >600 Years of Subject Exposure Without Identified Safety Signals Across ALS, MS, and PD | | | | |

Consistent Evidence for CNM-Au8 30mg Dose Across Broad ALS Patient Population



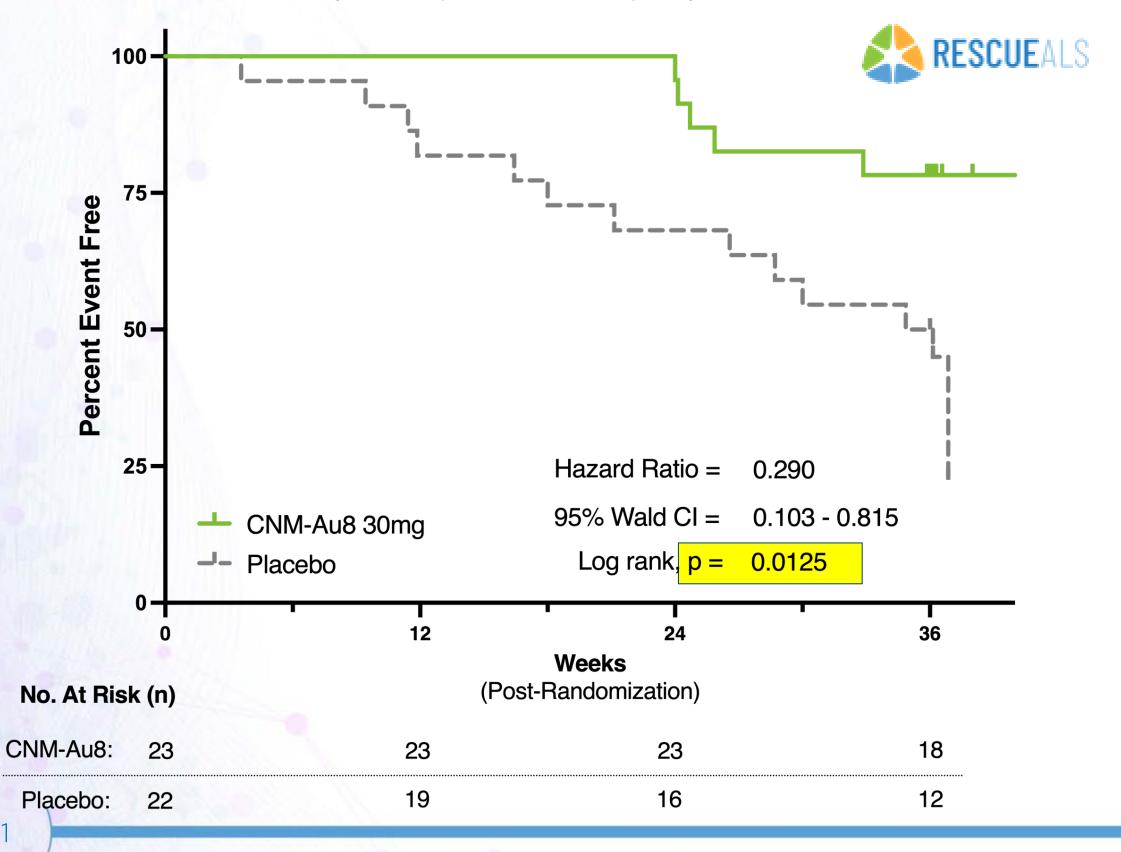
CNM-Au8 | Clinical Worsening Concordant in Two Phase 2 Trials

Evidence for Decreased Clinical Worsening Events Across Two Phase 2 Studies

Phase 2 RESCUE-ALS CNM-Au8 30mg
Decreased Time to Clinical Worsening

Time to ALS Clinical Worsening

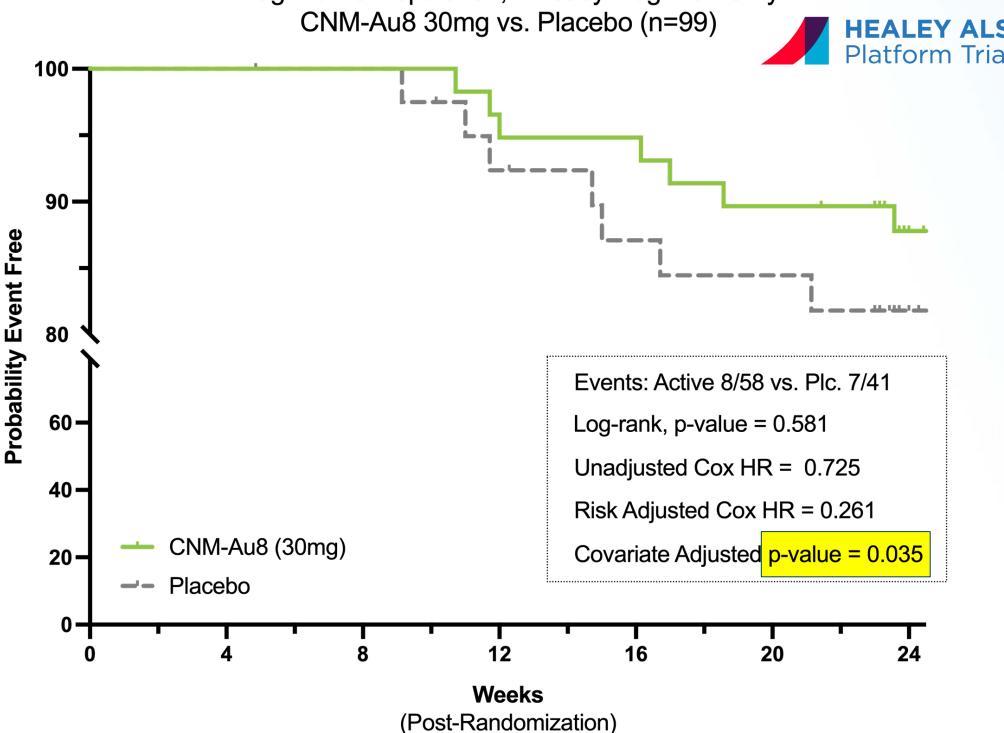
First Occurence of Death, Tracheostomy, Assisted Ventilation, or Feeding Tube ITT Population (All Randomized), Kaplan-Meier Estimate



Phase 2 HEALEY ALS Platform CNM-Au8 30mg
Decreased Time to Clinical Worsening

Time to Clinical Worsening | CNM-Au8 30mg First Occurence of Death, PAV, Tracheostomy or Feeding Tube

Regimen C Population, Efficacy Regimen Only





CNM-Au8 | ALS Survival at 30mg Concordant in Two Phase 2 Trials

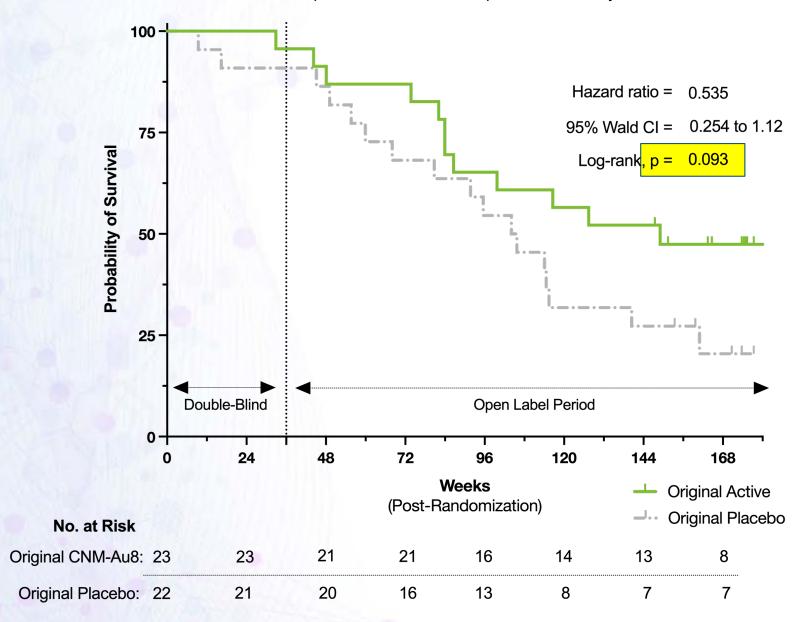


Up to 75% decreased risk of death through 168 weeks

Unadjusted Survival

10.1 Months Survival Difference

Overall Survival (All-Cause Mortality) RESCUE-ALS (24-month LPLV data cut), ITT Population (n=45) Proportion Event Free, Kaplan-Meier Analyses

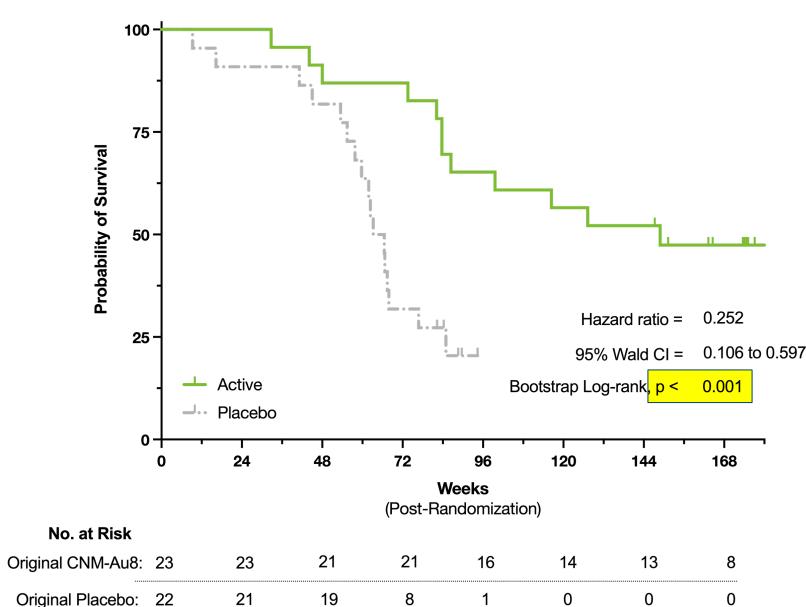


Cross-Over Adjusted Survival

Up to 19.3 Month Survival Benefit vs. Original Pbo

Cross-Over Adjusted Analysis of Survival

RESCUE-ALS (24-month LPLV data cut), ITT Population (n=45) RPSTFM, Proportion Event Free, Kaplan-Meier Analyses



RPSFTM (Rank Preserving Structural Failure Time Model) removes estimated benefit from cross-over to active treatment in ex-placebo participants

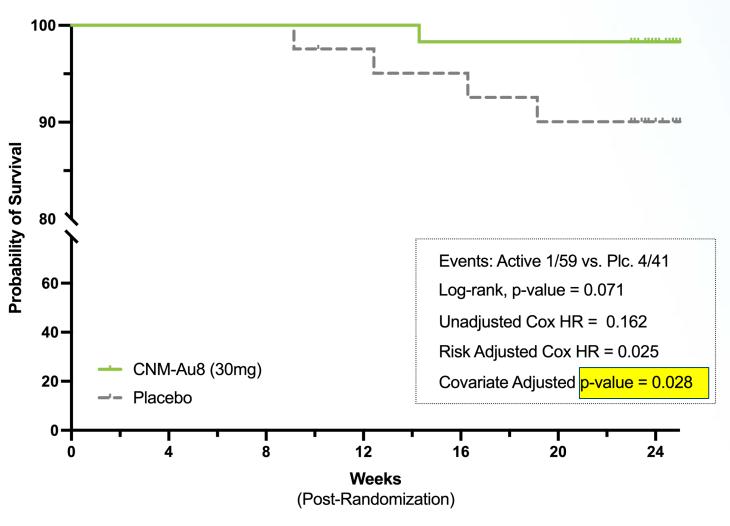


>90% risk reduction of death at 30mg at 24 weeks

Survival During Blinded Period

Time to Death or Death Equivalent (PAV) | CNM-Au8 30mg

HEALEY ALS Platform Trial | Kaplan-Meier Estimate Regimen C Population, Efficacy Regimen Only CMM-Au8 30mg vs. Placebo (n=100)





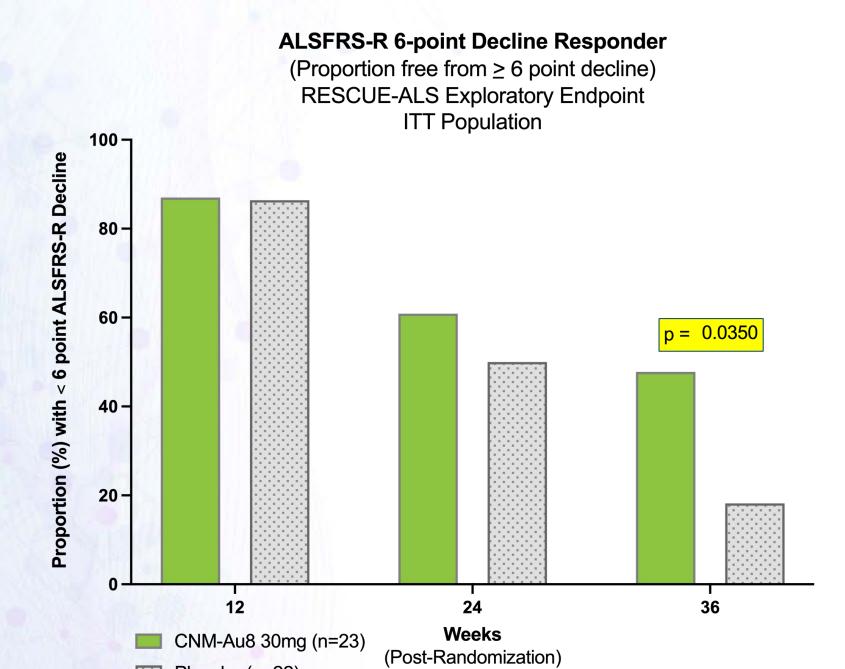


Improved Exploratory Endpoints: Patient Function, QOL, and Slowed Time to ALS Clinical Worsening

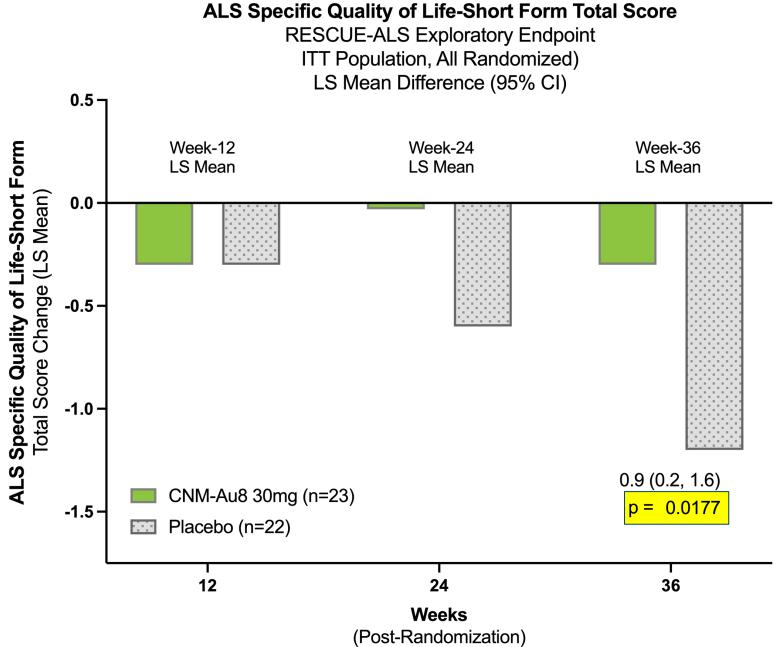
Phase 2 Study: 36-Week Placebo-Control Treatment Period 1:1 Randomization (Active 30 mg: Placebo);

N=45 enrolled with early ALS

Proportion with <6 point decline



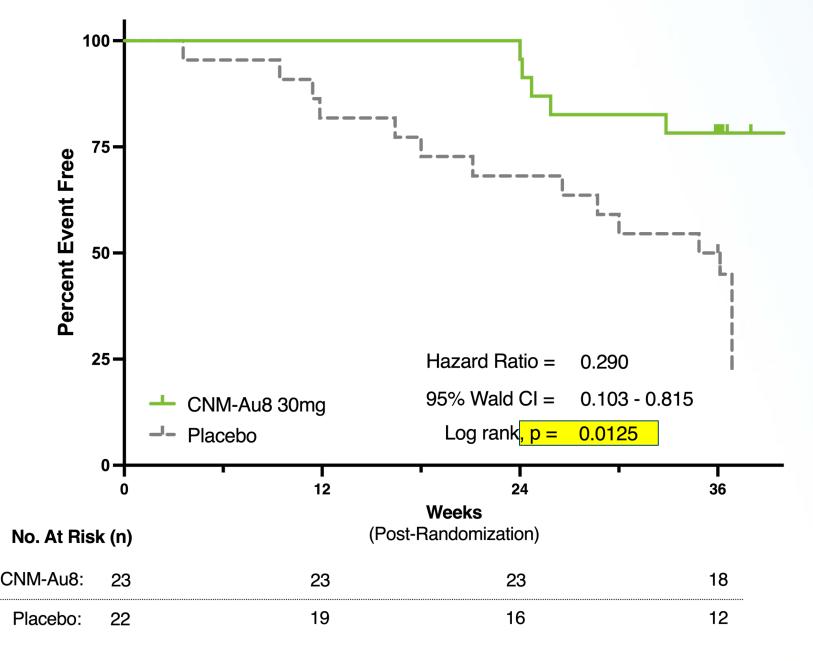
ALS Specific QOL



ALS Clinical Worsening *

Time to ALS Clinical Worsening

First Occurence of Death, Tracheostomy, Assisted Ventilation, or Feeding Tube ITT Population (All Randomized), Kaplan-Meier Estimate



Primary endpoint was not significant (Motor Unit Index Change at Week 36)



Placebo (n=22)



RESCUEALS OLE | 52% Reduced Risk of ALS Clinical Worsening



Death



Tracheostomy



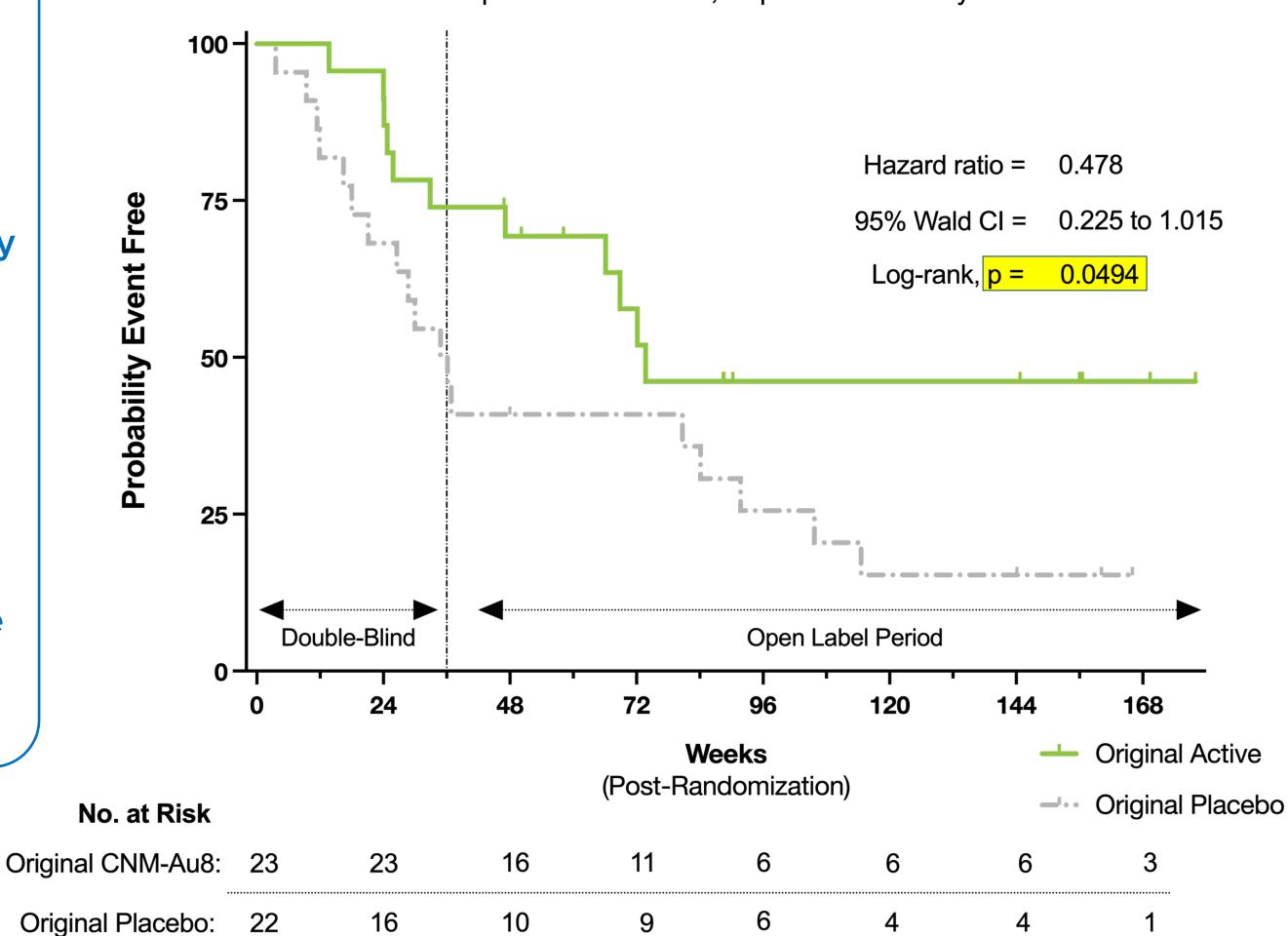
Non-Invasive Ventilation



Feeding Tube Placement

ALS Clinical Worsening Events

Time to Death, Tracheostomy, Assisted Ventilation, or Feeding Tube RESCUE-ALS Double-Blind & OLE Periods (24-month LPLV data cut) Proportion Event Free, Kaplan-Meier Analyses



52% decrease in risk of ALS clinical worsening for CNM-Au8 compared to placebo in OLE up to 168 weeks

Participants were right-censored at loss of follow-up with OLE withdrawal, as applicable

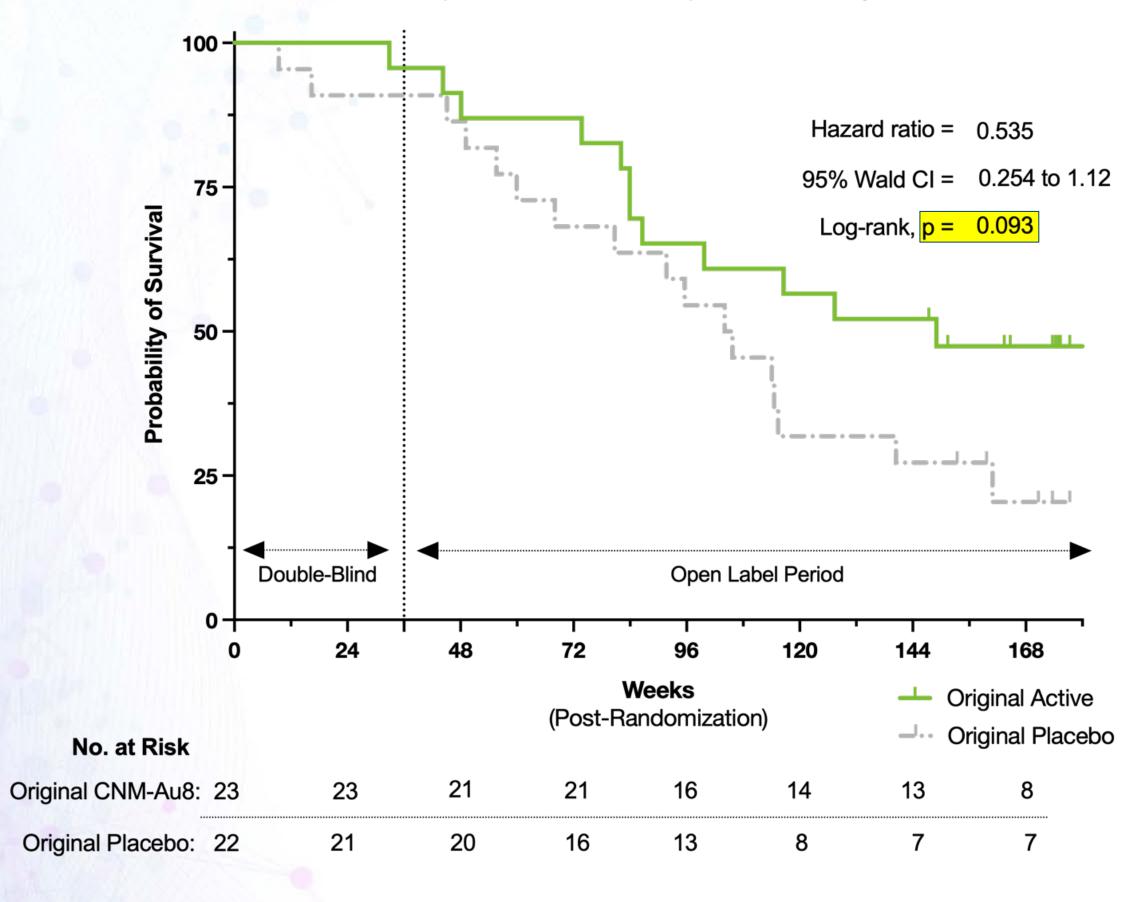




RESCUEALS Up to 19.3 Month Survival Benefit vs. Original Placebo

Unadjusted Survival Difference: 10.1 Months

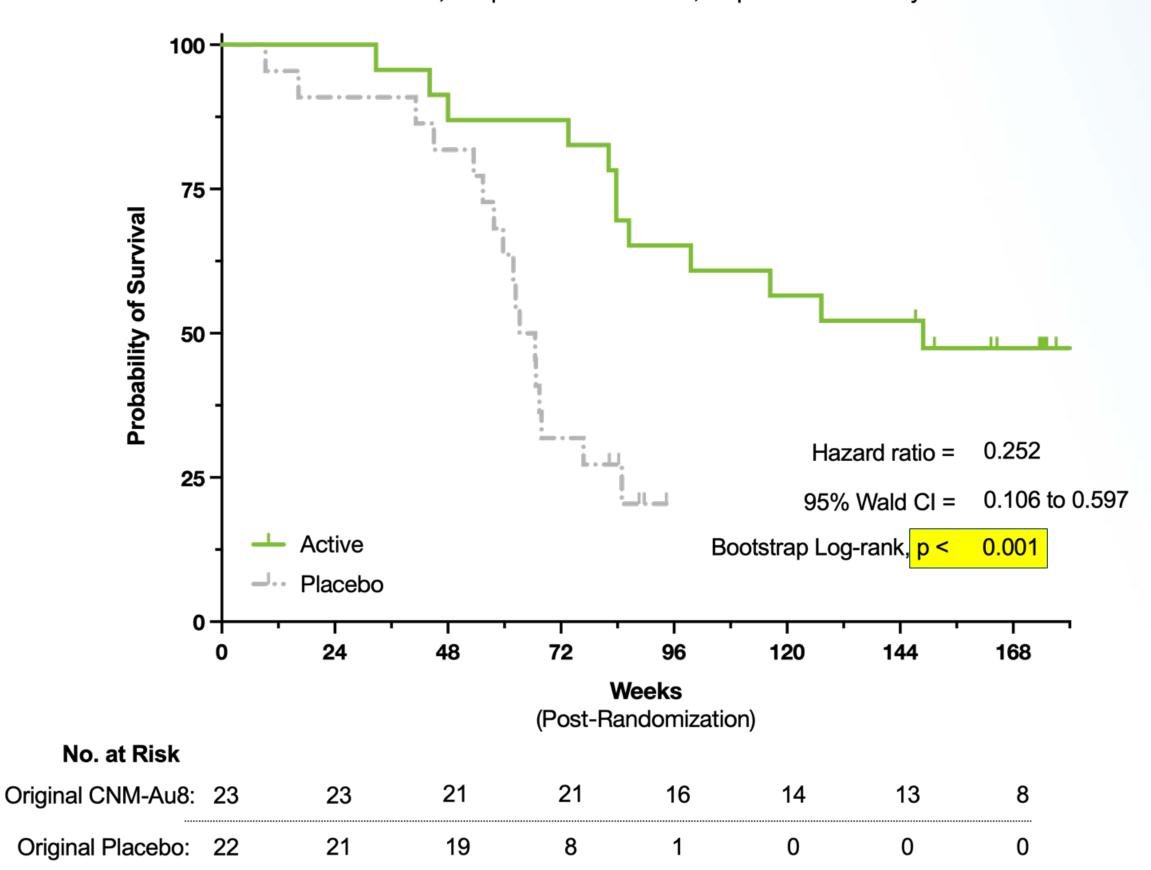
Overall Survival (All-Cause Mortality) RESCUE-ALS (24-month LPLV data cut), ITT Population (n=45) Proportion Event Free, Kaplan-Meier Analyses



Cross-Over Adjusted Survival Difference: 19.3 Months

Cross-Over Adjusted Analysis of Survival

RESCUE-ALS (24-month LPLV data cut), ITT Population (n=45) RPSTFM, Proportion Event Free, Kaplan-Meier Analyses



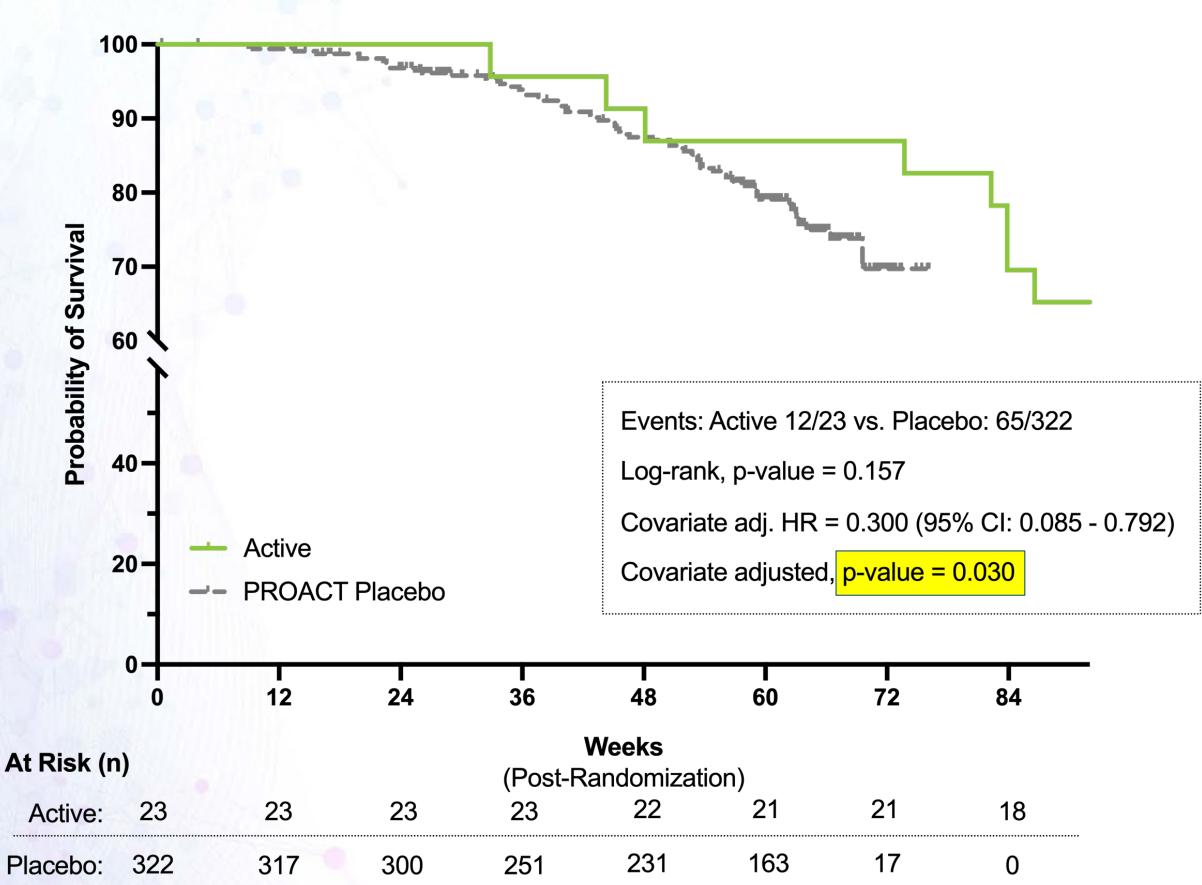
RPSFTM (Rank Preserving Structural Failure Time Model) subtracts the estimated benefit from cross-over to active treatment in ex-placebo participants



RESCUEALS Long-Term Survival Benefit Compared to Historical Matched PRO-ACT Placebo Controls

RESCUE-ALS Long-Term Survival

CNM-Au8 Observed Survival vs. PRO-ACT Matched Placebo Controls



CNM-Au8 treatment demonstrated a significant survival benefit:

- 70% decreased risk of death
- Follow-up of active compared to matched placebo from PRO-ACT

PRO-ACT contains approximately 12,000 patient records from multiple completed clinical trials.

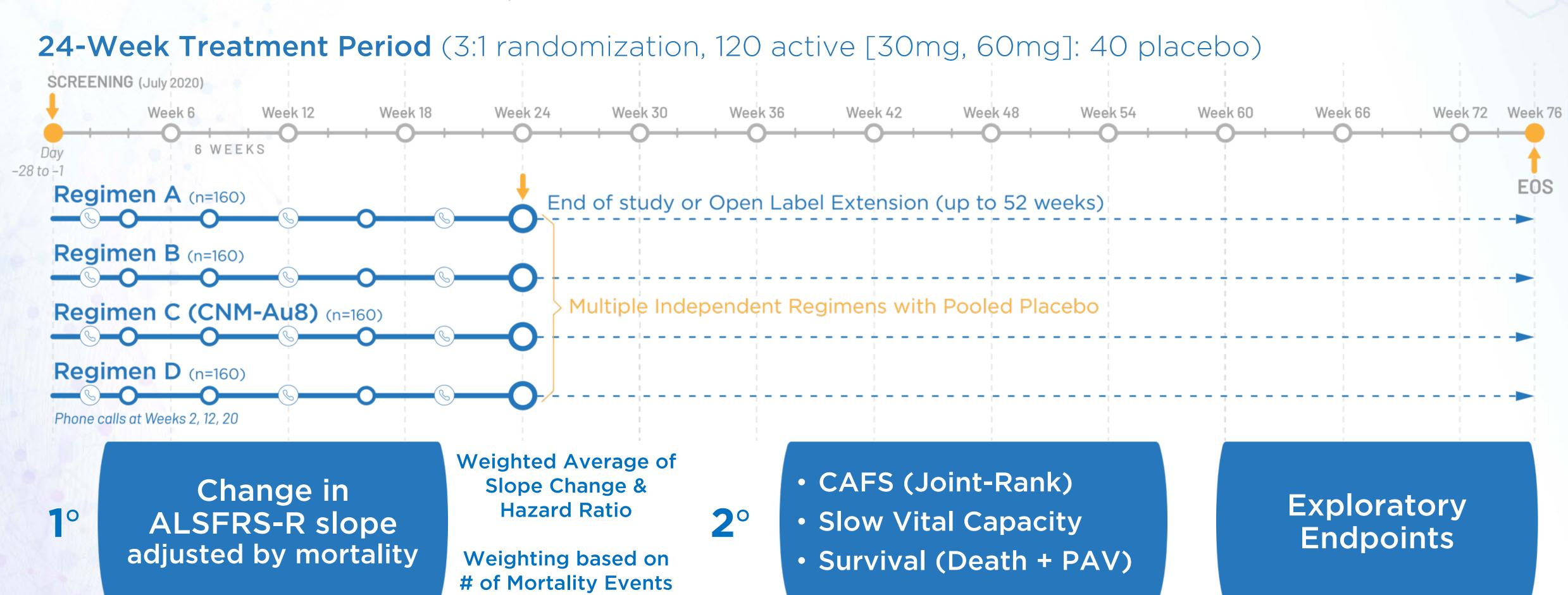
Time to all-cause mortality amongst participants originally randomized to CNM-Au8 compared to propensity matched placebo controls derived from the PRO-ACT database (n=322). Covariates included: Onset Age, Sex, BMI, Pre-Treatment ALSFRS-R Slope (Delta-FS), ALSFRS-R Total Score, Vital Capacity (% predicted), and Diagnostic Delay (Covariates selected by minimizing AICc).

Propensity matching is a statistical technique used to find the closest like-to-like placebo patients for comparison beyond the 36-week blinded period





A Multi-center, Randomized Double-Blind, Placebo-Controlled Clinical Trial Assessing the Efficacy, Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of CNM-Au8 in Participants with Amyotrophic Lateral Sclerosis



No evidence for treatment effect at 24 weeks for either adjusted ALSFRS-R change, CAFS, or SVC (combined 30 & 60 mg doses)



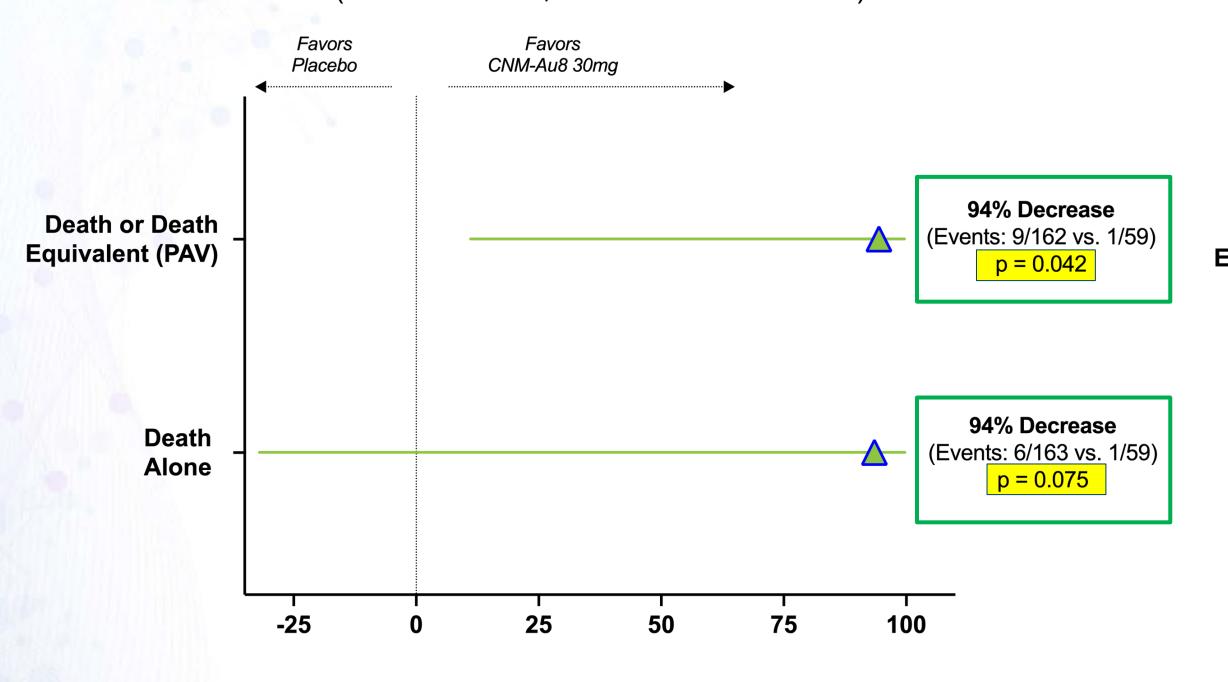
Survival Signal | >90% Reduced Risk of Death with CNM-Au8 30mg



Shared Placebo Across Regimens

CNM-Au8 30mg Survival | Adjusted Cox Proportional Hazard

Full Analysis Set (All Shared Placebo, Regimens A, B, C, D)
% Hazard Reduction at Week 24
(1 - Hazard Ratio, 95% Confidence Interval)

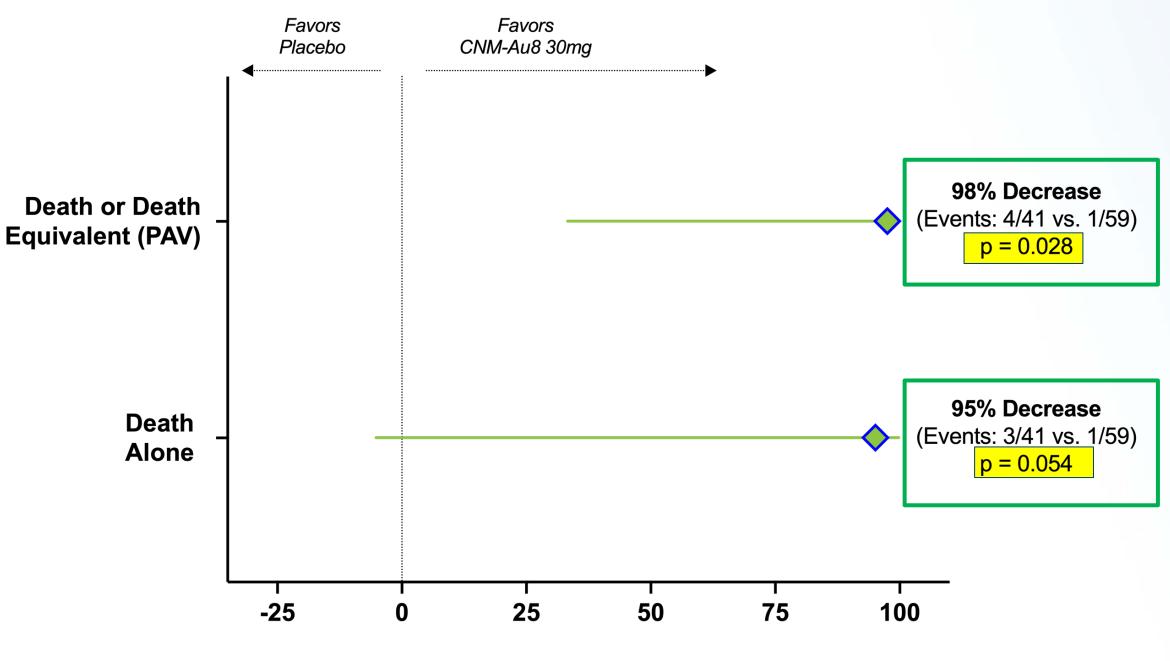


% Risk Reduction (1 - Hazard Ratio; 95% CI by Profile Likelihood)

CNM-Au8 Regimen Only (Regimen C)

CNM-Au8 30mg Survival | Adjusted Cox Proportional Hazard

Efficay Regimen Only Set (Within Regimen Analysis)
% Hazard Reduction at Week 24
(1 - Hazard Ratio, 95% Confidence Interval)



% Risk Reduction (1 - Hazard Ratio; 95% CI by Profile Likelihood)

PAV = Permanently Assisted Ventilation; Prespecified covariate adjustments include: (i) time from symptom onset, (ii) pre-baseline ALSFRS-R slope, (iii) riluzole use, (iv) edaravone use, (v) age. Events (placebo vs. active). p-values are not adjusted for multiple comparisons; exploratory analyses by dose.

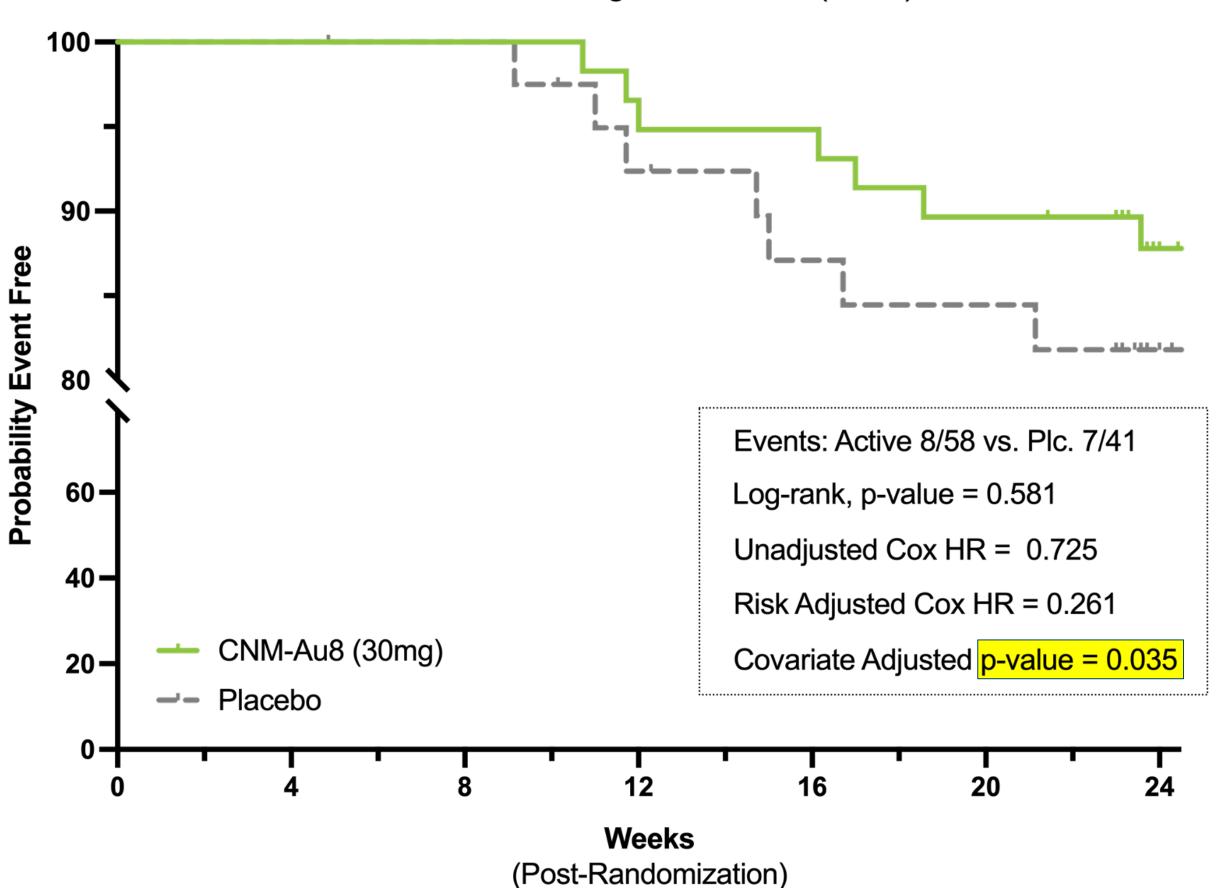


Delayed Time to ALS Clinical Worsening CNM-Au8 30mg | Within Regimen Analysis (Primary Model)



Time to Clinical Worsening | CNM-Au8 30mg First Occurence of Death, PAV, Tracheostomy or Feeding Tube

HEALEY ALS Platform Trial | Kaplan-Meier Estimate Regimen C Population, Efficacy Regimen Only CNM-Au8 30mg vs. Placebo (n=99)



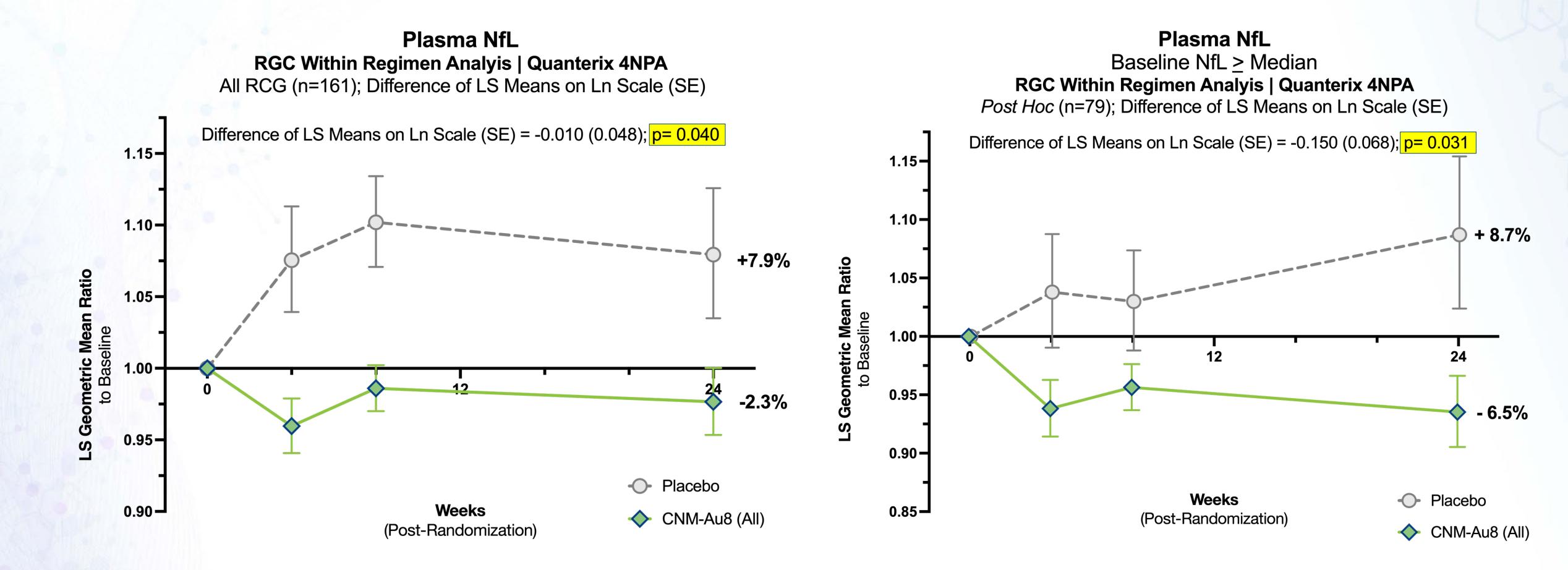
Prespecified covariate risk adjustments included: (i) time from symptom onset, (ii) prebaseline ALSFRS-R slope, (iii) riluzole use, (iv) edaravone use, and (v) age.



Significant Biomarker Plasma NfL Difference



CNM-Au8 vs. Placebo | All RGC Participants During Double-Blind Period



MMRM log NfL by group, contrast model; prespecified covariates included: (i) pre-treatment ALSFRS-R slope (delta-FS), (ii) months from symptom onset, (iii) use of riluzole, (iv) use of edaravone; (v) covariate by visit interaction, (vi) treatment by visit interaction



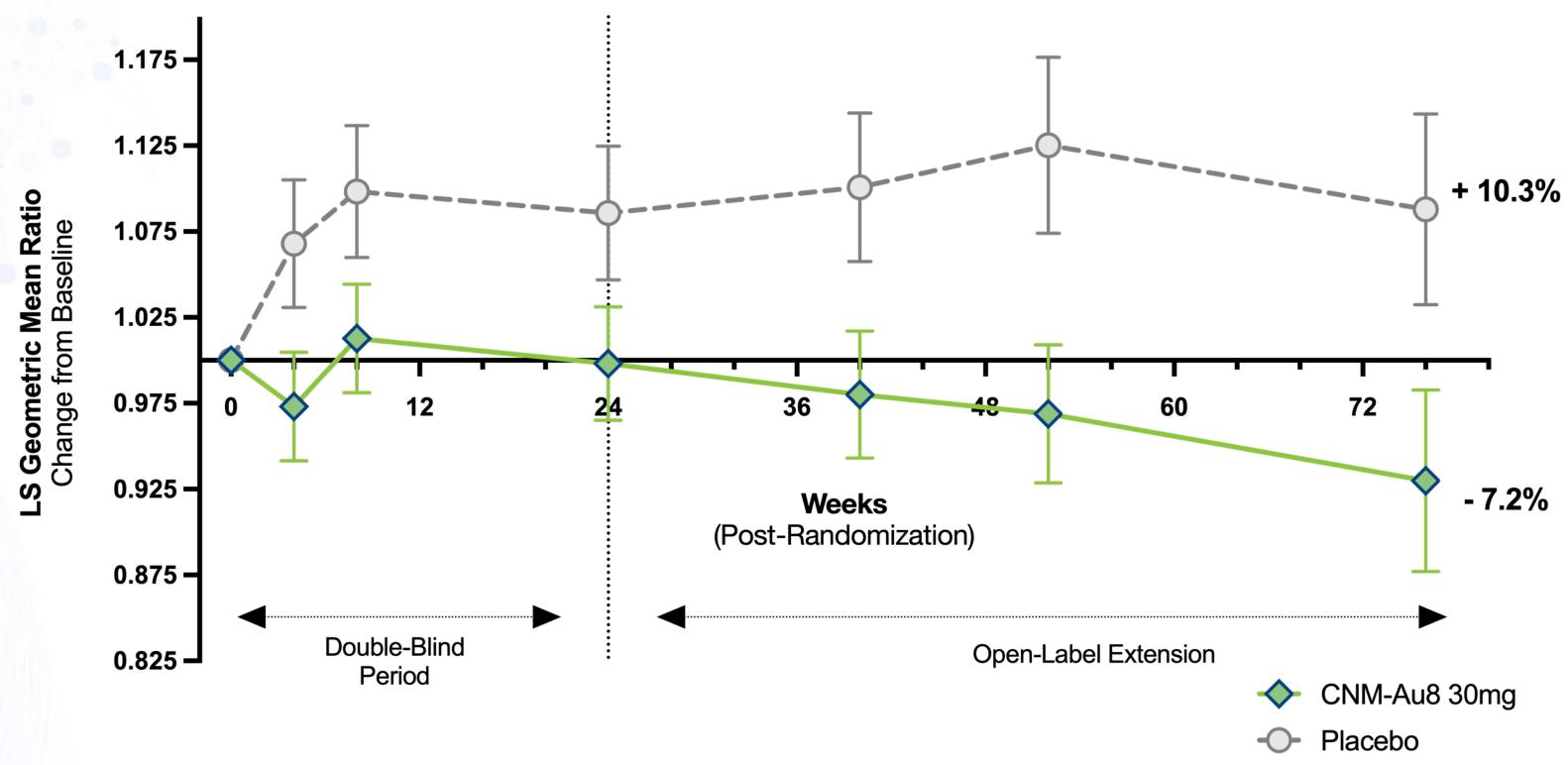
Continued Long Term Plasma NfL Decline in the OLE 76-Weeks post baseline MMRM (CNM-Au8 30mg)



CNM-Au8 30mg Plasma NfL Geometric Mean Change RGC Within Regimen Analyis | Long Term Extension | Quanterix 4NPA

All Evaluable with Baseline, n=99; LS Geometric Mean Difference ± SEM

Week 76 LS Difference of LS Mean on Ln Scale (SE) = -0.1730 (0.076); p= 0.023



Notes:

Covariates included: (i) months from symptom onset, (ii) pretreatment ALSFRS-R slope, (ii) background riluzole, (iv) background edaravone. Mixed model repeat measures (MMRM).



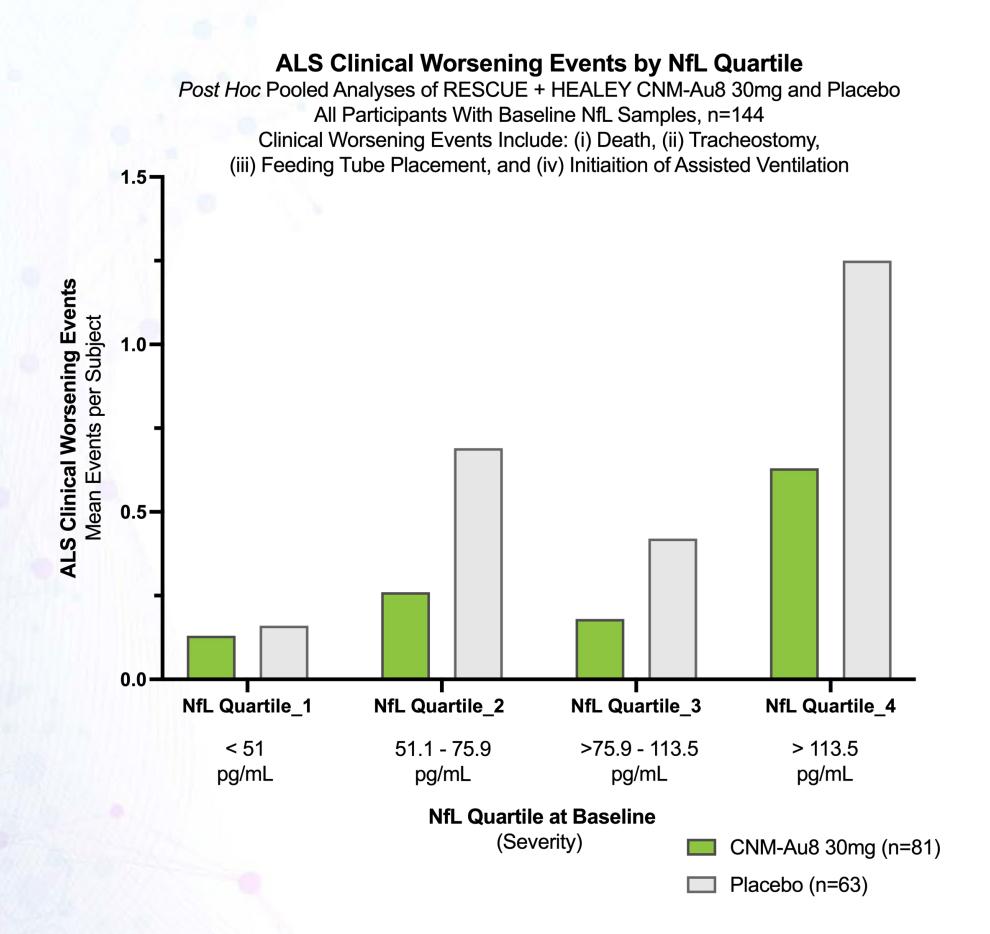
¹ All visits graphed with $n \ge 10$ participant data.

² MMRM analysis uses LS means to account for missing data.

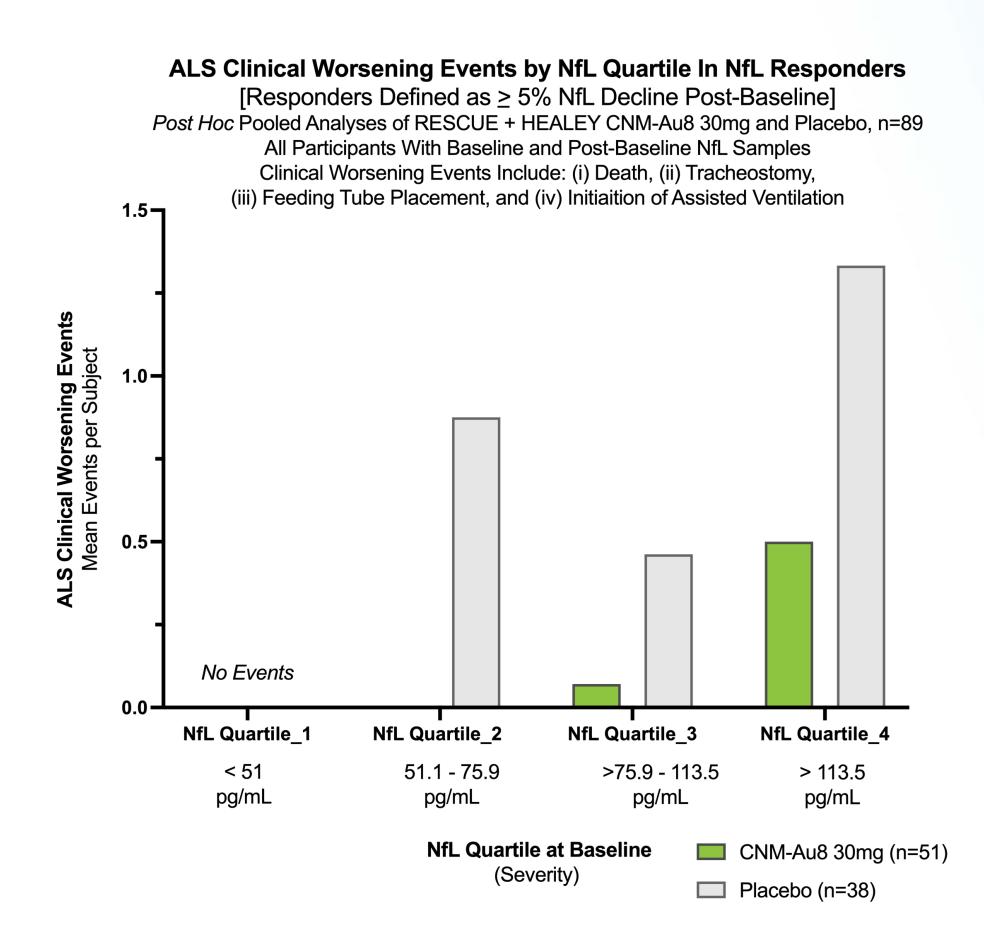
Validation of NfL Association with Clinical Outcomes

Post Hoc | Clinical Worsening Event (Average Events per Patient per Group)

Clinical Worsening Events Frequency is Associated with Higher Baseline NfL Levels (by Quartile)



NfL Responder Analyses in Participants with a NfL Decline of >5% (Post-Baseline) Demonstrated Greater Treatment Effect



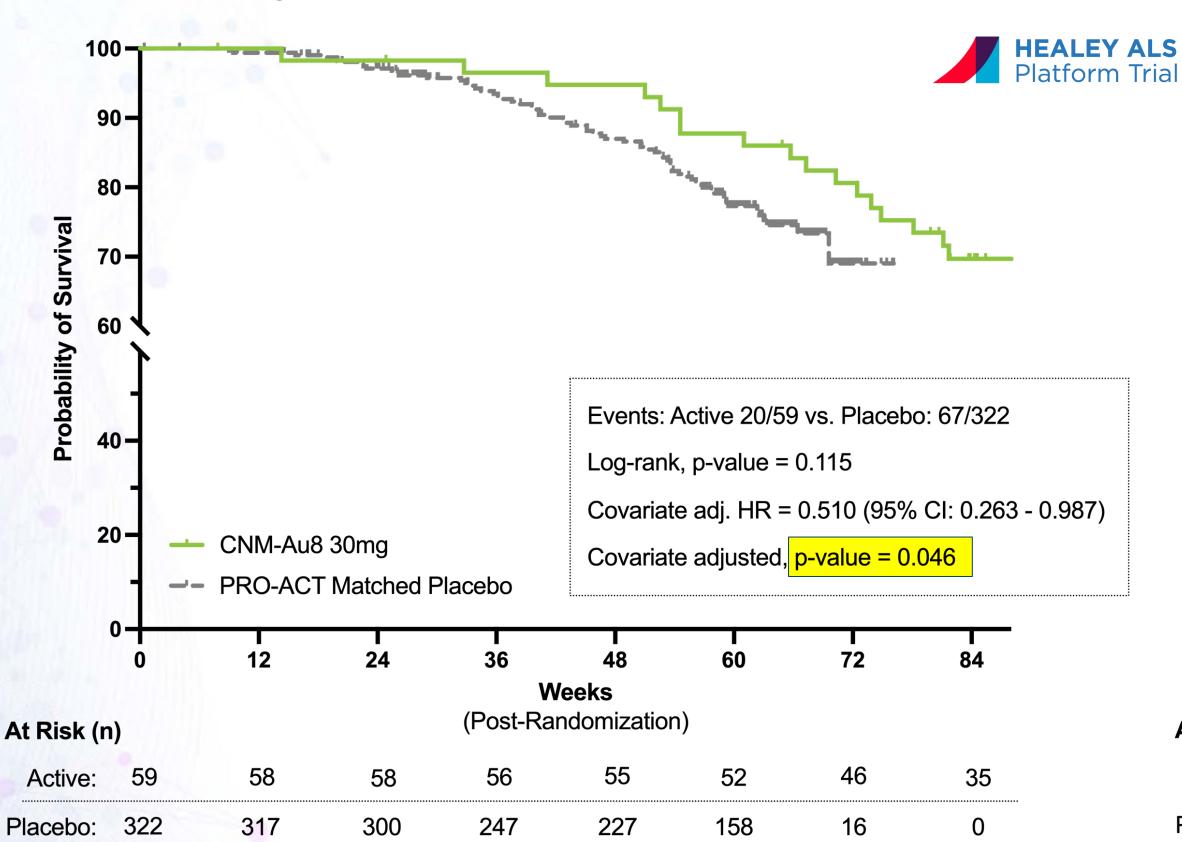


Long-Term Survival | Propensity Matched Placebo PRO-ACT Placebo vs. CNM-Au8 30mg

CNM-Au8 30mg HEALEY

HEALEY-ALS Platform Long-Term Survival

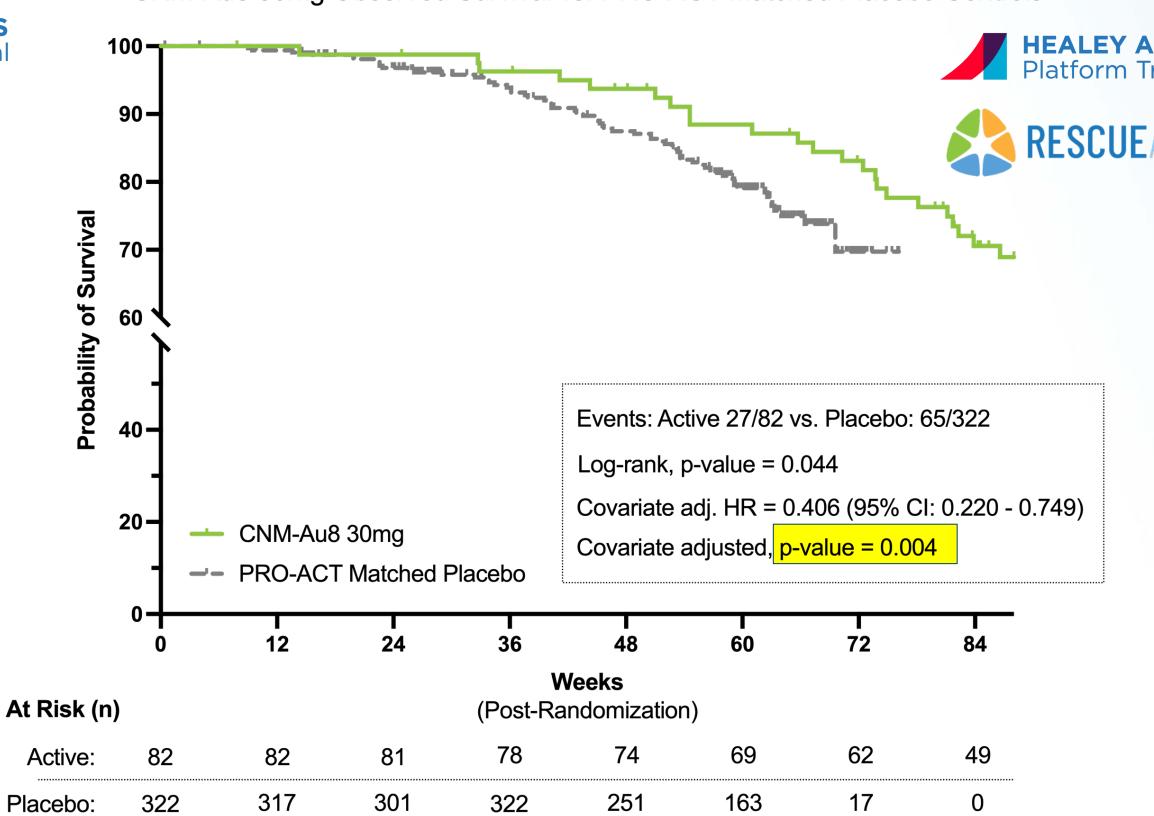
CNM-Au8 30mg Observed Survival vs. PRO-ACT Matched Placebo Controls



CNM-Au8 30mg Integrated Meta-Analysis

Integrated Meta-Analysis of CNM-Au8 30mg Long-Term Survival RESCUE-ALS + HEALEY ALS Platform Trial

CNM-Au8 30mg Observed Survival vs. PRO-ACT Matched Placebo Controls



Covariates: Onset Age, Sex, BMI, Pretreatment ALSFRS-R Slope, ALSFRS-R Total at Baseline, Vital Capacity % at Baseline, Diagnostic Delay



Phase 2 HEALEY Platform Long-Term Survival

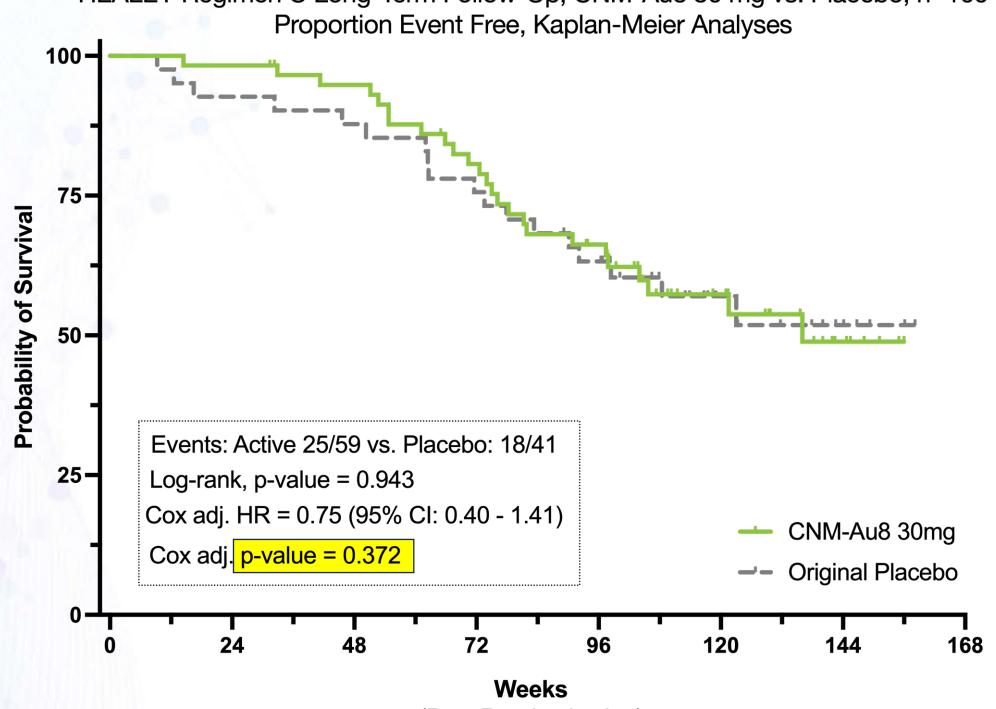


Unadjusted Survival (Delayed Start)

(~90% cross-over to active at Week 24)

Unadjusted Overall Survival | HEALEY Within Regimen

HEALEY Regimen C Long-Term Follow-Up, CNM-Au8 30 mg vs. Placebo, n=100

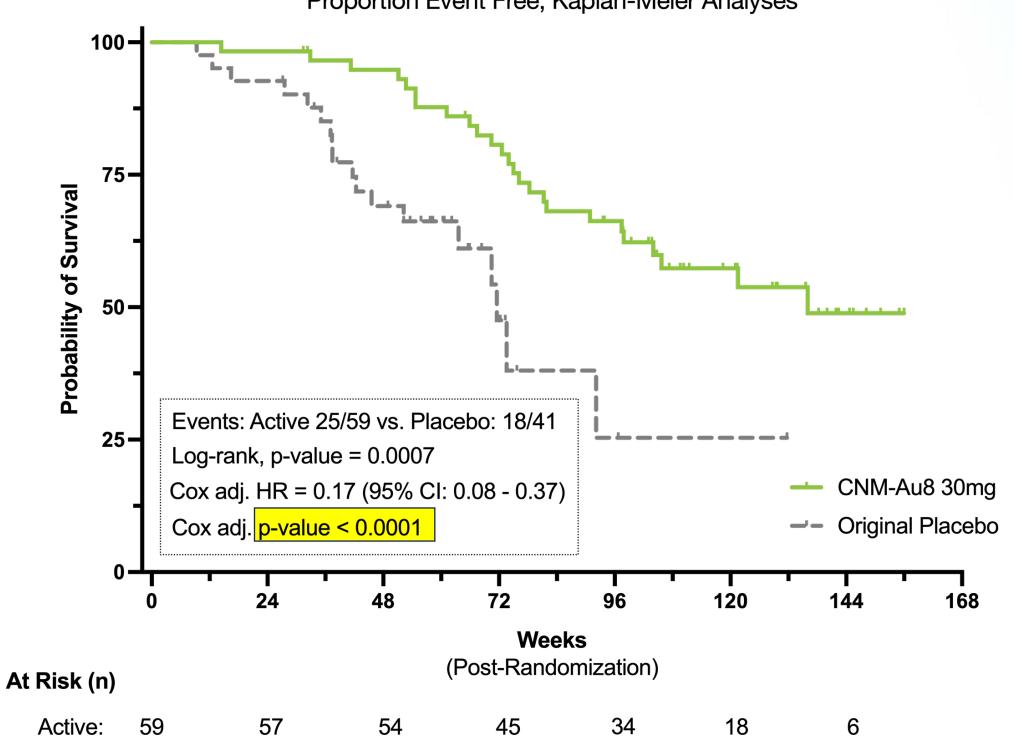


(Post-Randomization) At Risk (n) Active: 57 Placebo: 41

RPSFTM Cross-Over Adjusted Survival

Cross-Over Adjusted Analysis of Survival | HEALEY Within Regimen

Prespecified Rank Preserving Structural Failure Time Model (RPSFTM) HEALEY Regimen C Long-Term Follow-Up, CNM-Au8 30 mg vs. Placebo, n=100 Proportion Event Free, Kaplan-Meier Analyses



Time to all-cause mortality amongst participants originally randomized to CNM-Au8 vs. placebo. HEALEY covariates included: (i) months from symptom onset, (ii) pre-treatment ALSFRS-R slope, (iii) age, (iv) background riluzole treatment, and (iv) background edaravone treatment. RPSFTM (Rank Preserving Structural Failure Time Model) removes the estimated benefit from cross-over to active treatment in ex-placebo participants by accelerating events in cross-over participants. Source(s): Second OmniTrace update and Long-Term EAP survival status.

Placebo: 41

EAP Participant Enrollment

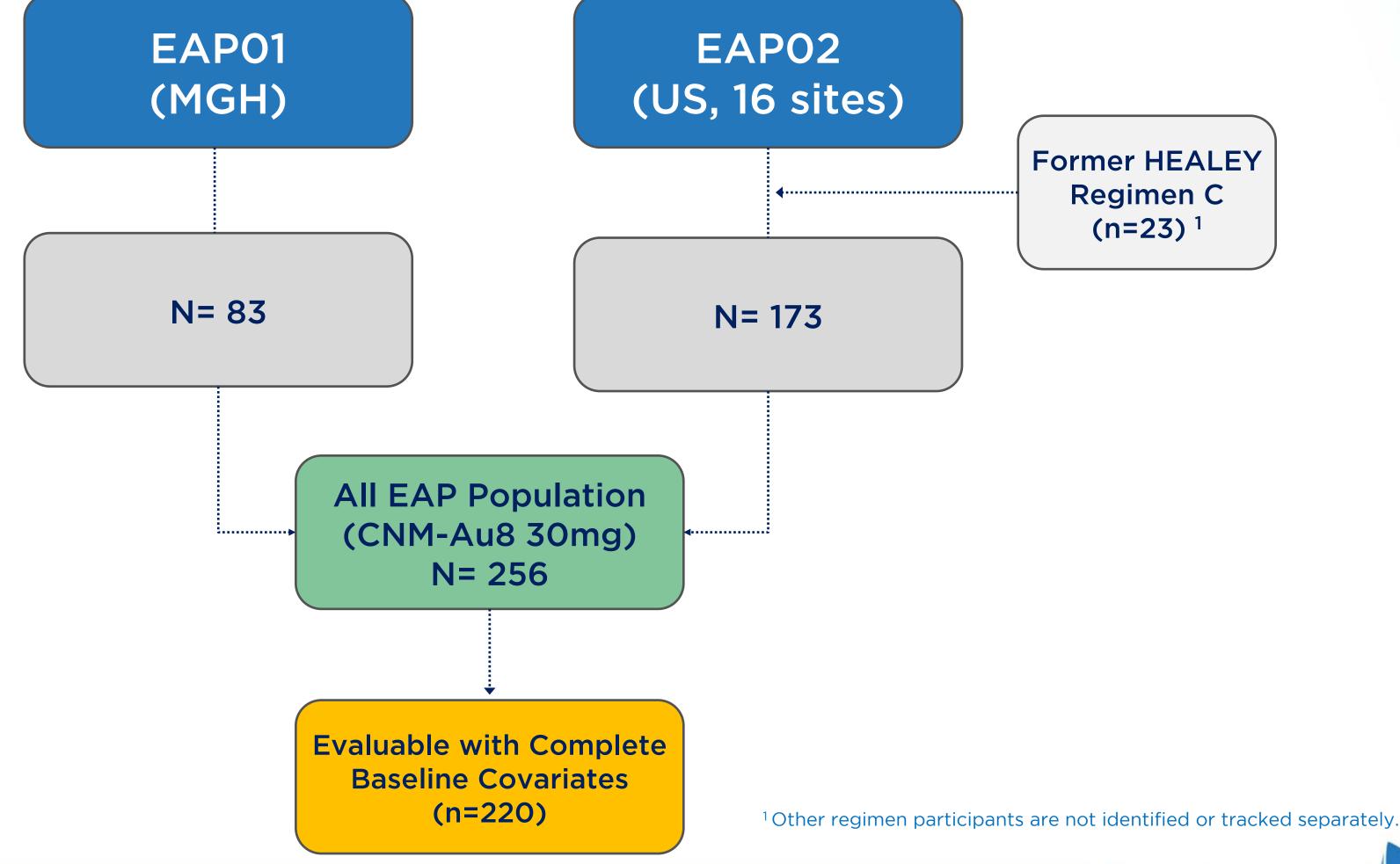


- All EAP participants (CNM-Au8 30mg) enrolled through 15-December-2023 with EDC data entry
- Survival updated through the 14-January-2024 data cut

EAPO1 in collaboration with the:



The Healey center covered all site costs and EDC management through philanthropic donations; Clene provided CNM-Au8 and conducted analyses

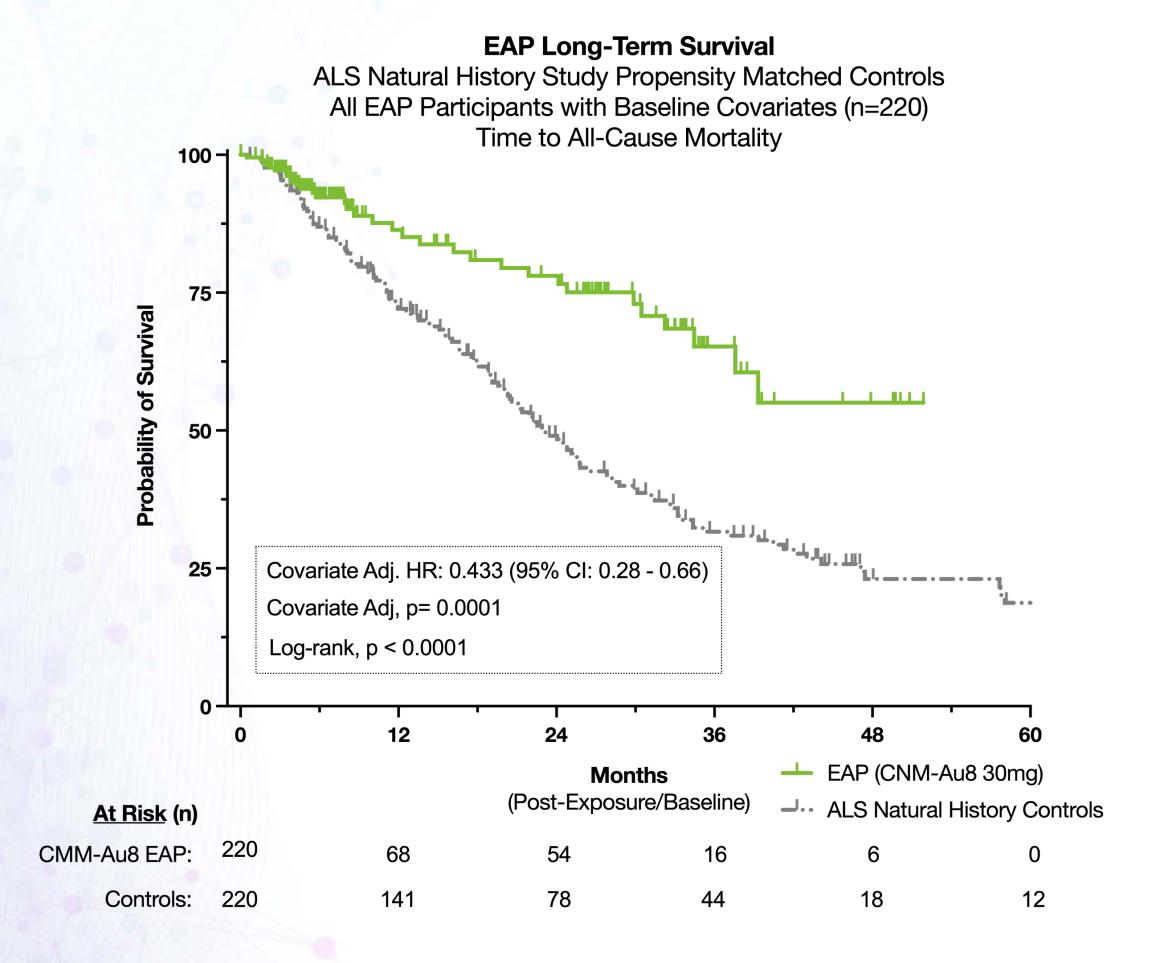




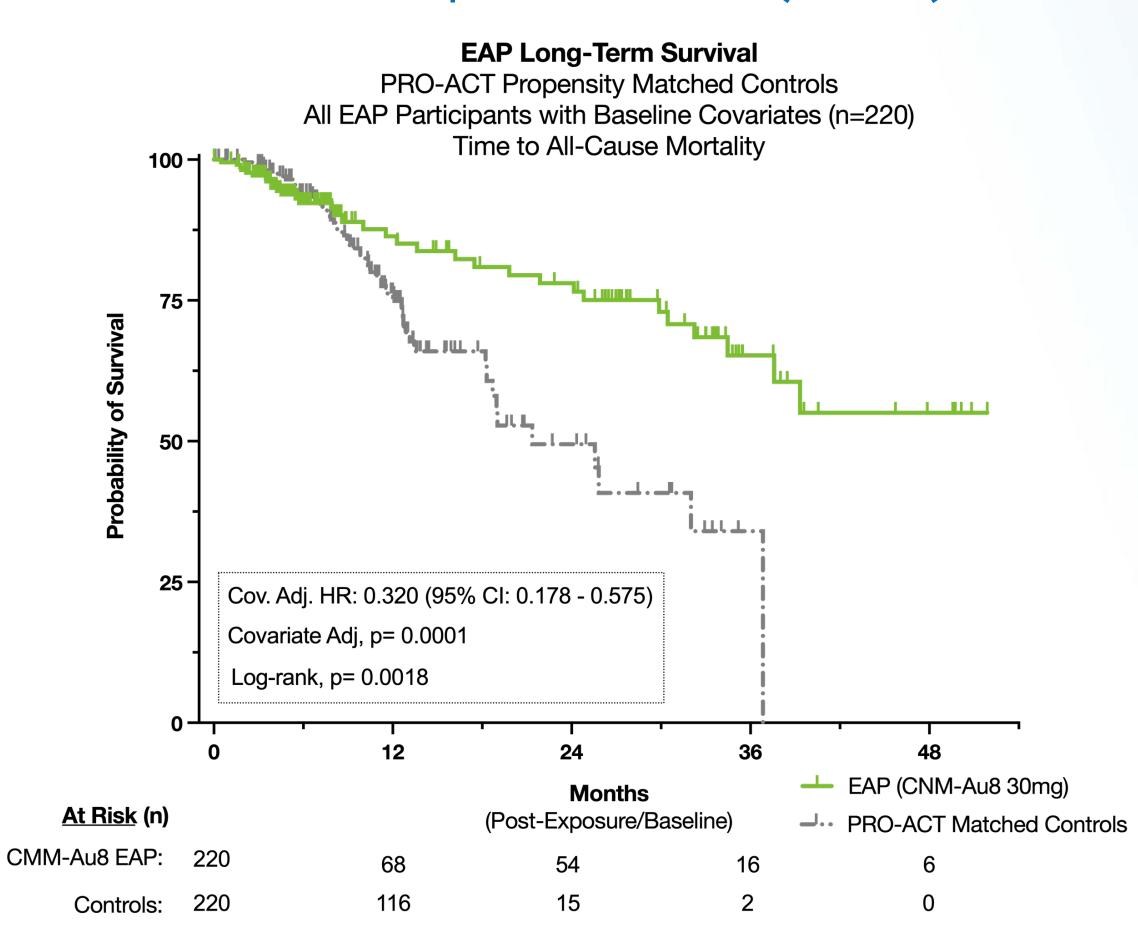


EAP Survival vs. ALS Natural History and PRO-ACT Matched Controls | Control-Matched EAP and All EAP

ALS Natural History Study | EAP Matched (n=220)



PRO-ACT | EAP Matched (n=220)



Baseline covariates include: (i) onset age, (ii) sex, (iii) BMI, (iv) pre-treatment ALSFRS-R slope, (v) ALSFRs-R, (vi) vital capacity (% predicted), (vii) vital capacity pre-treatment slope, and (viii) TRICALS risk score. Propensity matching caliper minimized at 0.41. All EAP participants alive are right censored as of the January 18, 2024 data cut.





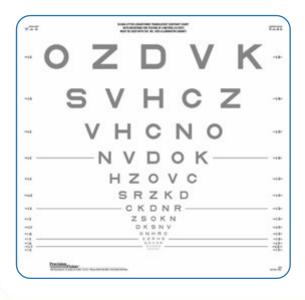
Phase 2 Study: 48-Week Placebo-Control Treatment Period 2:1 Randomization (Active [15mg, 30 mg]: Placebo)



- Enrolled stable relapsing remitting MS participants with chronic optic neuropathy on background DMTs
- 92% treated with background DMTs (inc 53% monoclonal antibodies, 32% oral)
- n=73 of 150 planned (~50%) study ended prematurely due to COVID-19 pandemic enrollment challenges
- Modified ITT (mITT) Analysis Population; Pre-specified statistical threshold set at p=0.10
- CNM-Au8 Open Label Extension (OLE) for original active and placebo continued for up-to-96 weeks

10

Change in Low **Contrast Letter** Acuity (LCLA)

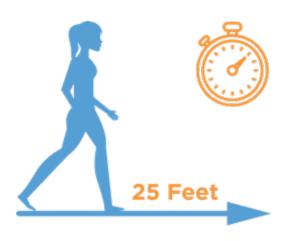


2°

Change in modified MS **Functional Composite** (mMSFC)









9HPT

SDMT

T25FWT

LCLA

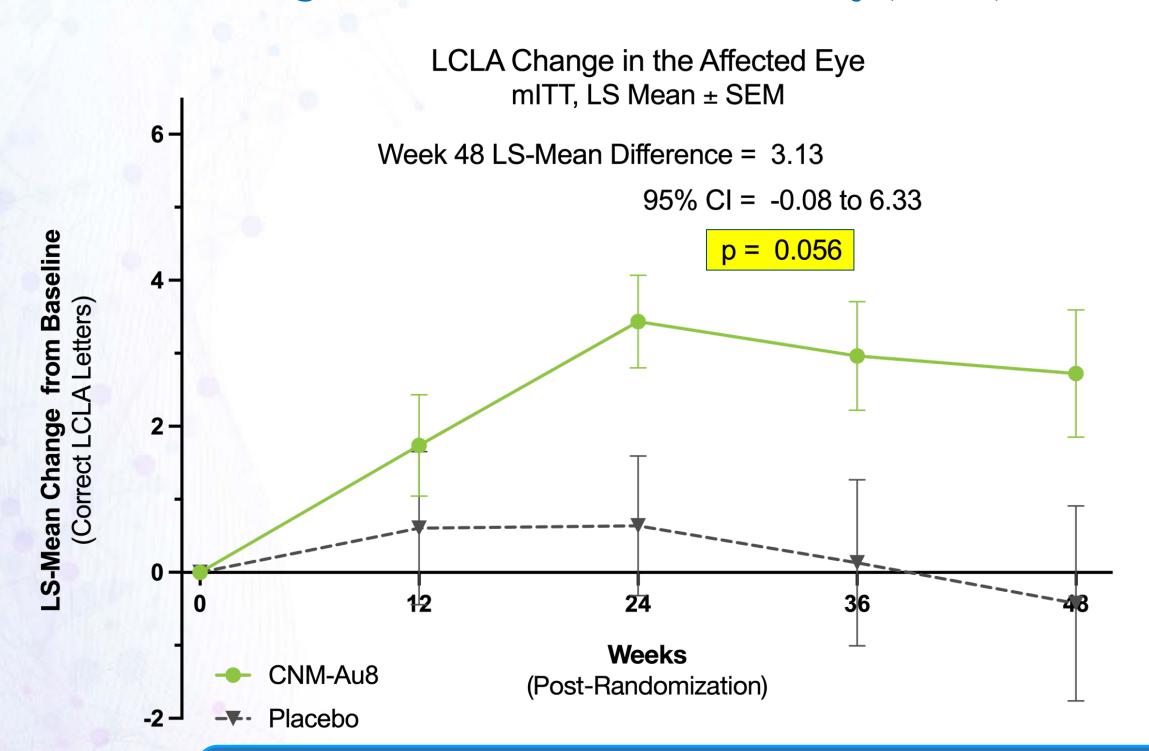
CNM-Au8 Demonstrated Vision and Global Neurological Improvement in Stable MS patients on DMTs



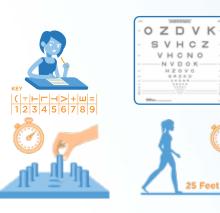
Significantly Improved Vision



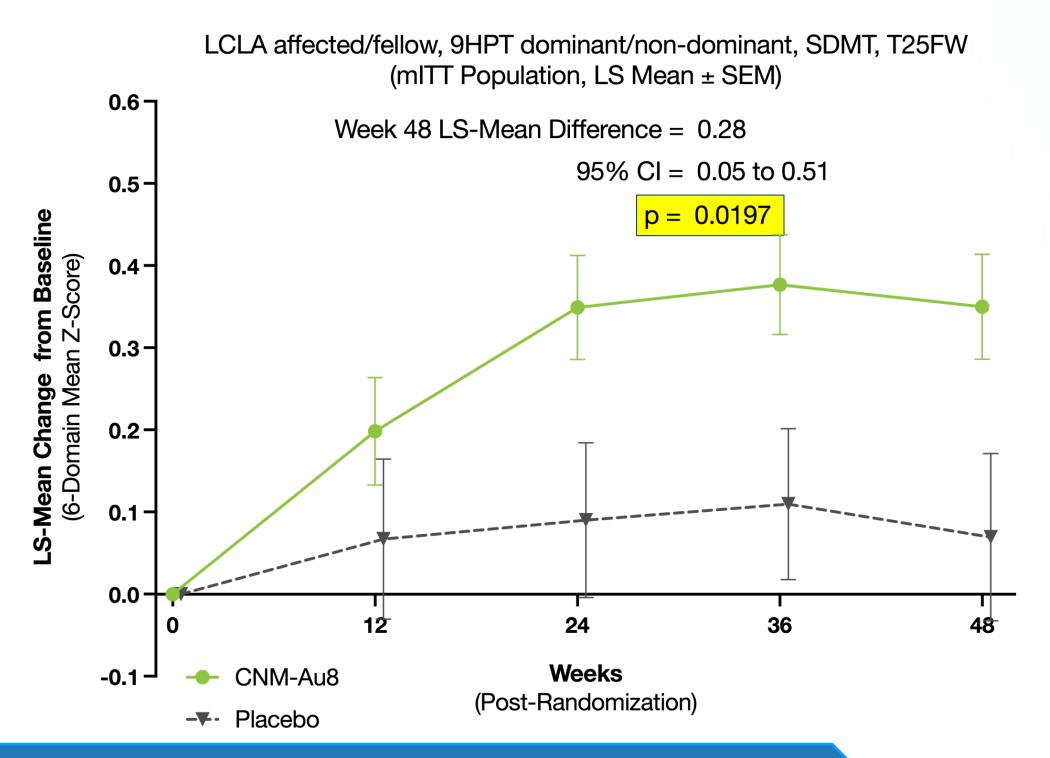
Change in Low Contrast Letter Acuity (LCLA)



Global Neurological Improvement



Change in modified MS Functional Composite (mMSFC)



Global neurological clinical improvement was driven by cognition, manual dexterity, and low contrast letter acuity



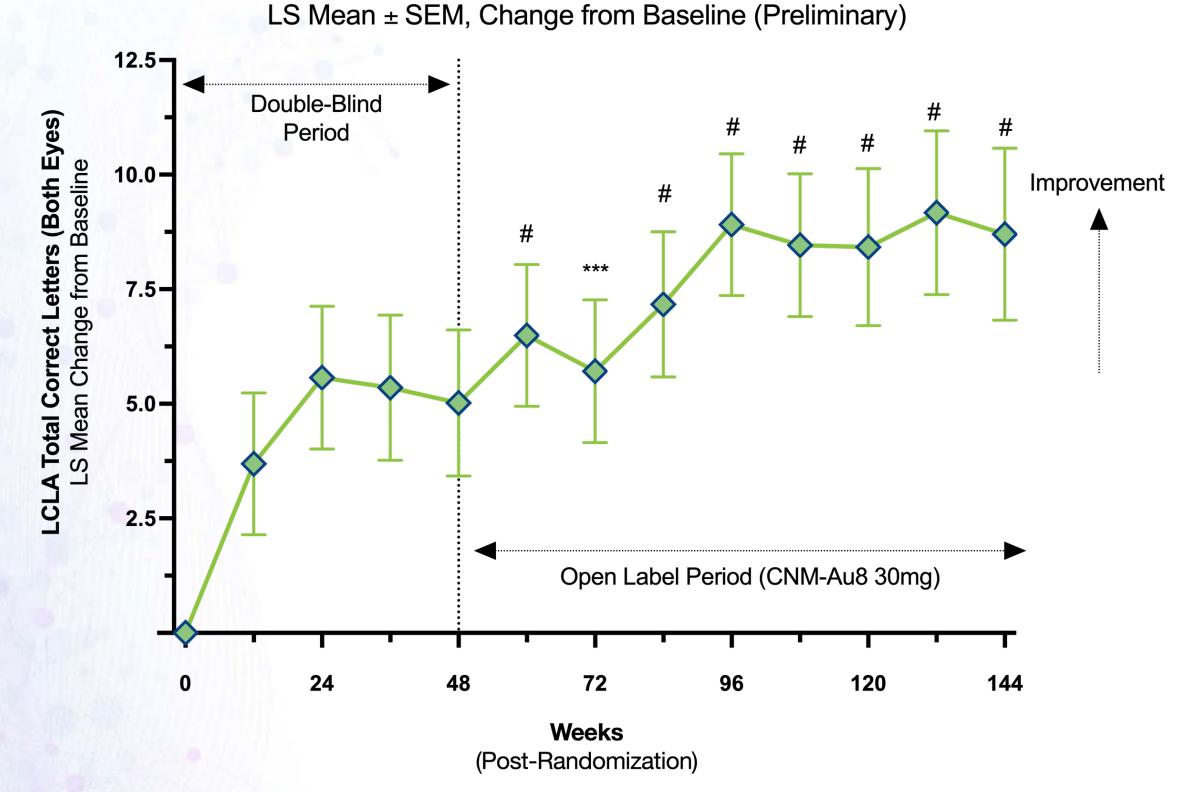
Long-Term LCLA Improvement in LTE Participants



Low Contrast Letter Acuity

Original Active (CNM-Au8)

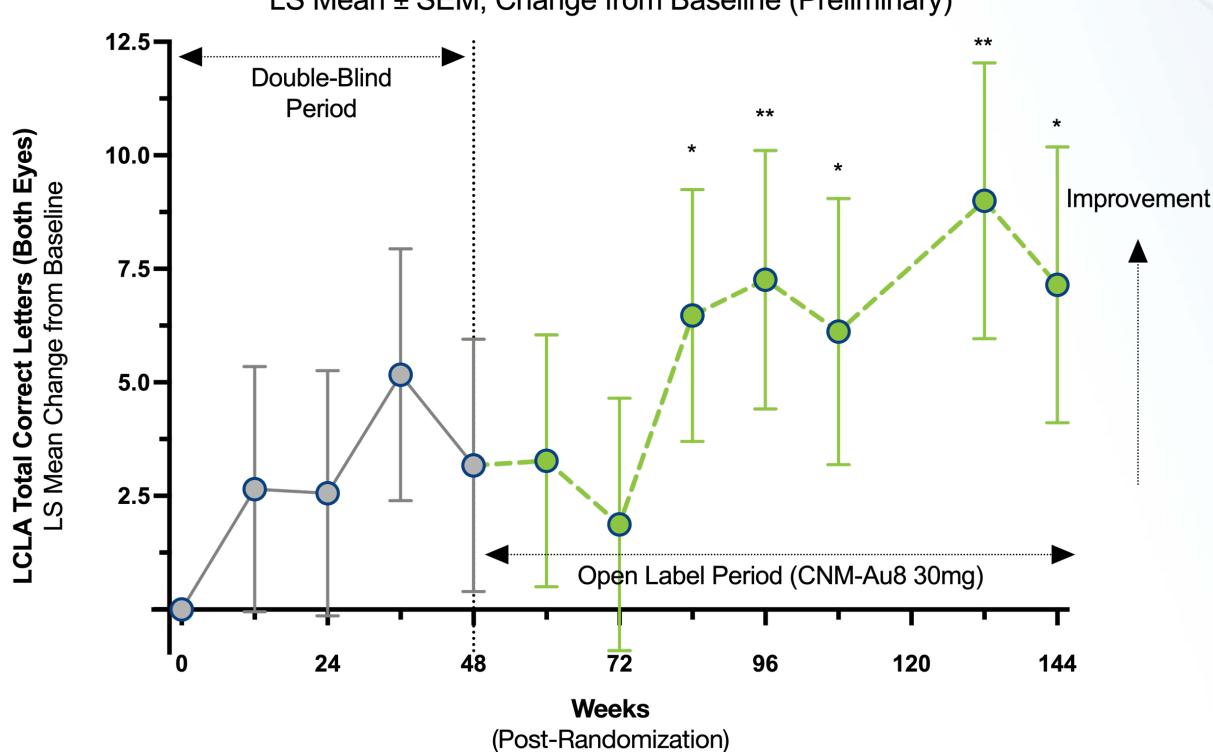
Longitudinal LCLA | Change from Baseline (Total Correct, Both Eyes) | All Active In LTE Participants Originally Randomized to CNM-Au8 (n=35), mITT Population



LTE: LS mean difference vs. randomization baseline: # p≤0.0001, *** p≤0.001, ** p≤0.01, *p≤0.05

Original Placebo

Longitudinal LCLA | Change from Baseline (Total Correct, Both Eyes) In LTE Participants Originally Randomized to Placebo (n=11), mITT Population LS Mean ± SEM, Change from Baseline (Preliminary)



MMRM accounts for missing data; all visits with \geq 60% participant values are graphed. LTE: LS mean difference vs. randomization baseline: # p \leq 0.0001, *** p \leq 0.001, ** p \leq 0.01, *p \leq 0.05



CNM-Au8 Improved Information Signal Strength & Speed

-10

Double-Blind

Period

24



Visual Evoked Potentials

in the Visual Pathway

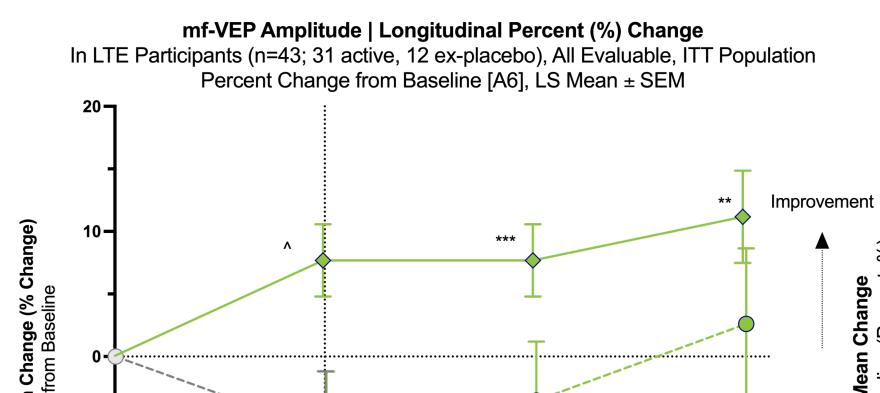
Optic Nerve (ON) Lesion Optic Chiasm Optic Chiasm Optic Tract Optic Radiation (OR) Lesion

Amplitude = Signal Strength

Latency = Signal Speed

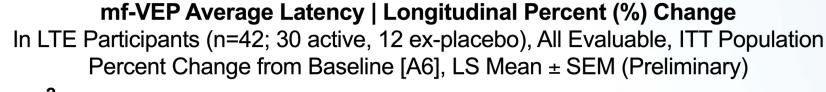
From the Eye to Visual Cortex

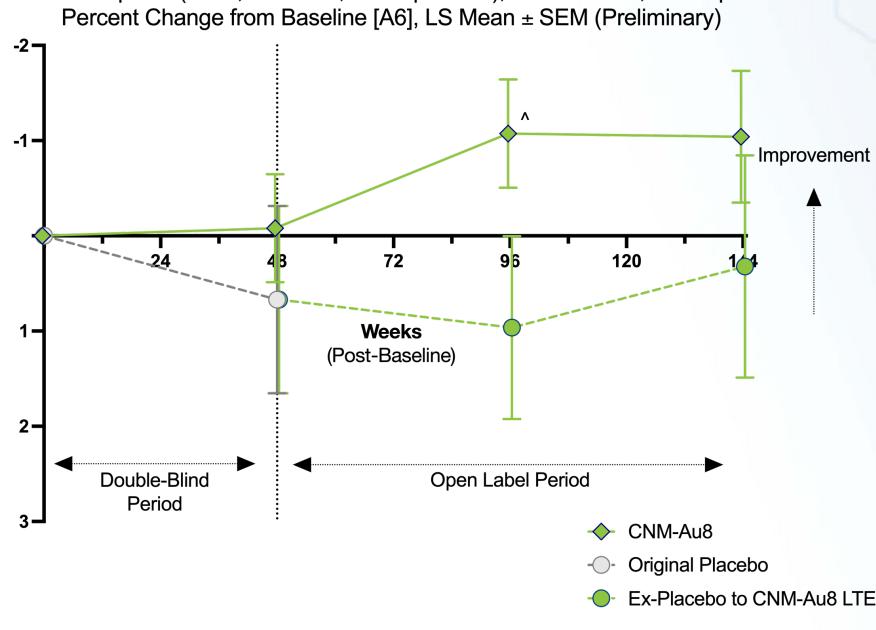
Improved Amplitude



(Post-Baseline)







LTE: LS mean difference vs. randomization baseline: # p<0.0001, *** p<0.001, ** p<0.01, *p<0.05, ^p<0.10

LS Mean Change from Baseline (Percent,

Increased VEP amplitude is associated with improved axonal integrity (more signal); Improved latency is associated with evidence of remyelination (faster conduction velocity)

Open-Label Period

Original Placebo

Ex-Placebo to CNM-Au8 LTE



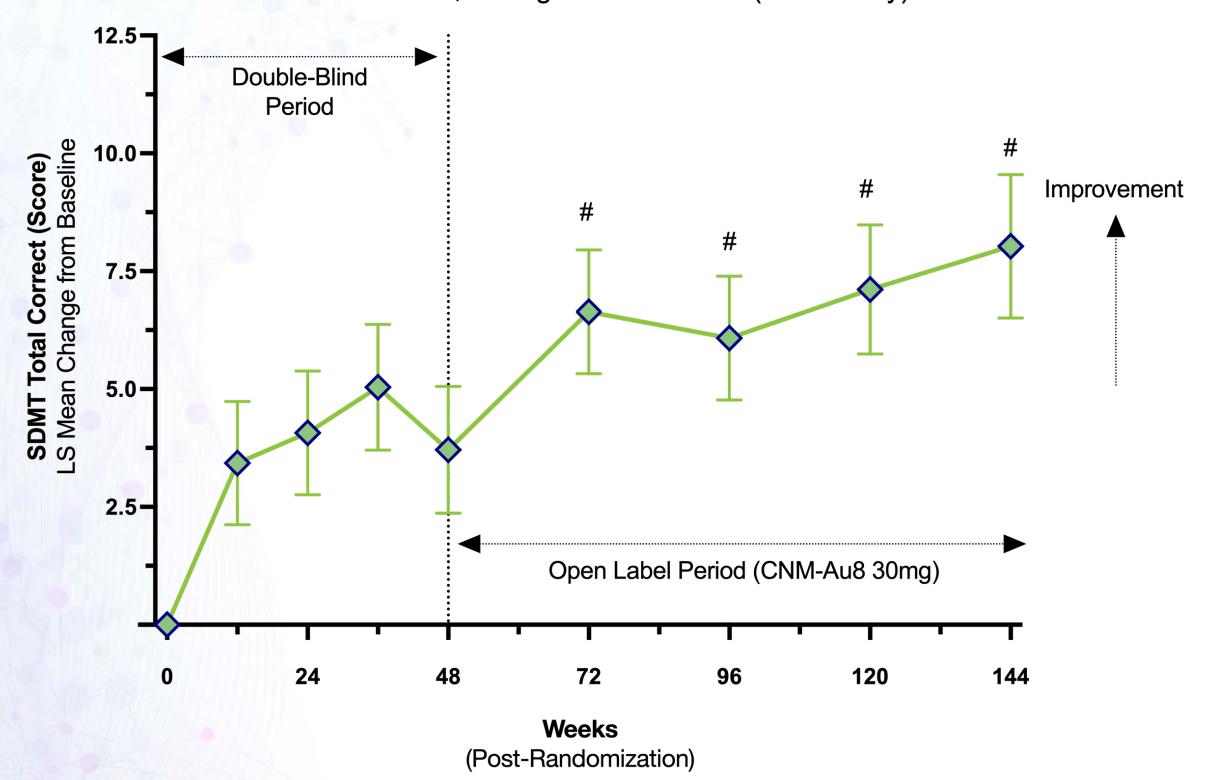
Long-Term SDMT Improvement in LTE Participants



Symbol Digit Modality Test | Working Memory & Cognition

Original Active (CNM-Au8)

Longitudinal SDMT | Change from Baseline (Total Score) | All Active In LTE Participants Originally Randomized to CNM-Au8 (n=35), mITT Population LS Mean ± SEM, Change from Baseline (Preliminary)

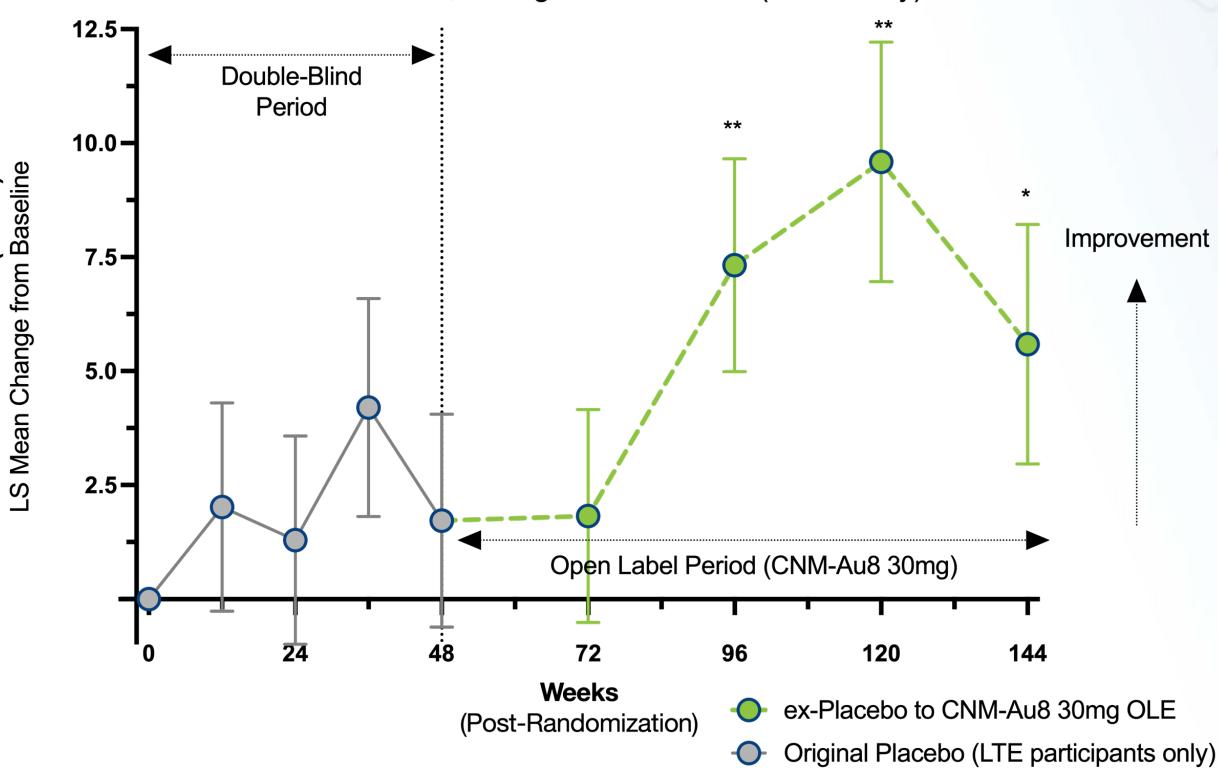


LTE: LS mean difference vs. randomization baseline: # p≤0.0001, *** p≤0.001, ** p≤0.01, *p≤0.05

Original Placebo

Longitudinal SDMT | Change from Baseline (Total Score)

In LTE Participants Originally Randomized to Placebo (n=11), mITT Population LS Mean ± SEM, Change from Baseline (Preliminary)



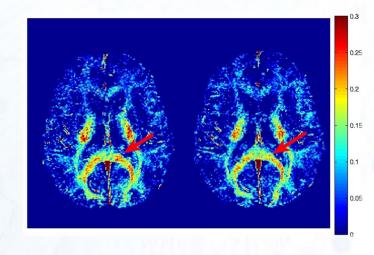
LTE: LS mean difference vs. randomization baseline: # p<0.0001, *** p<0.001, ** p<0.01, *p<0.05



CNM-Au8 Treatment Demonstrated MS Lesion Repair and Promoted Remyelination

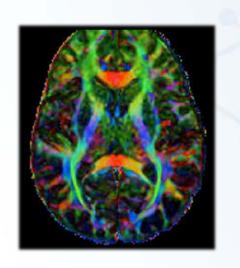


Advanced MRI Techniques



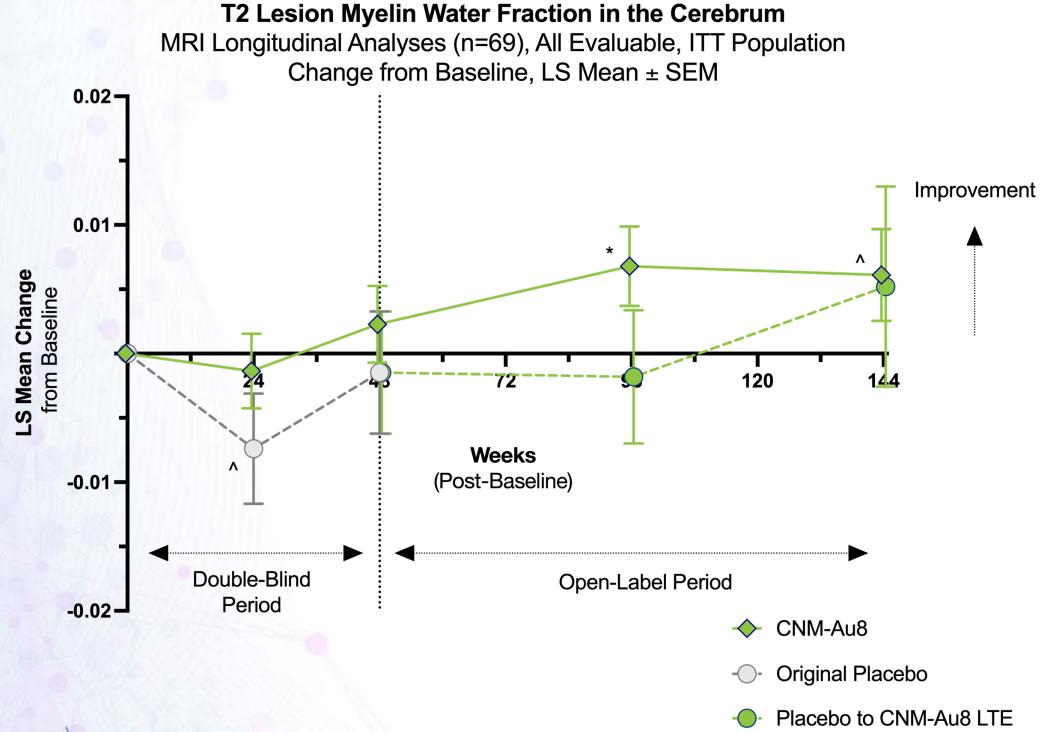
T2 Lesion Myelin Water Fraction (Remyelination)

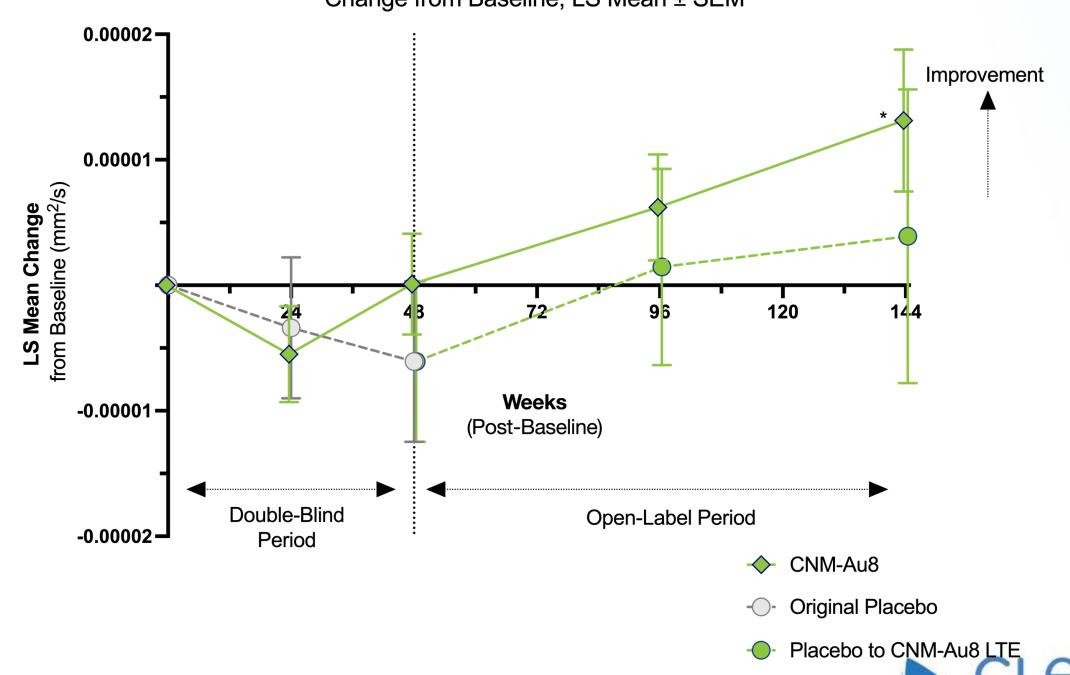
T2 Lesion Axial Diffusivity (Axonal Integrity)



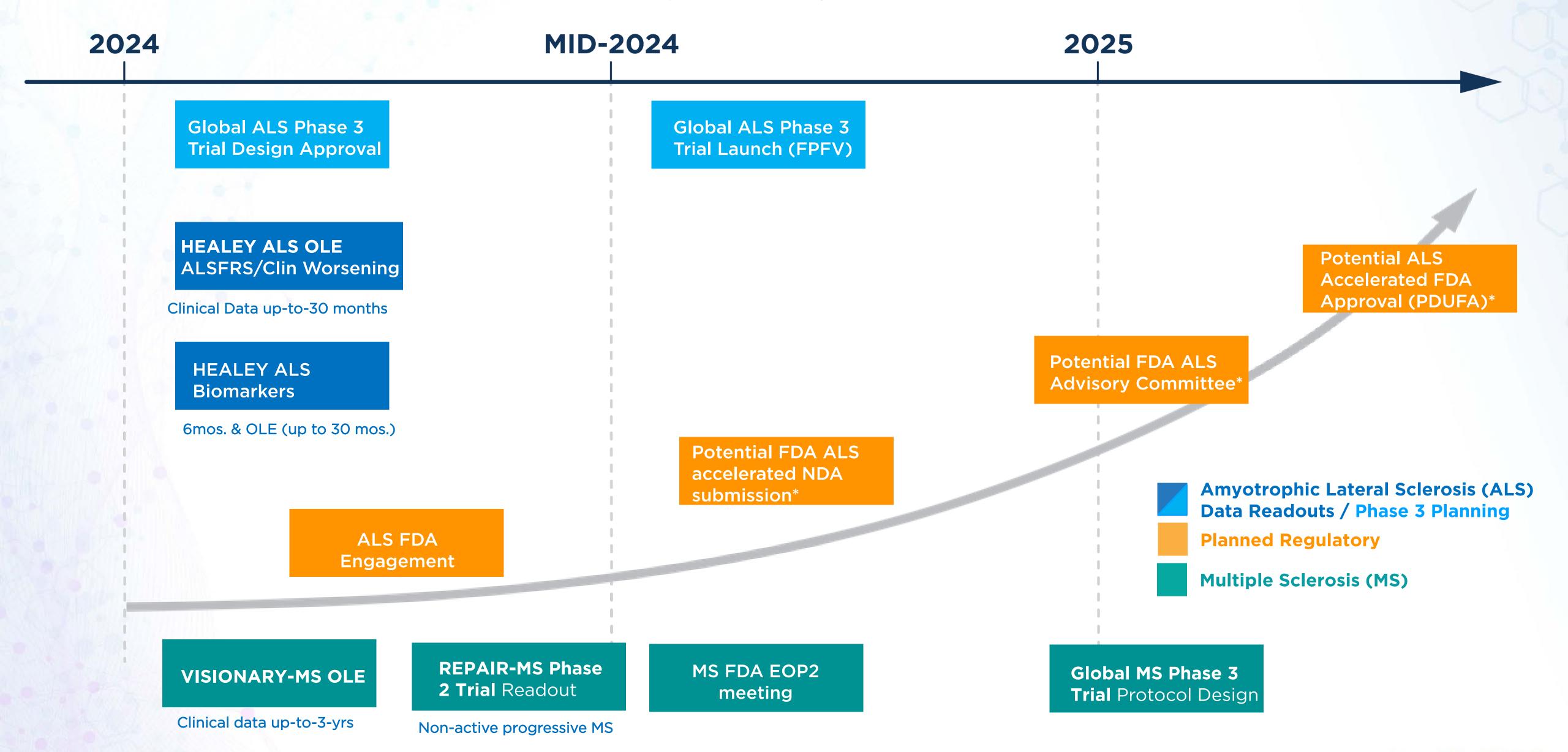
T2 Lesion Axial Diffusivity in the Cerebrum

MRI Longitudinal Analyses (n=69), All Evaluable, ITT Population Change from Baseline, LS Mean ± SEM





Clene | CNM-Au8 Path to Regulatory Approval





Evidence Supports CNM-Au8 Therapeutic Potential to Treat Neurodegenerative Diseases

a gold nanocrystal suspension, in development as the first cellular energetic catalyst to remyelinate¹ & protect neurological











Strong IP:



As of Mar 31 2024, cash and equivalents on hand (unaudited):

\$27.9M





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