

Financial Disclosures

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- This study was funded by Neurotech Pharmaceuticals
- This study includes research conducted on human subjects; institutional review board approval was obtained prior to study initiation

Pooled Functionality Data of Revakinagene Taroretcel-Iwey in Patients With Macular Telangiectasia Type 2

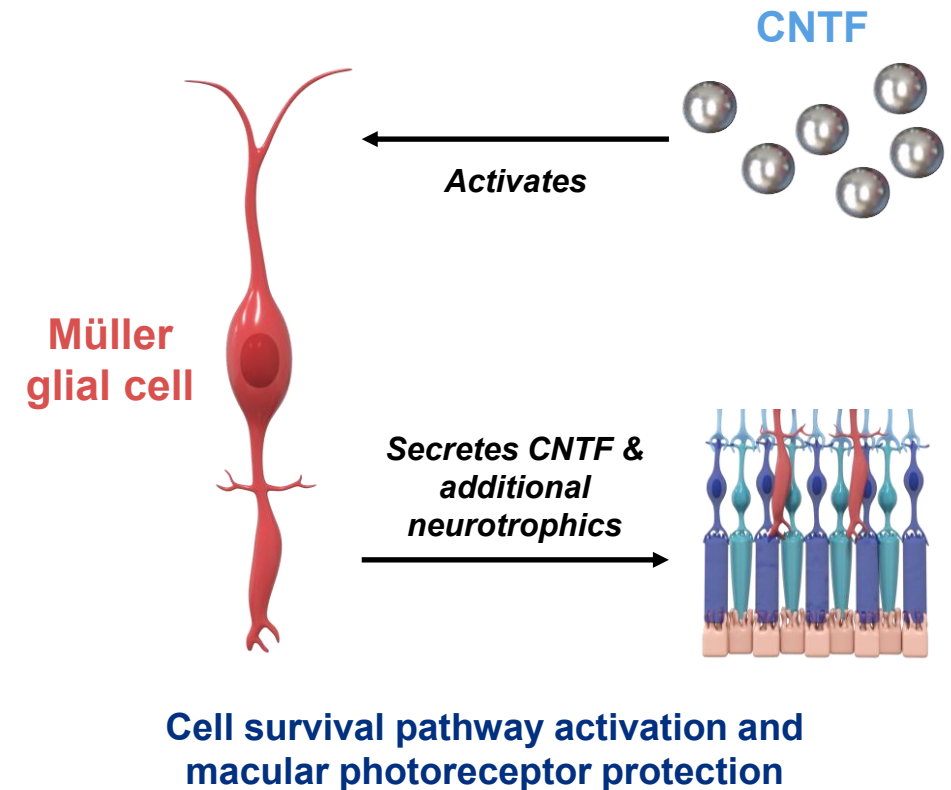
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*At the time of study analysis.

Macular Telangiectasia Type 2 (MacTel) and Ciliary Neurotrophic Factor (CNTF)

- MacTel is a bilateral, progressive, retinal neurodegenerative disease
 - Leads to central vision loss and functional impairment^{1,2}
 - Characterized by abnormalities in Müller glia, retinal pigment epithelium, and photoreceptors in the central retina,³ and progressive loss of the EZ⁴
- CNTF, released from Müller cells under pathologic conditions, protects and preserves photoreceptors^{5,6}

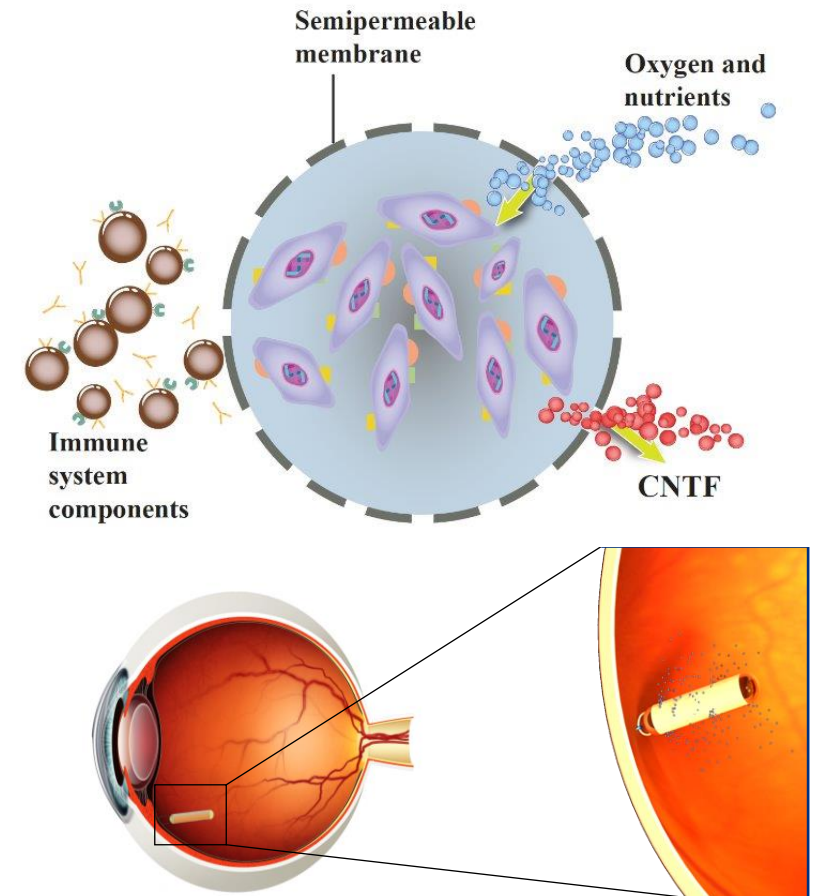


CNTF, ciliary neurotrophic factor; EZ, ellipsoid zone; MacTel, macular telangiectasia type 2.

1. Charbel Issa P, et al. *Prog Retin Eye Res.* 2013;34:49-77. 2. Heeren TFC, et al. *Ophthalmology.* 2020;127:1539-1548. 3. Kedariseti KC, et al. *Clin Ophthalmol.* 2022;16:3297-3309. 4. Heeren TFC, et al. *Retina.* 2018;38(suppl 1):S20-S26. 5. Bringmann A, et al. *Prog Retin Eye Res.* 2006;25:397-424. 6. Rhee KD, et al. *Proc Natl Acad Sci U S A.* 2013;110:E4520-E4529.

Encapsulated Cell Therapy (ECT): Intravitreal Sustained CNTF Delivery System

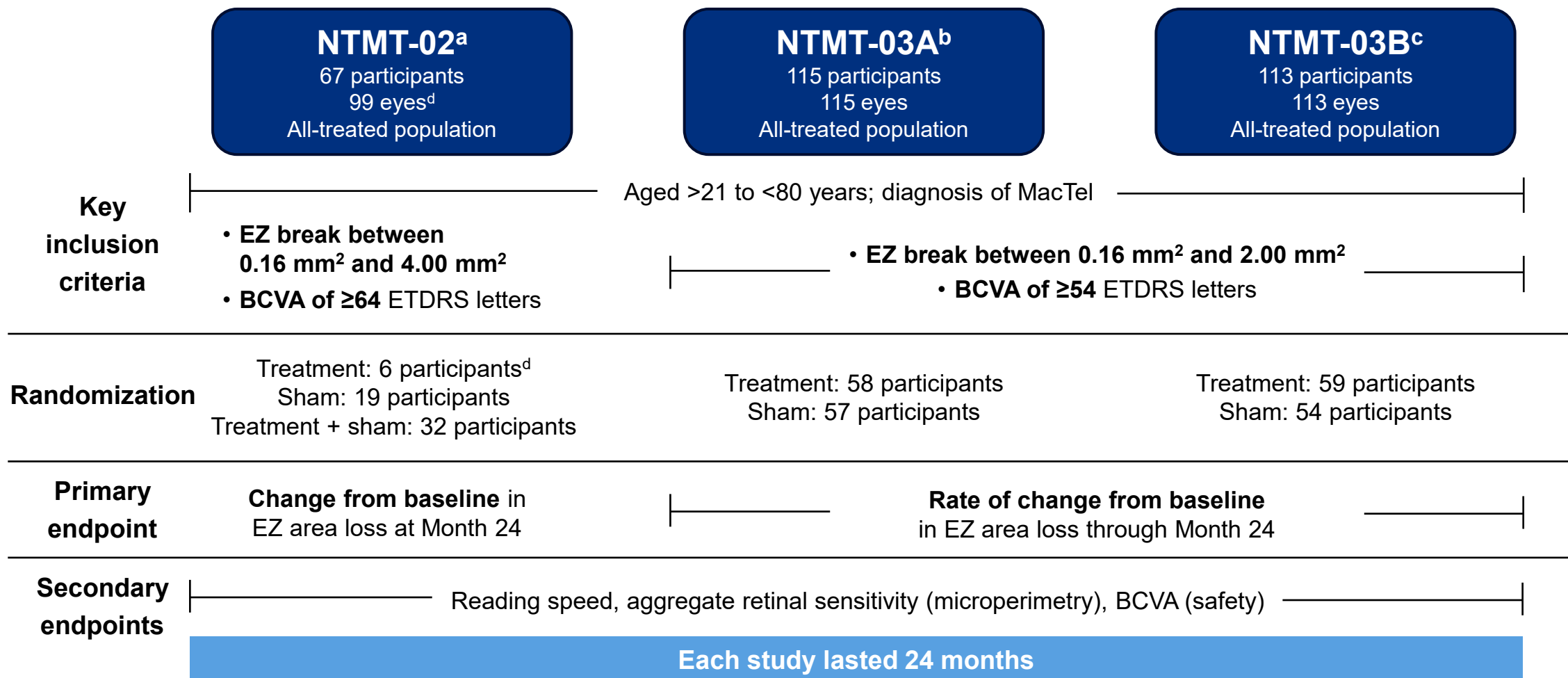
- ECT enables continual release of CNTF to the retina over long periods of time, without triggering an immune response¹⁻³
- Revakinagene taroretcel-lwey (formerly known as NT-501) is a first-in-class ECT^{1,4,5}
 - Houses allogeneic RPE cells with an expression vector for CNTF release (NTC-201-6A cells),^{1,5,6} which:
 - Release consistent levels of CNTF for long-term durations¹
 - Remain alive and productive for many years³
 - Obtain oxygen and nutrients from vitreous³
 - Are sequestered from the immune system³
- **Revakinagene taroretcel-lwey was approved by the FDA for the treatment of adults with MacTel on March 5, 2025**



CNTF, ciliary neurotrophic factor; FDA, US Food and Drug Administration; MacTel, macular telangiectasia type 2; RPE, retinal pigment epithelium.

1. Kauper K, et al. *Invest Ophthalmol Vis Sci*. 2025;66:3. 2. Wen R, et al. *Prog Retin Eye Res*. 2012;31:136-151. 3. Tao W. *Expert Opin Biol Ther*. 2006;6:717-726. 4. Chew EY, et al. *NEJM Evid*. 2025;4:EVIDoa2400481. 5. Encelto [package insert]. Cumberland, RI: Neurotech Pharmaceuticals; 2025. 6. Plakkot S, et al. Poster presented at: Association for Research in Vision and Ophthalmology; April 23–27, 2023; New Orleans, LA.

Revakinagene Taroretcel-lwey Has Been Studied Across 3 Randomized, Sham-Controlled Clinical Trials

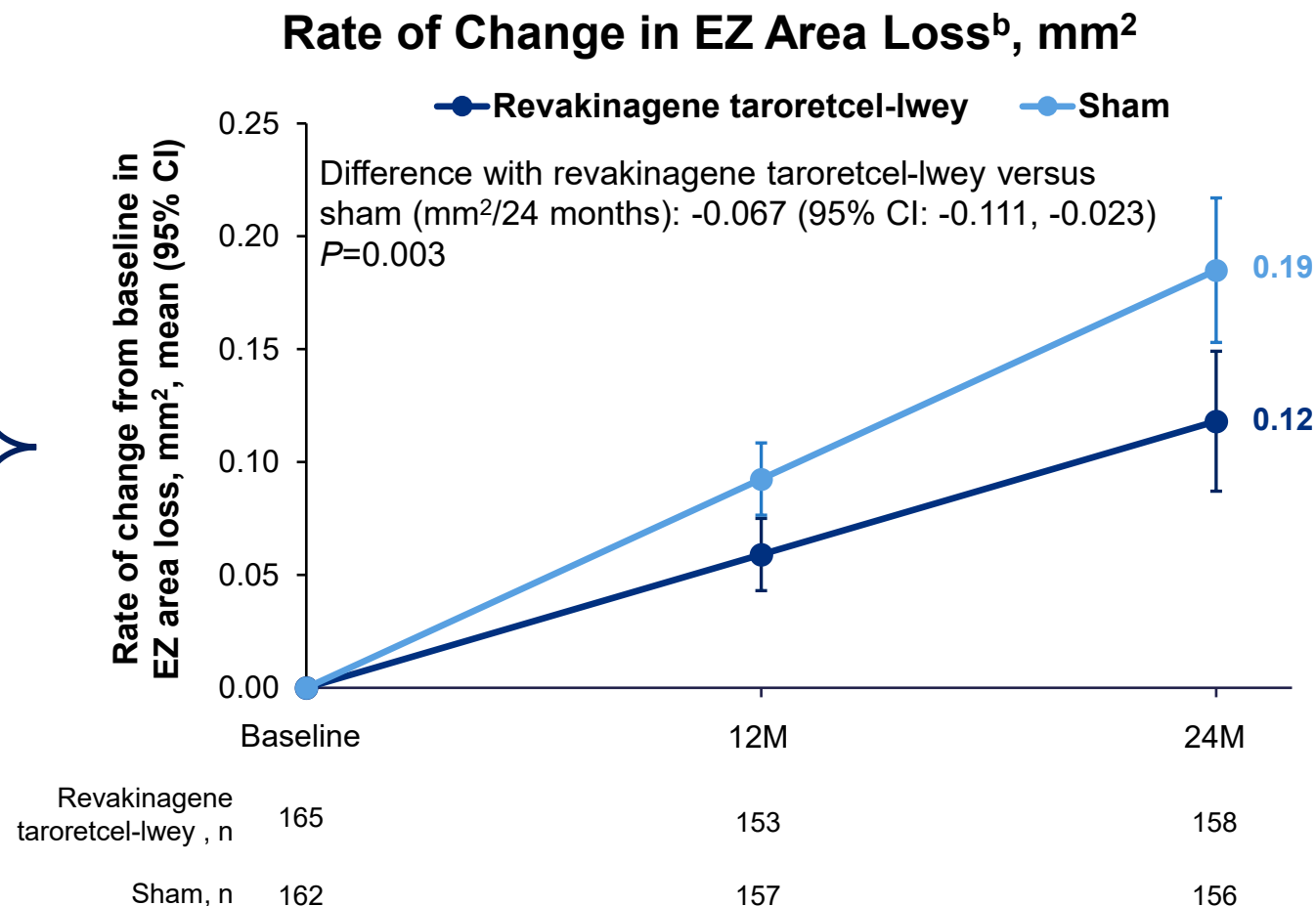


BCVA, best corrected visual acuity; ETDRS, Early Treatment Diabetic Retinopathy Study; EZ, ellipsoid zone; MacTel, macular telangiectasia type 2.

^aNCT01949324. ^bNCT03316300. ^cNCT03319849. ^dParticipants with one eligible eye (35 participants) received revakinagene taroretcel-lwey (16 eyes) or sham (19 eyes). In participants with two eligible eyes (32 participants), one eye received revakinagene taroretcel-lwey (32 eyes) and one eye received sham procedure (32 eyes). If both eyes were eligible, the right eye was randomized 1:1 to sham or revakinagene taroretcel-lwey and the left eye received other surgery.

Revakinagene Taroretcel-lwey Demonstrated Greater Preservation of EZ Area Over 2 Years Compared With Sham in All-Treated Participants^a

- A **7.7%** reduction in photoreceptor loss with revakinagene taroretcel-lwey compared with sham in **Phase 2**
- A **54.6%** reduction in photoreceptor loss with revakinagene taroretcel-lwey compared with sham in **Phase 3, Study A**
- A **30.4%** reduction in photoreceptor loss with revakinagene taroretcel-lwey compared with sham in **Phase 3, Study B**



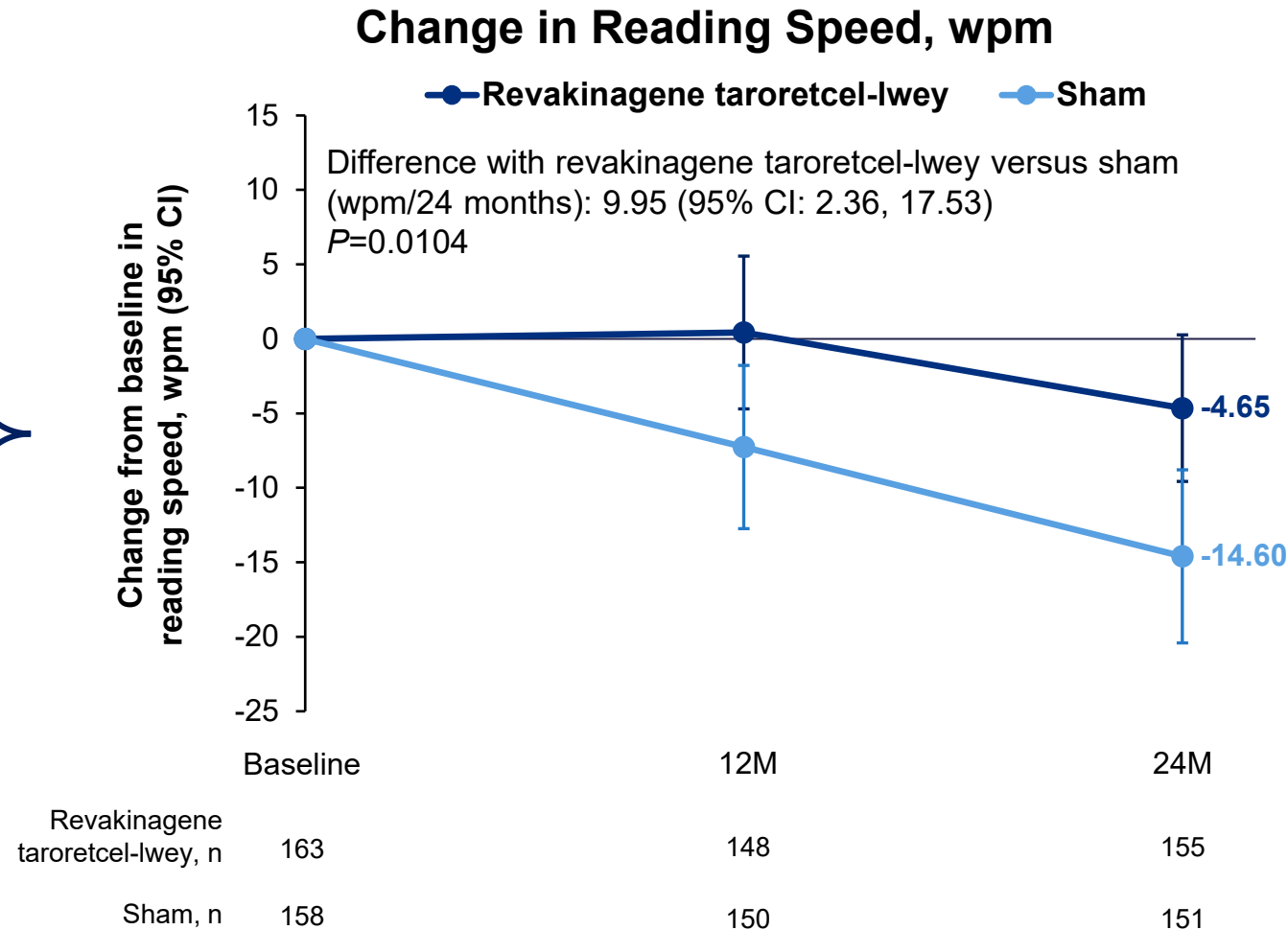
36.2%
reduction in
photoreceptor
loss

CI, confidence interval; EZ, ellipsoid zone; M, month.

^aPer the NTMT-02 study design, participants with two eligible study eyes received revakinagene taroretcel-lwey in one eye and sham in the other eye. These 32 participants are included in both groups for the pooled analysis, by study eye. ^bRate of EZ change, difference, and CIs from a repeated measures model. The outcome variable is EZ area assessed longitudinally at baseline, Months 12, 16 (Phase 3 only), 18 (Phase 2 only), 20 (Phase 3 only), and 24. At baseline, EZ area is calculated as the mean area across two independent readers. The model includes treatment group, time (continuous), treatment × time interaction, and participant-specific random intercepts. The difference between treatment groups in rate of EZ change is estimated at Month 12 and Month 24 based on the treatment × time interaction term.

Revakinagene Taroretcel-lwey Preserved Reading Speed Over 2 Years Compared With Sham in All-Treated Participants^a

- An **86.1%** reduction in reading speed loss with revakinagene taroretcel-lwey compared with sham in **Phase 2**
- A **49.3%** reduction in reading speed loss with revakinagene taroretcel-lwey compared with sham in **Phase 3, Study A**
- A **71.0%** reduction in reading speed loss with revakinagene taroretcel-lwey compared with sham in **Phase 3, Study B**

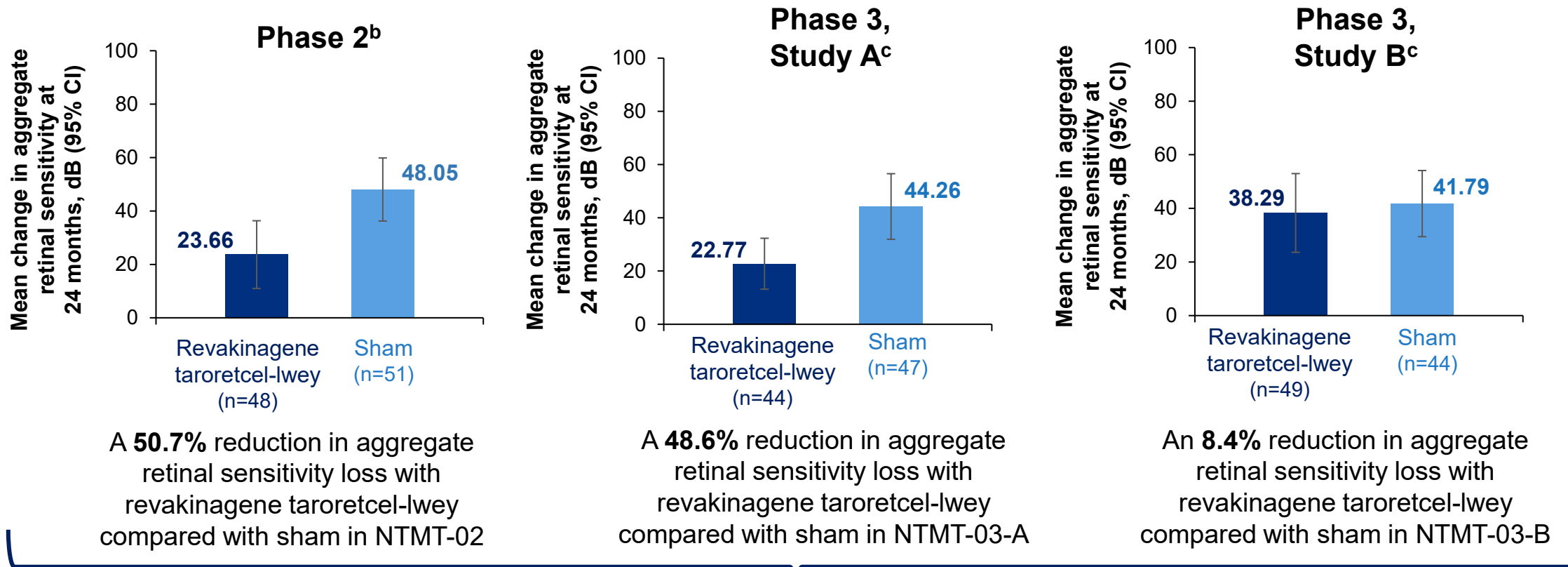


68.2%
reduction in
reading
speed loss

CI, confidence interval; M, month; wpm, words per minute.

^aPer the NTMT-02 study design, participants with two eligible study eyes received revakinagene taroretcel-lwey in one eye and sham in the other eye. These 32 participants are included in both groups for the pooled analysis, by study eye.

Revakinagene Taroretcel-lwey Preserved Aggregate Retinal Sensitivity (Microperimetry) Over 2 Years Compared With Sham^a



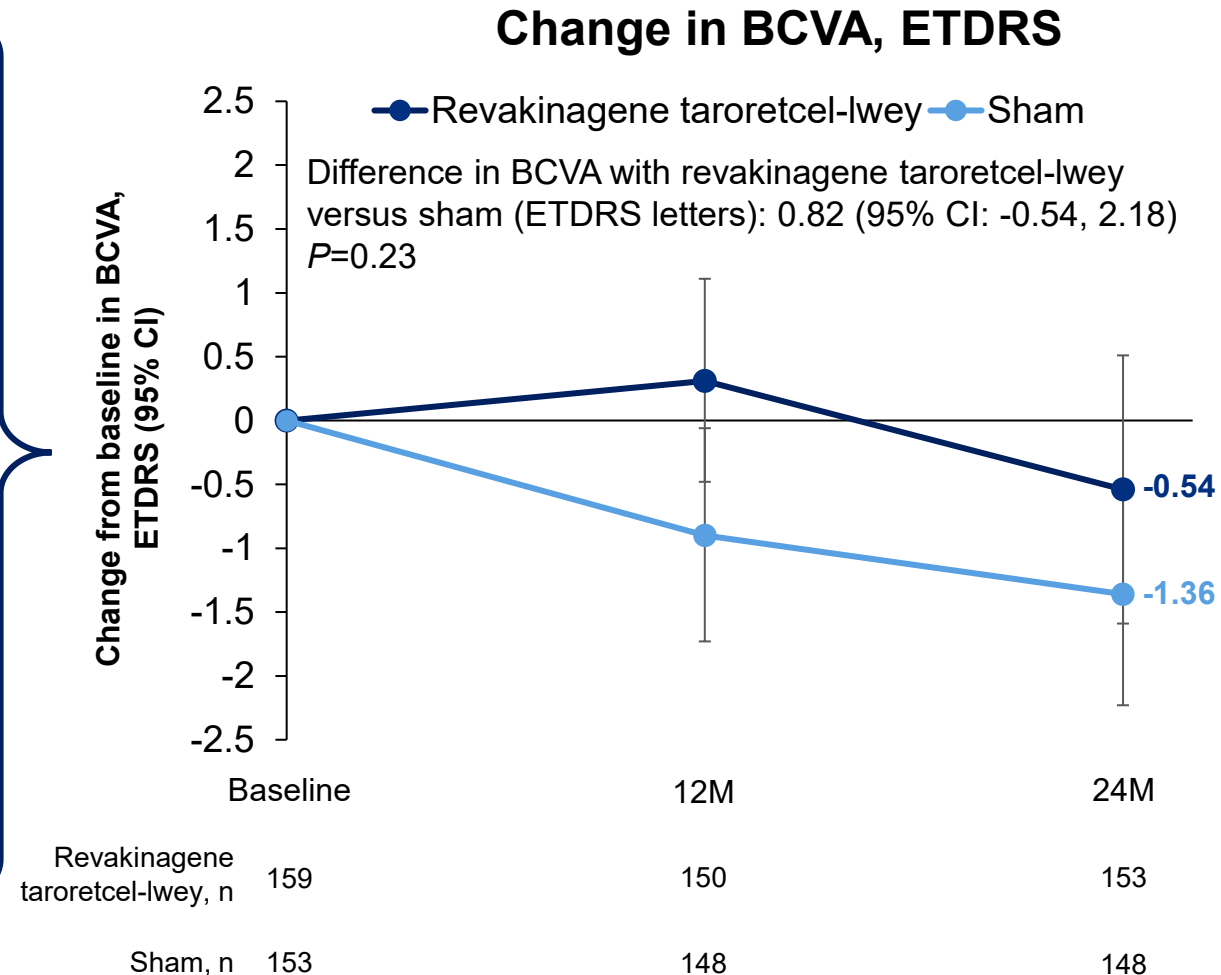
36.6% reduction in aggregate retinal sensitivity loss across the three studies^d

CI, confidence interval; dB, decibel; MAIA, Macular Integrity Assessment.

^aRetinal sensitivity was measured via MAIA microperimetry. ^bIn the Phase 2 study, retinal sensitivity is reported for the per-protocol population, which included all treated participants who had no major protocol infractions (defined prior to unmasking of the study). Per the NTMT-02 study design, participants with two eligible study eyes received revakinagene taroretcel-lwey in one eye and sham in the other eye. These 32 participants are included in both groups for the pooled analysis by study eye. ^cIn the Phase 3 studies, the retinal sensitivity per-protocol population is reported, including all treated participants who had a baseline and Month 24 microperimetry collected according to study protocol. ^dResults per study in the respective per-protocol populations were weighted by the proportion of treated eyes with non-missing data in each study and combined descriptively.

BCVA Remained Stable for Both Treatment Arms Over 2 Years^a

Mean change in BCVA from baseline to Month 24 (95% CI), ETDRS		
Study	Revakinagene Taroretcel-lwey	Sham
Phase 2	-1.93 (-3.80, -0.05)	-2.00 (-3.35, -0.65)
Phase 3, Study A	0.19 (-1.81, 2.20)	-0.57 (-2.26, 1.11)
Phase 3, Study B	-0.29 (-1.87, 1.30)	-1.71 (-3.11, -0.30)



60.3%
reduction in
BCVA loss

BCVA, best corrected visual acuity; CI, confidence interval; ETDRS, Early Treatment Diabetic Retinopathy Study; M, month.

^aPer the NTMT-02 study design, participants with two eligible study eyes received revakinagene taroretcel-lwey in one eye and sham in the other eye. These 32 participants are included in both groups by study eye.

Conclusions

- Revakinagene taroretcel-lwey conferred both **anatomic and visual function benefits** across three randomized, sham-controlled studies
- Relative to sham, revakinagene taroretcel-lwey demonstrated a:
 - Preservation of anatomy
 - 36.2% reduction in photoreceptor loss
 - Preservation of function
 - 68.2% reduction in reading speed loss
 - 36.6% reduction in retinal sensitivity loss^a

^aResults per study in the respective per-protocol populations were weighted by the proportion of treated eyes with non-missing data in each study and combined descriptively.

Acknowledgments

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- MacTel Project investigators and their research teams (in the Natural History Registry Study and the Phase 1, 2, and 3 clinical trials)
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