Corporate Presentation

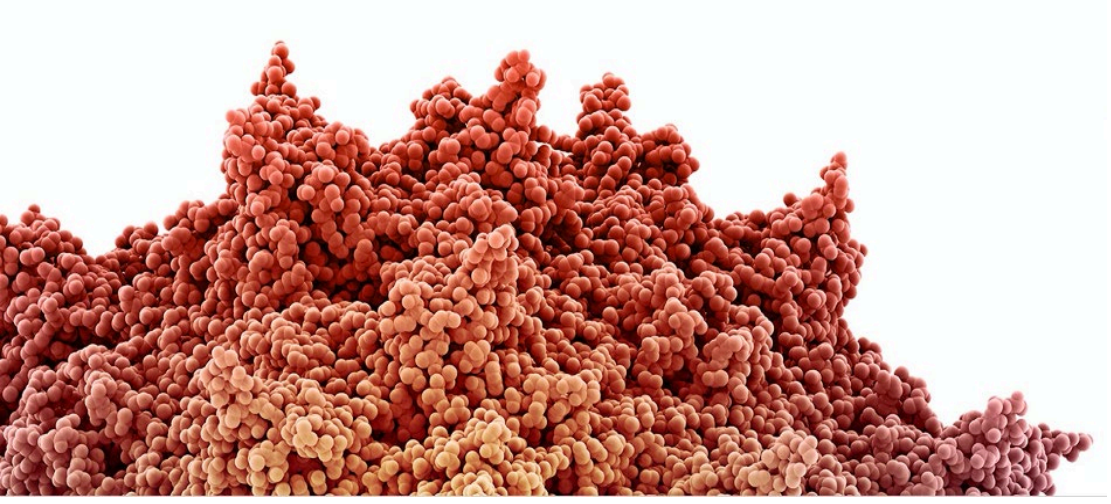
Leader in AAV Gene Therapy

5 | 3 | 2023

Forward-looking statements

This presentation includes “forward-looking statements,” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements express a belief, expectation or intention and are generally accompanied by words that convey projected future events or outcomes such as “believe,” “may,” “will,” “estimate,” “continue,” “anticipate,” ”assume,” “design,” “intend,” “expect,” “could,” “plan,” “potential,” “predict,” “seek,” “should,” “would” or by variations of such words or by similar expressions. The forward-looking statements include statements relating to, among other things, REGENXBIO’s future operations, clinical trials, costs and cash flow. REGENXBIO has based these forward-looking statements on its current expectations and assumptions and analyses made by REGENXBIO in light of its experience and its perception of historical trends, current conditions and expected future developments, as well as other factors REGENXBIO believes are appropriate under the circumstances. However, whether actual results and developments will conform with REGENXBIO’s expectations and predictions is subject to a number of risks and uncertainties, including the outcome of REGENXBIO’s collaboration with AbbVie and other factors, many of which are beyond the control of REGENXBIO. For a summary of certain of these risks and uncertainties, refer to the “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” sections of REGENXBIO’s Annual Report on Form 10-K for the year ended December 31, 2022 and comparable “risk factors” sections of REGENXBIO’s Quarterly Reports on Form 10-Q and other filings, which have been filed with the U.S. Securities and Exchange Commission (SEC) and are available on the SEC’s website at www.sec.gov. All of the forward-looking statements made in this presentation are expressly qualified by the cautionary statements contained or referred to herein. The actual results or developments anticipated may not be realized or, even if substantially realized, they may not have the expected consequences to or effects on REGENXBIO or its businesses or operations. Such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Readers are cautioned not to rely too heavily on the forward-looking statements contained in this presentation. These forward-looking statements speak only as of the date of this presentation. Except as required by law, REGENXBIO does not undertake any obligation, and specifically declines any obligation, to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Seeking to improve lives through the curative potential of gene therapy



Leading pipeline of AAV Therapeutics with the potential to deliver one-time treatments

Strategic partnership with AbbVie to develop and commercialize AAV Therapeutics for retinal disease

Proprietary AAV Therapeutics manufacturing with analytics, delivery device and global supply platform

Strong balance sheet to fund operations into 2025

“5 x 25” strategy to progress 5 AAV Therapeutics from our internal pipeline and licensed programs into pivotal-stage or commercial products by 2025

REGENXBIO's internal pipeline

Indication	Development Stage				Commercial Rights
	Research	Preclinical	Phase I / II	Pivotal	
Retinal Disease					
wet AMD (subretinal)			ABBV-RGX-314 SR		abbvie U.S. Equal Profit Share Ex-U.S. Tiered Royalties
wet AMD (suprachoroidal)			ABBV-RGX-314 SC		
Diabetic retinopathy (suprachoroidal)			ABBV-RGX-314 SC		
Other chronic retinal conditions					
Batten disease (CLN2) ▲★			RGX-381		Worldwide
Neuromuscular Disease					
Duchenne muscular dystrophy ▲★ ■			RGX-202		Worldwide
Neurodegenerative Disease					
Hunter syndrome (MPS II) ▲★ ■			RGX-121		Worldwide
Hurler syndrome (severe MPS I) ▲★ ■			RGX-111		Worldwide
Batten disease (CLN2) ▲★			RGX-181		Worldwide

▲ Orphan Drug Designation
★ Rare Pediatric Disease Designation
■ Fast Track Designation
● AAV-mediated antibody delivery for chronic diseases
● Monogenic gene replacement

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Retinal Diseases

Strategic partnership with AbbVie to develop and commercialize ABBV-RGX-314, a potential one-time gene therapy for treatment of wet AMD and diabetic retinopathy

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- Leadership and expertise in AAV and retinal gene therapy
- Strong in-house capabilities of AAV manufacturing

abbvie

- Leading eye care company
- Global development and commercial infrastructure

Details of Partnership

- **$370 million upfront payment** with up to **$1.38 billion in additional development, regulatory and commercial milestones**
- Collaboration for the development and commercialization of ABBV-RGX-314 with **equal share of profits in U.S. and REGENXBIO to receive royalties outside the U.S.**
- **REGENXBIO will lead the manufacturing of ABBV-RGX-314** for clinical development and U.S. commercial supply

Current Program Status for ABBV-RGX–314

Subretinal

Phase I/IIa trial for nAMD is complete; long-term follow-up continues

Phase II Pharmacodynamic trial for nAMD is ongoing

Two pivotal trials for nAMD are ongoing

ATMOSPHERE

ASCENT

Suprachoroidal

Phase II trial for nAMD is ongoing

AAVIATE

Phase II trial for diabetic retinopathy is ongoing

ALTITUDE

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ABBV-RGX–314: Potential best-in-class, one-time gene therapy for treatment of wet age-related macular degeneration (wet AMD)

THE DISEASE

- Blurring of central vision and progressive vision loss due to formation of leaky blood vessels in the eye
- VEGF inhibitors are standard of care to treat fluid and associated vision loss
- Frequency / uncomfortable administration of current anti-VEGF therapies affects compliance and ultimately efficacy
- >2 million patients estimated in U.S., Europe and Japan

ABBV-RGX–314 PRODUCT CANDIDATE

Vector: AAV8

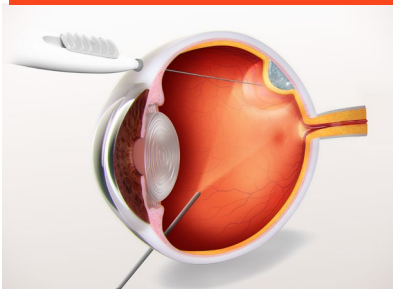
Gene: anti-VEGF Fab

Mechanism of action

Reducing leaky blood vessel formation by giving retinal cells the ability to produce an anti-VEGF fab

Routes of administration

Subretinal (SR)



Suprachoroidal (SC)

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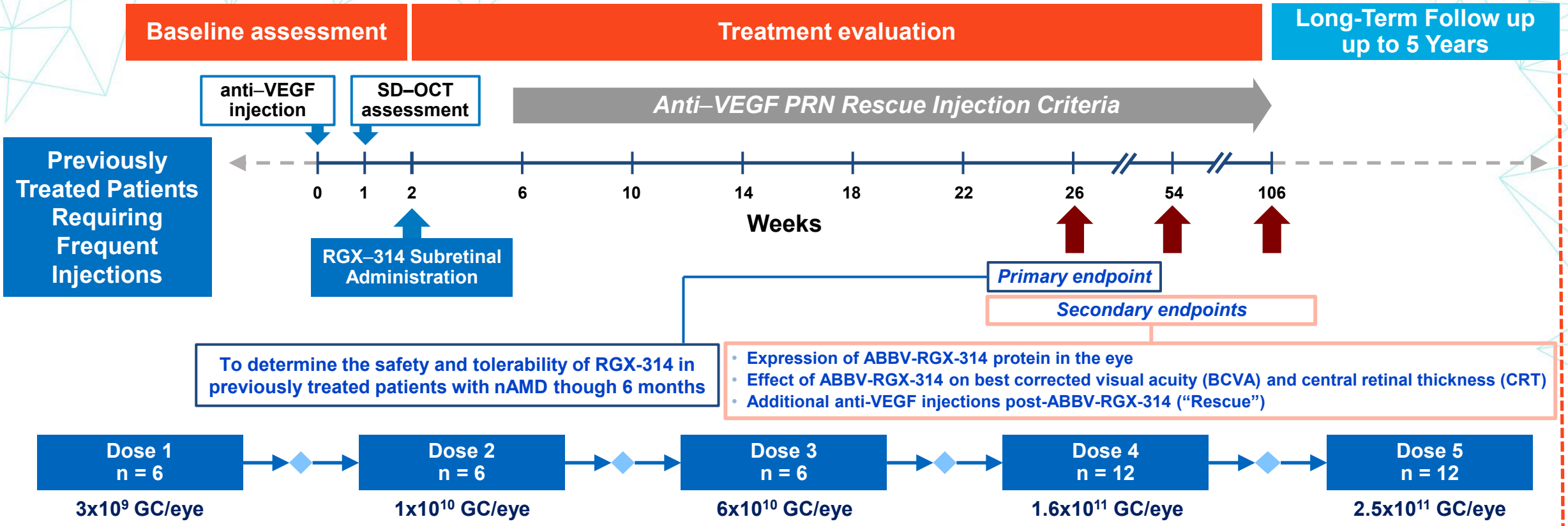
ABBV-RGX-314 Phase I/IIa and Long-Term Follow-up Trial in wAMD: Trial Design



- **Long Term Follow-up to 5 years** post RGX-314 to assess safety and efficacy
- **Patients managed per MD discretion** – no protocol retreatment criteria

Scheduled Visits

- Every 6 months for the first year
- At 12 months, visits annually until End of Study
- Data collected:
  - Vision, safety, and OCT
  - Chart review conducted
    - Number of visits and anti-VEGF injections

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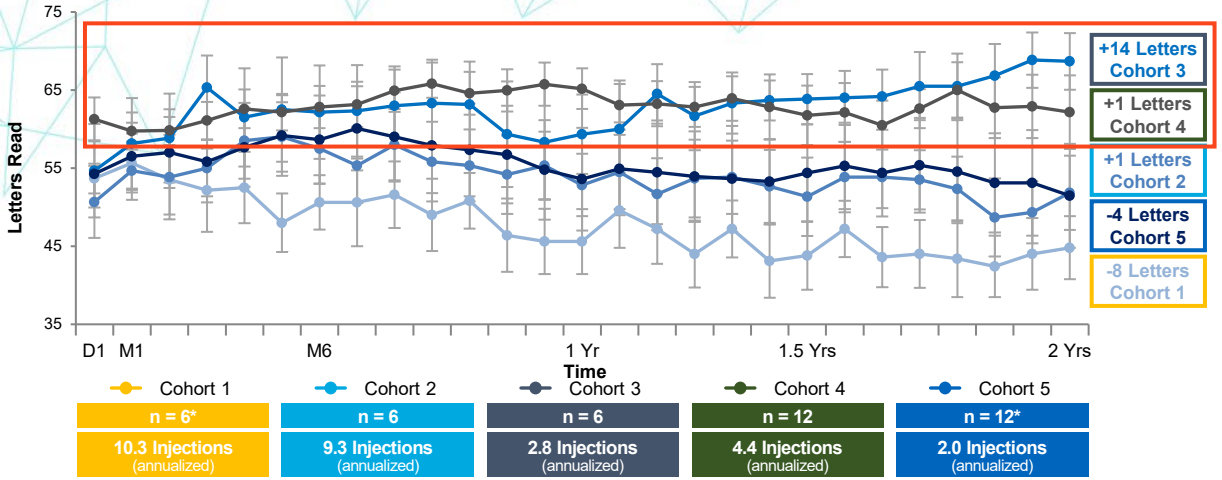
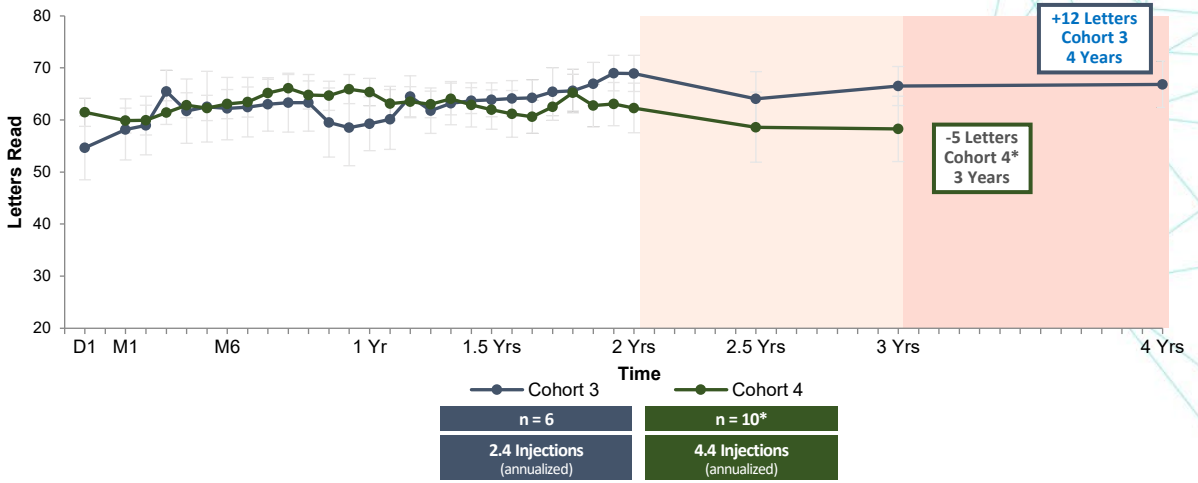
Safety review: Dose escalation safety review to occur four weeks after final patient in each cohort has been dosed

ABBV-RGX-314 Phase I/IIa Trial into LTFU: Stable to Improved VA and Anatomy, with Meaningful Reduction in anti-VEGF Injection Burden through 4 Years in Cohort 3

Best Corrected Visual Acuity (BCVA)



* One patient in Cohort 1 and one patient in Cohort 5 discontinued the study, both prior to visits at Week 22, and missing data post discontinuation was not used in the analysis. Another patient in Cohort 5 has missed the visits due to COVID-19 from Week 50 through Week 74 and from Week 86 through Week 94. For this patient, missing visits were imputed using last observation carried forward (LOCF). Twelve additional missing BCVA results were interpolated.

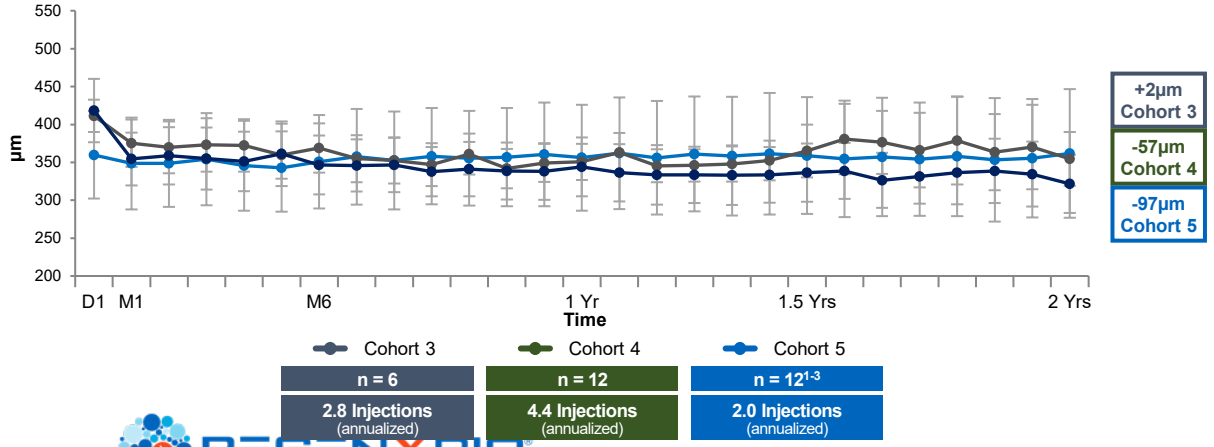


Data cut: August 29, 2022.
*One patient did not enroll in the LTFU study; one patient enrolled but did not have a study visit.

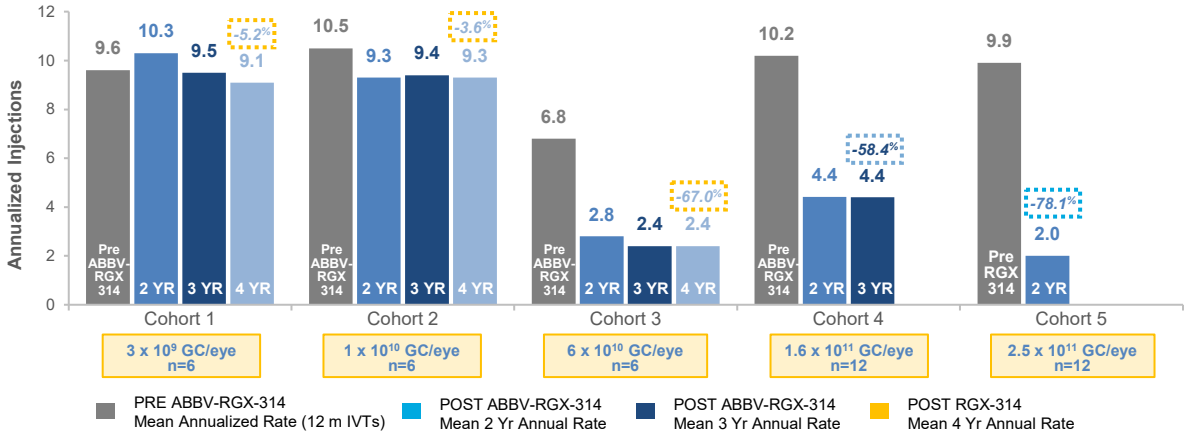
Stable to Improved Anatomy

with Meaningful Reduction in anti-VEGF Injection Burden

Central Retinal Thickness (CRT) by Central Reading Center



Annualized Injection Rate[4]



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1. One patient in Cohort 5 discontinued the study prior to the Week 22 visit and missing data post discontinuation was not imputed. Another patient in Cohort 5 has missed the visits due to COVID-19 from Week 50 through Week 74 and from Week 86 through Week 94. For this patient, missing visits were imputed using last observation carried forward (LOCF). 2. Ten additional missing BCVA results were interpolated. 3. Thirteen additional missing CRT results were interpolated. 4. Prior annual rate is (Total # of prior IVTs)/(minimum(366 days, Duration between first ever IVT and Day 1)/365.25). Post RGX-314 annual rate is (Total # of IVTs on Study)/(Duration on Study/365.25) where on study is defined from RGX-314 administration to a specified cut-off date.
Retreatment Criteria: Any CNV-related increased, new, or persistent fluid; Vision loss of ≥5 letters associated with fluid; New ocular hemorrhage

Phase I/IIa Trial: Cohorts 3–4:[a] Long-term, Durable Treatment Effect Over 3 or 4 Years[1,2]

	Cohort 3 (N=6)	Cohort 4 (N=12)
Stable or improved VA vs. baseline[b]	**+12** letters at 4 years **+12** letters at 3 years	**-5** letters at 3 years **+1** letter at 2 years
Stable or improved CRT vs. baseline[c]	**+2** µm at 2 years	**-57** µm at 2 years[d]
Reduced anti-VEGF injection burden vs. pre-ABBV-RGX-314 treatment[e]	**2.4** injections/year **67%** reduction at 4 years	**4.4** injections/year **58%** reduction at 3 years
Stable intraocular ABBV-RGX-314 protein[f]	**217.8** ng/mL at 6 months **227.2** ng/mL at 2 years	**643.8** ng/mL at 6 months **272.8** ng/mL at 2 years[g]

[a]Cohort 3: 6 x 10^{10} GC/eye (n=6), Cohort 4: 1.6 x 10^{11} GC/eye (n=12); [b]Mean change in best-corrected VA from baseline; [c]Mean change in CRT from baseline; [d]One patient did not enroll in the LTFU study; one patient enrolled but did not have a study visit; [e]Reduction of annualized rate of anti-VEGF injections compared to 12 months prior to RGX-314 administration; [f]Mean RGX-314 protein concentration; [g]n=11 as one patient did not have a Year 2 sample.

CRT: Central Retinal Thickness; GC: Genomic Copies; VA: Visual Acuity; VEGF: Vascular Endothelial Growth Factor.

1. Campochiaro, P. Oral presentation at AAO 2022, October 1, 2022, Chicago, IL, USA. 2. 1. Ho A, et al. Oral presentation at Retina Society Annual Meeting 2021, September 29–October 2, 2021, Chicago, IL, USA.

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Phase I/IIa and LTFU Trial: Safety

ABBV-RGX-314 Phase I/IIa nAMD: Overall Safety*

- **ABBV-RGX–314 continues to be generally well–tolerated across all doses (n=42)**
- 20 SAEs were reported in 13 patients[1]; one possibly drug-related SAE reported in a patient in Cohort 5[2]
- Common ocular AEs[3] in the study eye included:
  - Retinal pigmentary changes[4] (69% of all patients; 87% of patients in Cohorts 3-5) – 62% mild, 2 severe (Cohort 5)[5]
  - Post-operative conjunctival hemorrhage (69% of patients) – 100% mild, majority resolved within days to weeks
  - Post-operative inflammation[6] (36% of patients) – resolved within days to weeks, 100% mild
  - Retinal hemorrhage (26% of patients) – an anticipated event in the severe nAMD population, 91% mild
  - Post-operative visual acuity reduction (17% of patients) – majority resolved within days to weeks, 100% mild
  - Eye irritation (17% of patients – 57% mild) and eye pain (17% of patients – 86% mild)
- ***No reports of clinically-determined immune responses, drug-related ocular inflammation, or post-surgical inflammation beyond what is expected following routine vitrectomy***

ABBV-RGX-314 Long-Term Follow-Up: Safety^

- ABBV-RGX–314 continues to be generally well-tolerated in the long-term follow-up study (n=37)[7] with 2.5–5 years of follow-up
- 9 SAEs were reported in 4 patients, and none were considered drug-related
- Drug-related ocular AEs:
  - Cohort 1–4: no new events
  - Cohort 5: one case of significant vision decrease during the long-term follow-up study, in a patient that had macular pigmentary changes after a superior bleb in the Phase I/IIa study

*Data cut September 13th, 2021; ^Data cut August 29, 2022; SAE: Serious Adverse Event; AE: Adverse Event

1. Includes two deaths unrelated to RGX-314; 2. Significant decrease in vision; 3. Common ocular AEs defined by ≥ 15% of patients; 4. Retinal pigmentary changes observed were hypo and hyper pigmentation on imaging occurring in the bleb area or inferior retina; 5. The two severe cases occurred at the highest dose after receiving a superior bleb. These patients developed pigmentary changes peripherally and in the macula, and had a decrease in vision; 6. Postoperative inflammation includes AC cells, flare, or inflammation. 7. Patients with at least one visit in the LTFU study

ABBV-RGX-314 Phase II Subretinal Pharmacodynamic (PD) nAMD Study

Commercial-ready, Bioreactor (BRX) manufacturing process is expected to support future commercialization of ABBV-RGX-314

A Phase II PD nAMD study was conducted to evaluate ABBV-RGX-314 from the planned commercial process (BRX) vs. the initial clinical research process (Hyperstack®, HS):

All Dose Cohorts (n=46 out of 60)

- ABBV-RGX-314 manufactured by both BRX and HS are well-tolerated with no ABBV-RGX-314-related SAEs

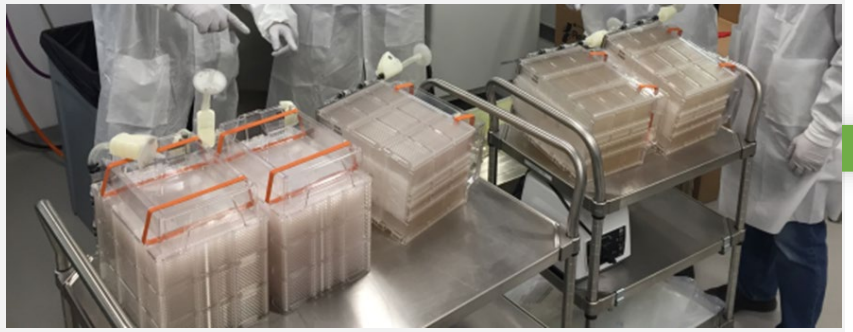
High Dose Cohorts (BRX and HS; n=30) through Month 6

- ABBV-RGX-314 manufactured by the BRX process demonstrated a similar clinical profile to the HS

Results from this study support the commercial-ready BRX manufacturing process

Data cut: November 14, 2022.

Implementation of a Commercial-Ready Bioreactor Process (NAVXpress™)

Adherent (Hyperstack®, HS)	Suspension (Bioreactor, BRX)
Initial Clinical Research Process	*Commercial-Ready Process*
	

Cell Culture	**HEK293 cell line and triple transfection**		≈
Purification	**Chromatography (same steps, different scales)**		≈
Product Quality	**Analytical Comparability Demonstrated**		≈
Productivity	Small Scale	Scalable to 2,000L (global supply)	+
	Manual process	Highly-Automated Process	+
	Low Yield	High Yield	+

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ABBV-RGX-314 pivotal program for wet AMD: ATMOSPHERE® and ASCENT™ clinical trials using subretinal delivery

OBJECTIVES

Primary

- Non-inferiority in the mean change in BCVA for ABBV-RGX–314 compared to repeated intravitreal injections of anti-VEGF treatment at 1 year

Secondary

- Safety and tolerability of ABBV-RGX-314
- Effect of ABBV-RGX–314 on vision and retinal anatomy
- Additional anti–VEGF injections post-ABBV-RGX–314

Subjects: approximately 1,200 total

Route of administration: Subretinal

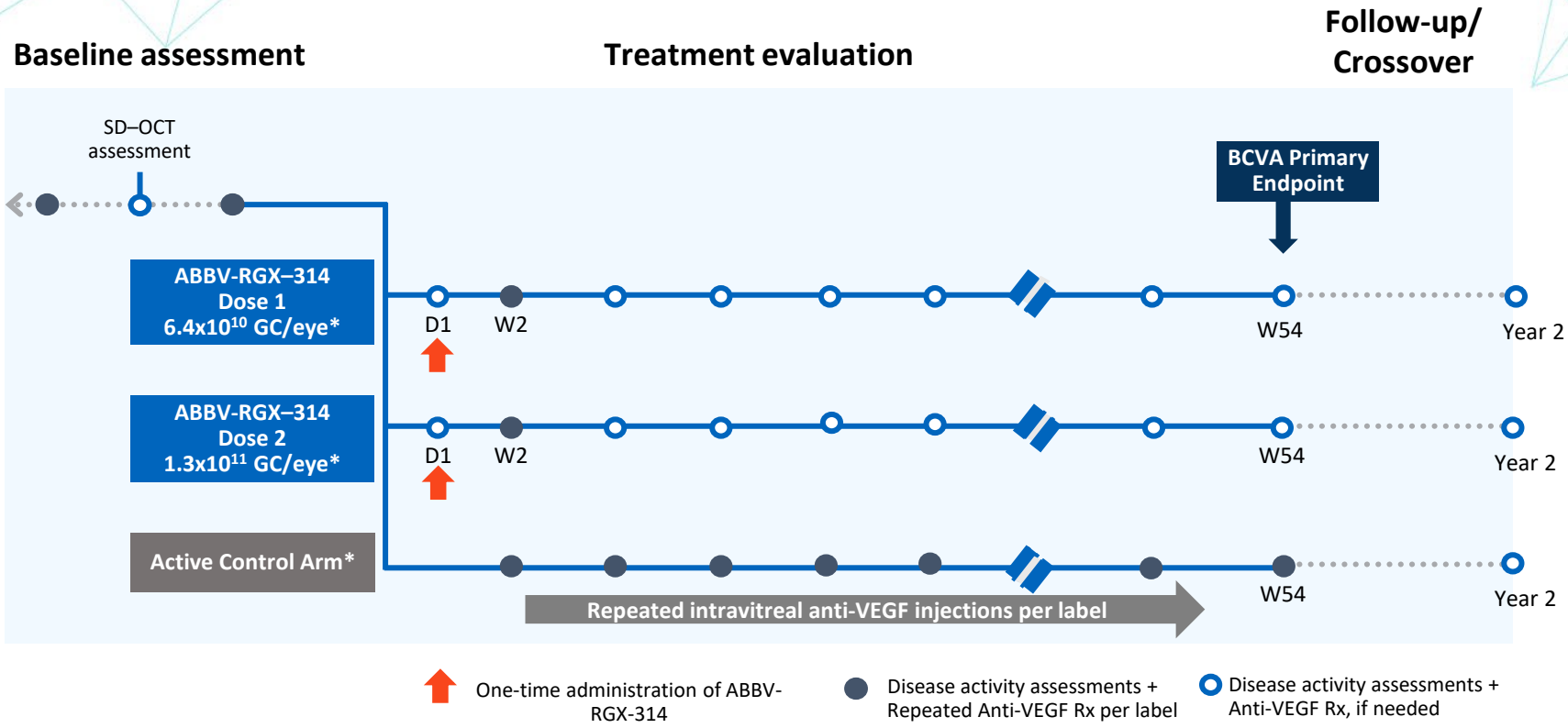
Sites: Leading retinal surgery centers across the United States and Canada

KEY INCLUSION CRITERIA

- Male or female ≥ 50 to 89 years of age
- Previously treated wet AMD subjects requiring anti-VEGF therapy
- Documented response to anti–VEGF at trial entry (assessed by SD–OCT)
- Vision of 20/32 to 20/160
- Pseudophakic (status post cataract surgery)

ABBV-RGX-314 pivotal program for wet AMD: ATMOSPHERE® and ASCENT™ trial designs

Administration and follow-up timeline



ATMOSPHERE

n=540 patients*

Active Control Arm: Ranibizumab 0.5mg q4w

ASCENT

n=660 patients*

Active Control Arm: Aflibercept 2.0mg q8W

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*1:1:1 randomization

AAVIATE® Phase II clinical trial: ABBV-RGX-314 for wet AMD using suprachoroidal delivery

OBJECTIVES

Primary

- To evaluate the mean change in BCVA for ABBV-RGX-314 compared with ranibizumab monthly injection at Month 9

Secondary

- Safety and tolerability of ABBV-RGX-314
- Change in central retinal thickness (CRT) as measured by Spectral Domain Optical Coherence Tomography (SD-OCT)
- Additional anti–VEGF injections post-ABBV-RGX–314

Subjects: Up to 115 total

Route of administration: Suprachoroidal using SCS Microinjector

Sites: Fifteen leading retinal centers across the United States

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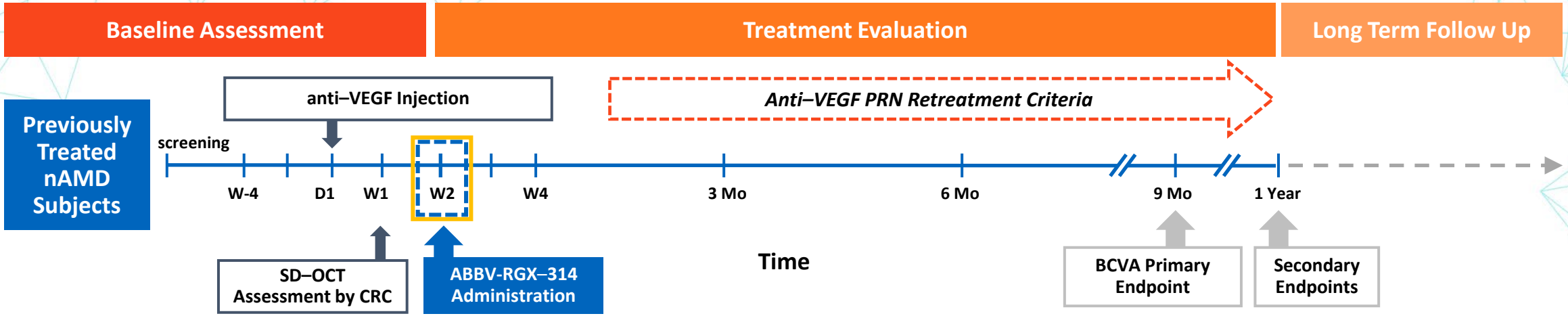
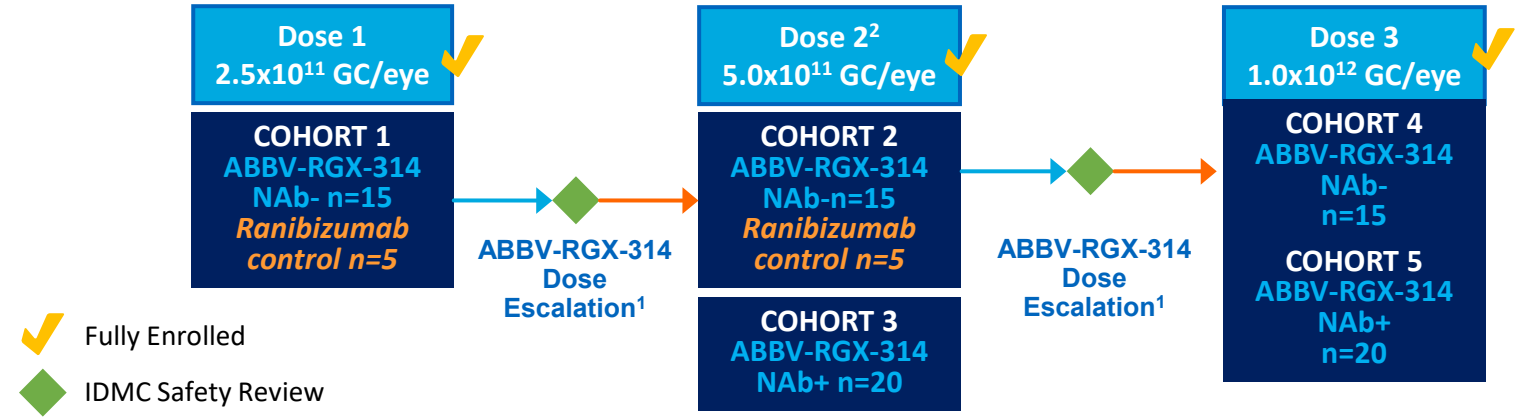
KEY INCLUSION CRITERIA

- Male or female ≥50 to 89 years of age
- Previously treated wet AMD subjects with fluid on OCT at trial entry
- Documented response to anti–VEGF at trial entry (assessed by reading center)
- BCVA between ≤ 20/25 and ≥ 20/125 (≤ 83 and ≥ 44 Early Treatment Diabetic Retinopathy Study [ETDRS] letters) in the study eye
- Phakic or pseudophakic

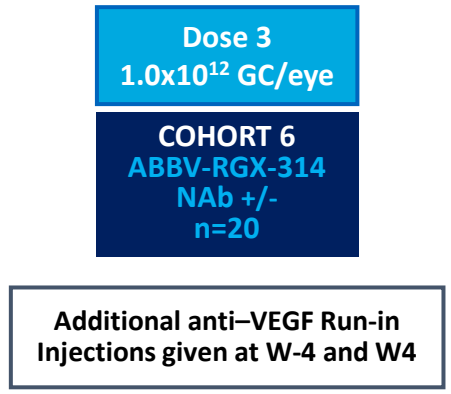
AAVIATE® Phase II clinical trial design



No prophylactic steroids given for Cohorts 1–5



Prophylactic ocular steroids added for Cohort 6

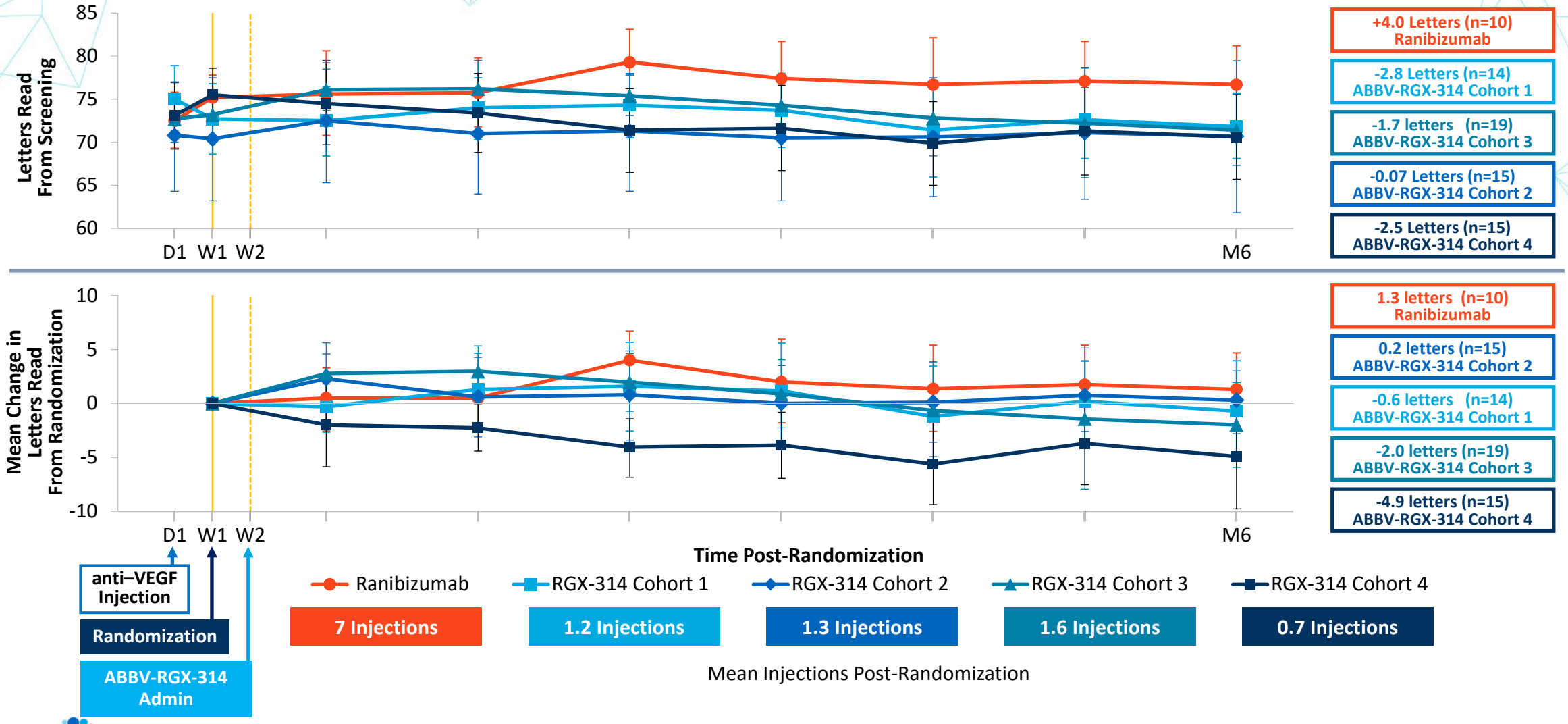


1. Dose escalation safety review to occur two weeks after final subject in each cohort has been dosed.
2. Subjects in Cohort 2 received two doses of 100µL, all other cohorts received one dose of 100µL.

NAb+ = AAV8 neutralizing antibody positive; NAb- = AAV8 neutralizing antibody negative/low

Cohorts 1-4: Mean BCVA Through Month 6

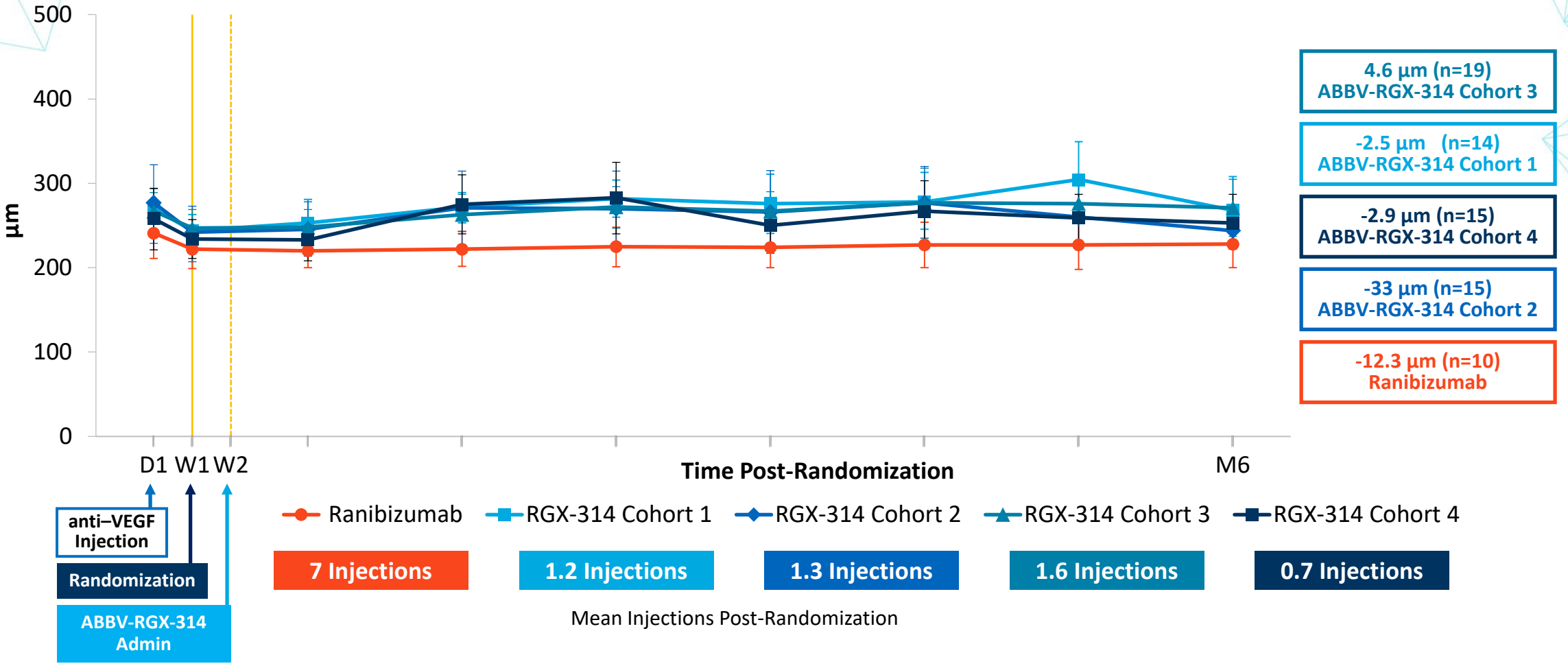
Best Corrected Visual Acuity (BCVA) 95% CI



Data cut: August 1, 2022.

Cohorts 1–4: Mean CRT from Day 1 (Screening) Through Month 6

Central Retinal Thickness (CRT) 95%CI



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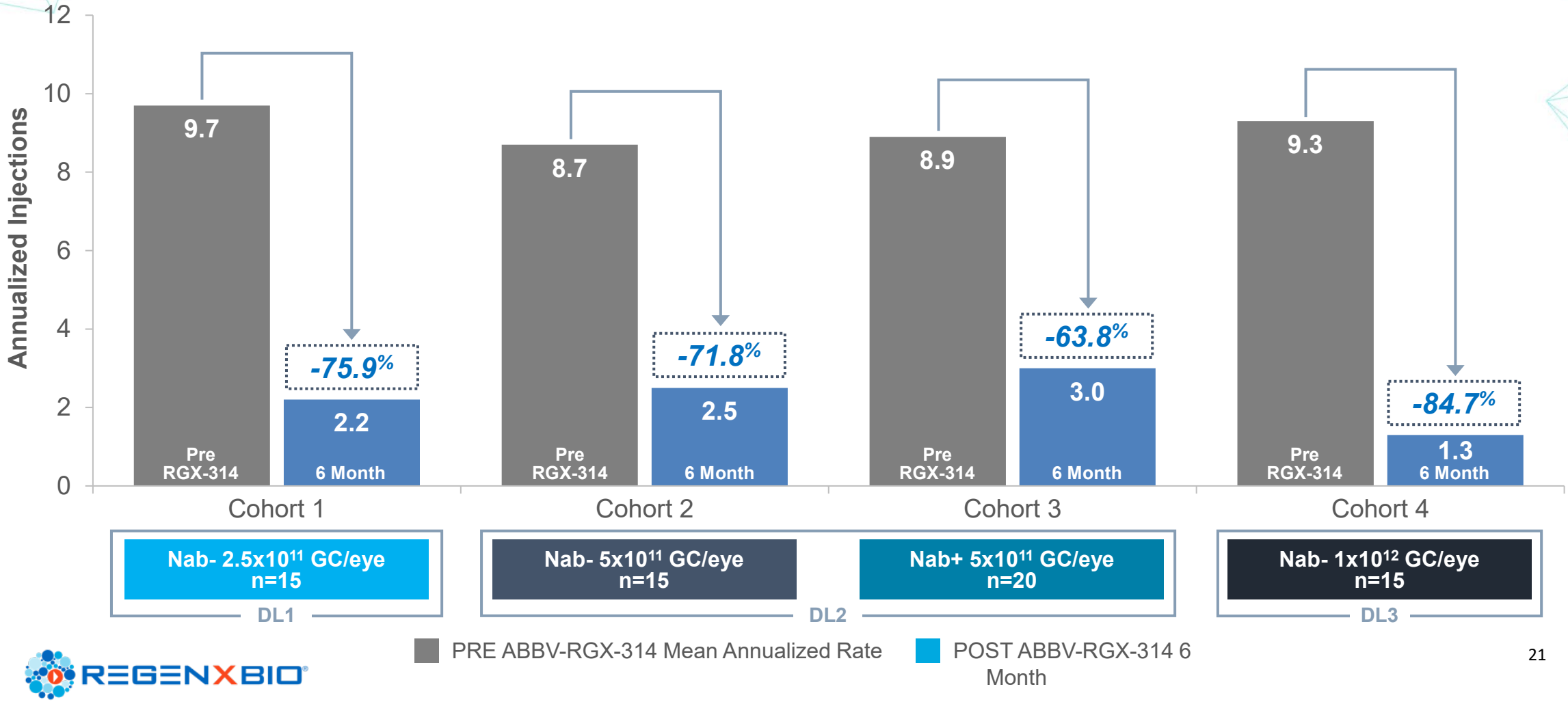
Data cut: August 1, 2022.

Mean Change in Annualized Injection Rate PRE and POST ABBV-RGX-314 in Cohorts 1–4

Annualized Injection Rate



Data cut: August 1, 2022.

AAVIATE® Safety Summary

- ABBV-RGX–314 was well–tolerated in Cohorts 1–5 (n=85) with follow-up ranging from 1–12 months post dosing
  - 15 SAEs: None considered drug-related
  - No cases of chorioretinal vasculitis or occlusion, or hypotony were observed

Cohort 1 to 4: Common Ocular TEAEs[1] in the Study Eye through 6 Months	Cohort 1 Dose 1 NAb- (N=15)	Cohort 2 Dose 2 NAb- (N=15)	Cohort 3 Dose 2 NAb+ (N=20)	Cohort 4 Dose 3 NAb - (N=15)	Total (N=65)
Intraocular Inflammation[2]	4 (26.7%)	3 (20.0%)	2 (10.0%)	6 (40.0%)	15 (23.1.%)
Conjunctival Hemorrhage	5 (33.3%)	2 (13.3%)	3 (15.0%)	1 (6.7%)	11 (16.9%)
Intraocular Pressure Increased[3]	1 (6.7%)	2 (13.3%)	3 (15.0%)	3 (15.0%)	9 (13.8%)
Conjunctival Hyperemia	2 (13.3%)	1 (6.7%)	1 (5.0%)	3 (20.0%)	7 (10.8%)
Episcleritis[4]	0	3 (20.0%)	2 (10.0%)	2 (13.3%)	7 (10.8%)

No meaningful differences based on **baseline AAV8 NAbs**

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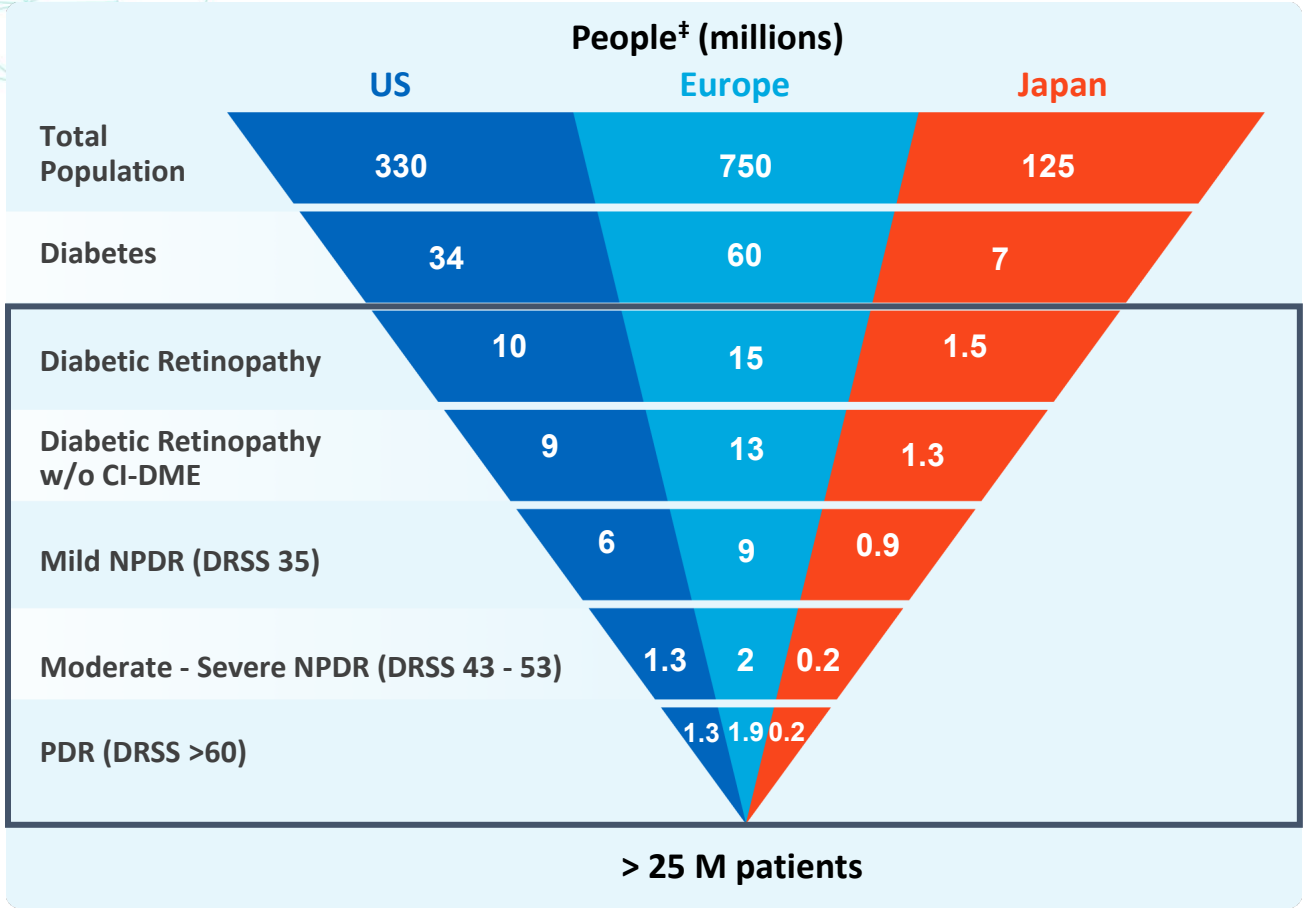
Data cut: August 01, 2022.
1. Includes AEs for total group ≥10% with onset up to 6m visit.
2. All cases were mild to moderate (range +0.5 to 2+), most presented 2-6 weeks post injection, predominantly as anterior cells on slit lamp examination. Resolved on topical corticosteroids.
3. Intraocular pressure increased and ocular hypertension have been combined into one group. All mild to moderate and all controlled.
4. All mild (grade 1), presented 2-6 weeks post injection and resolved on topical corticosteroid or NSAID treatment.

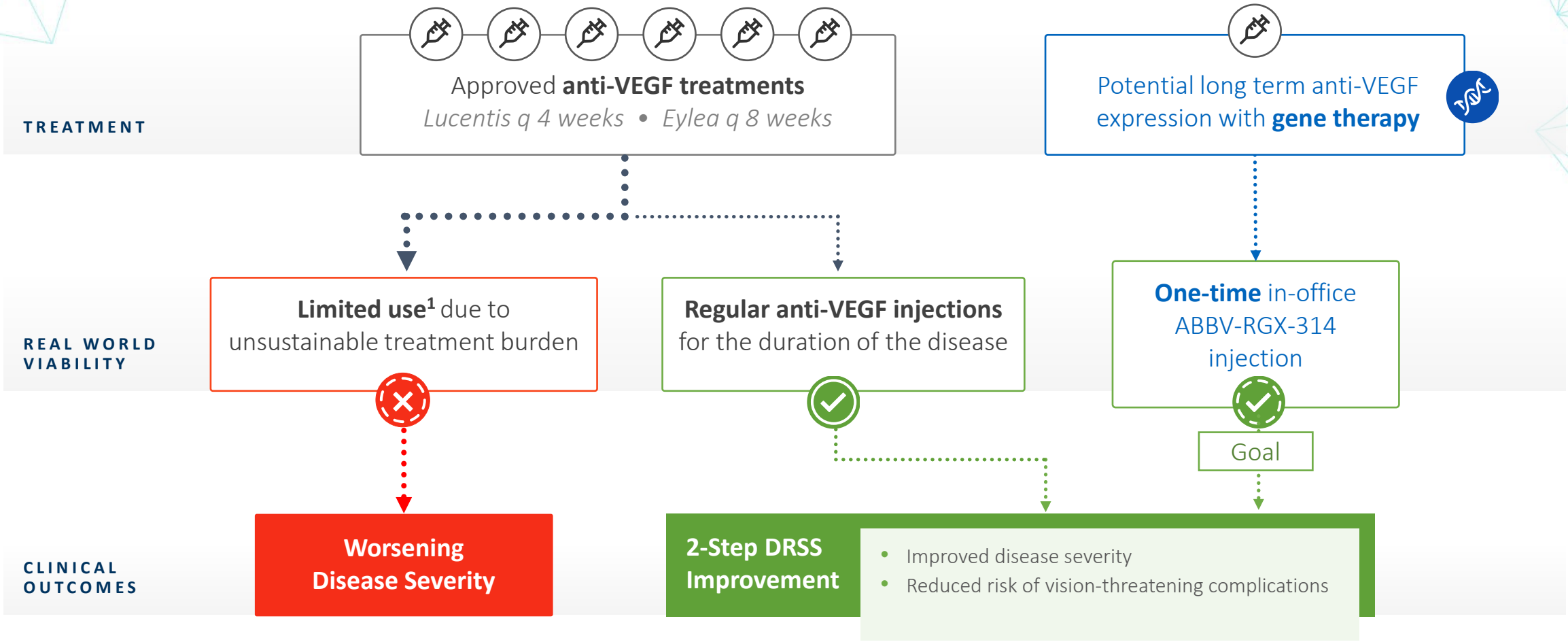
Diabetic Retinopathy is a Global Public Health Problem



- Leading cause of blindness among working-age adults[1]
- Chronic, frequent treatment with anti-VEGF has been shown to improve DR severity and reduce risk of progression to vision threatening complications (VTCs) by > 70%[2]
- Majority of DR patients without VTCs are not treated with anti-VEGF in the real world due to the unsustainable treatment burden of regular injections in the eye.[3,4]

[1]Lee, R., Wong, T.Y. & Sabanayagam, C. Eye and Vis 2015; [2]Bakri, 2021. ASRS; [3]Wykoff, CC, 2021. Diabetes Care; [4]PAT Survey, ASRS 2021.
PDR = Proliferative Diabetic Retinopathy, **DRSS** = Diabetic Retinopathy Severity Scale. **NPDR** = Non-proliferative Diabetic Retinopathy, **CI-DME** = Center-Involved Diabetic Macular Edema, **VEGF** = vascular endothelial growth factor
‡Figures have been rounded. **Patients with DME were excluded from the total DM population based on its prevalence (Varma, 2014 for US and Holekamp, 2016 for Europe and Japan), then each stage was estimated based on Wykoff, 2021.* **References:** Lee, R., Wong, T.Y. & Sabanayagam, C.. Eye and Vis 2015; United Nations WPP, 2019; CDC, National Diabetes Statistics Report; [4]Zhang X et al. JAMA; World Health Organization, 2021; Li, JQ , 2019. Eur J Ophthalmology. Eur Heart J; International Diabetes Foundation, 2020; Tanaka, 2014. Int J Epidemiology; Flaxel CJ, 2020. Ophthalmology; Bakri, 2021. ASRS; Gross JG (Protocol S), JAMA Ophthalmol 2018; Leng ASRS, Khurana ASRS, Obed 2018, Green 2020; Wykoff, CC, 2021. Diabetes Care; Varma, R, 2014. Jama Ophthalmology; Holekamp, NM, 2016. Am J Managed Care

A single in-office injection of ABBV-RGX-314 has the potential to provide long-term foundational anti-VEGF therapy to prevent progression of diabetic retinopathy and associated vision-threatening complications



[1]American Society of Retina Specialists PAT Survey 2021

VEGF: vascular endothelial growth factor | **DRSS**: diabetic retinopathy severity scale | **CI-DME**: center-involved diabetic macular edema | **PDR:** proliferative diabetic retinopathy | **ASNV**: anterior segment neovascularization

EYLEA® (aflibercept) Injection full U.S. Prescribing Information. Regeneron Pharmaceuticals, Inc. March 2021; Lucentis® (ranibizumab) Prescribing information. Genentech, Inc., March 2018

ALTITUDE® Phase II clinical trial in DR

OBJECTIVES

Primary

- Evaluate proportion of patients with ≥2 step improvement in severity on the Diabetic Retinopathy Severity Scale (DRSS) at 1 year

Secondary

- Safety and tolerability of ABBV-RGX-314
- Development of DR-related ocular complications
- Need for additional standard of care interventions

Subjects: Up to 80 total

Route of administration: Suprachoroidal using SCS Microinjector

Sites: 18 leading retinal centers across the United States

KEY INCLUSION CRITERIA

- Male or female ≥ 25 to 89 years of age with DR secondary to diabetes mellitus Type 1 or Type 2
- Moderately severe NPDR, severe NPDR, or Mild PDR (DRSS levels 47-61)
- No active CI-DME, CST < 320 µm
- Vision of 20/40 or better (≥ 69 Early Treatment Diabetic Retinopathy Study [ETDRS] letters) in the study eye
- No anti-VEGF injection(s) in prior 6 months

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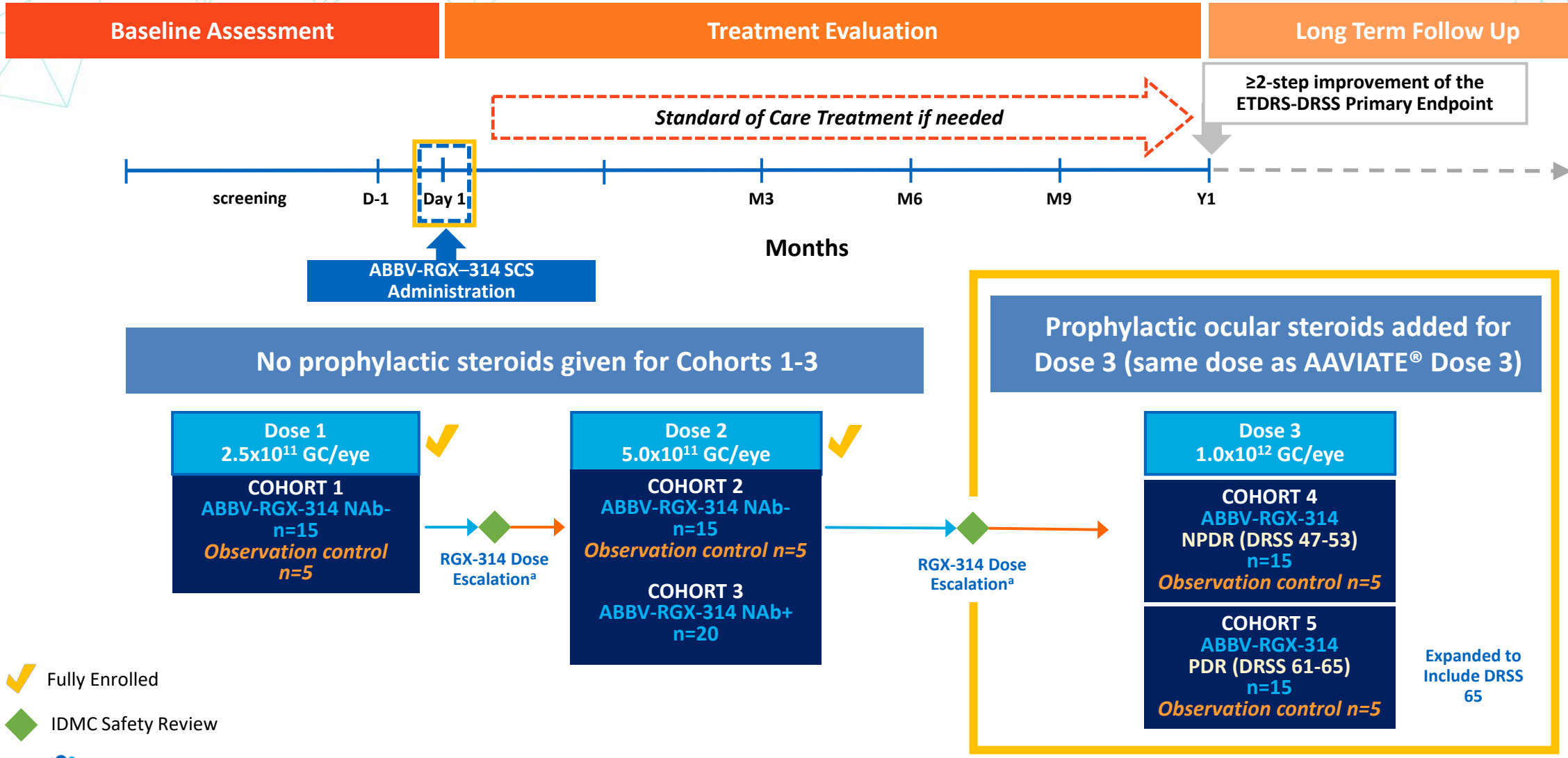
ABBV-RGX-314 ALTITUDE Study Design

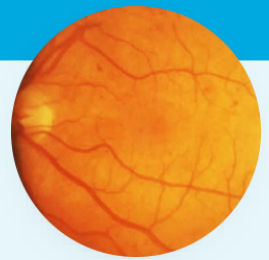
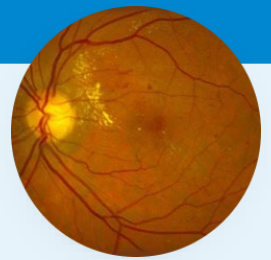
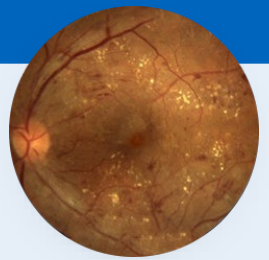
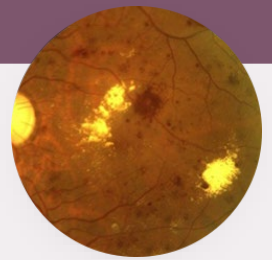
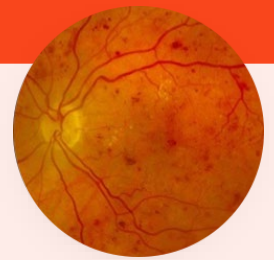


a. Dose escalation safety review to occur two weeks after final subject in each cohort has been dosed.

SCS: Suprachoroidal Space; NAb+ = AAV8 neutralizing antibody positive; NAb- = AAV8 neutralizing antibody negative/low; Y1 = 48 weeks; NPDR: Non-proliferative Diabetic Retinopathy; PDR: Proliferative Diabetic Retinopathy

A 2-step improvement in Diabetic Retinopathy Severity Scale (DRSS) has been accepted as a pivotal endpoint by the FDA for DR clinical trials[1]

▸ INCREASING RISK OF DEVELOPING VISION THREATENING COMPLICATIONS ▸

DRSS 35 Mild NPDR	***DRSS 43*** Moderate NPDR	***DRSS 47*** Moderately Severe NPDR	***DRSS 53*** Severe NPDR	***DRSS ≥ 60*** PDR
				
• Visual symptoms mostly absent • Small bulges in blood vessels and intraretinal hemorrhages	• May experience visual symptoms • Spotted leaking of blood	• May experience visual symptoms • Leaking of blood in retina, unevenly shaped veins	• May experience visual symptoms • Widespread leaking of blood, more unevenly shaped veins	• Visual symptoms are usually present • Growth of new fragile blood vessels, in some cases leading to bleeding in the retina and center of the eye

Example of 2-step Improvement

DR disease severity is measured using the Diabetic Retinopathy Severity Scale [2]

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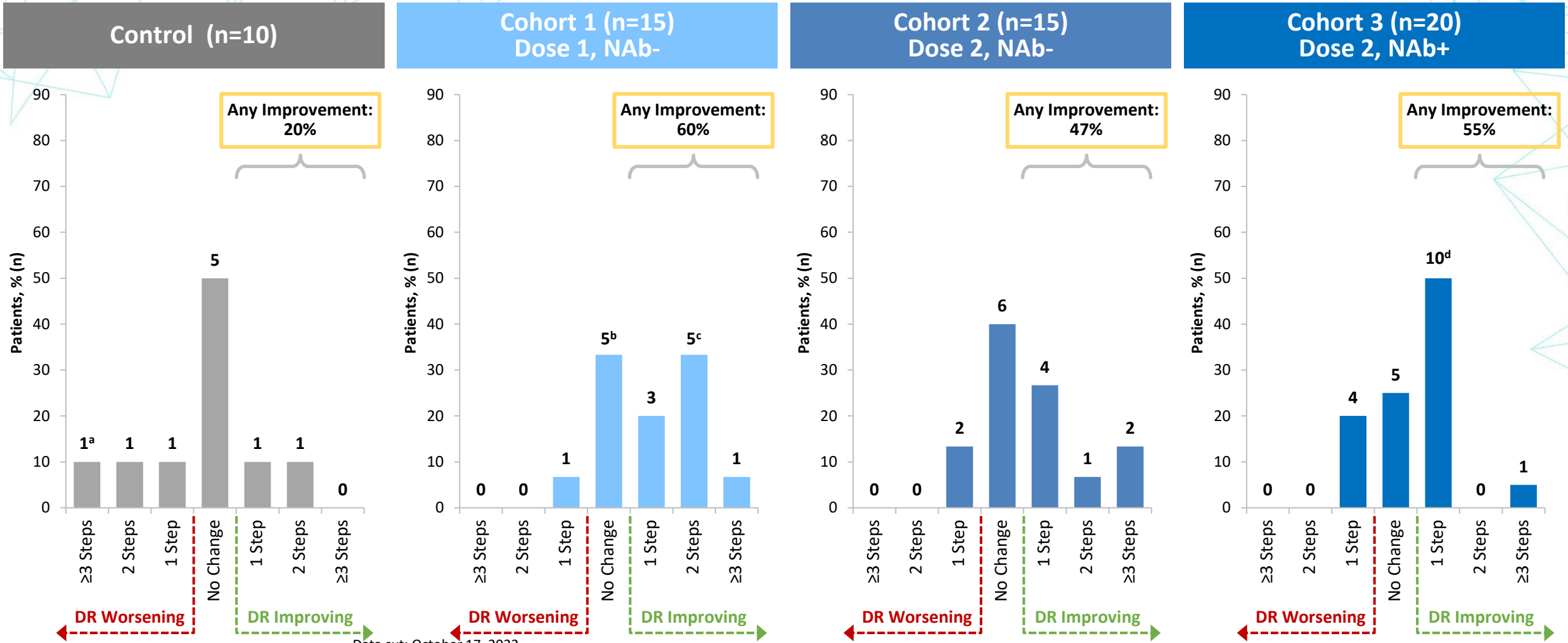
DR, diabetic retinopathy. CI-DME can occur at any stage of severity.

1. Used in the approval of EYLEA® (aflibercept) and LUCENTIS® (ranibizumab) Source: AAO PPP 2019; 2. DRSS score categorizes severity of disease in DR. ETDRS report number 12. *Ophthalmology* 1991; Images: Bakri, 2021

Change in DRSS at Month 6



Data cut: October 17, 2022.

a. One observation control patient received two Lucentis injections in the study eye for vitreous hemorrhage (4-step worsening to DRSS 71 [severe PDR] at 6 months).

b. During an interim central reading center masked adjudication, 1 patient's DRSS grades at baseline and 6 months were updated from Grade 47 and Grade 35, respectively, to Grade 61 since prior interim data release.

c. One patient received a single Lucentis injection in the study eye (DRSS 61 at baseline) 8 days after RGX-314 dosing for trace vitreous hemorrhage, which was 22 weeks prior to their 6 month visit when DRSS was assessed.

d. One patient missed their 6-month visit, so their 3-month results were used.

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ALTITUDE® Safety Summary

- **ABBV-RGX–314 was well-tolerated in Cohorts 1–3 (n=50)**
  - 5 SAEs: None considered drug-related
  - No cases of chorioretinal vasculitis or occlusion, or hypotony were observed

Cohorts 1 to 3: Common Ocular TEAEs[a] and Intraocular Inflammation in the Study Eye through 6 Months	Cohort 1 Dose 1 NAb- (N=15)	Cohort 2 Dose 2 NAb- (N=15)	Cohort 3 Dose 2 NAb+ (N=20)	Total (N=50)
Conjunctival hyperemia	4 (26.7%)	5 (33.3%)	4 (20.0%)	13 (26.0%)
Conjunctival hemorrhage	3 (20.0%)	2 (13.3%)	1 (5.0%)	6 (12.0%)
Episcleritis[b]	1 (6.7%)	1 (6.7%)	4 (20.0%)	6 (12.0%)
Intraocular Inflammation[c]	0 (0.0%)	3 (20.0%)	0 (0.0%)	3 (6.0%)
		No meaningful differences based on **baseline AAV8 NAbs**		

- **Stable BCVA through 6 Months in Cohorts 1-3 (n=50)**

Data cut: October 17, 2022.

a. Common TEAEs include AEs for total group ≥10% with onset up to 6m visit.

b. All cases were mild (grade 1) and are resolved or resolving on topical corticosteroids.

c. All cases were mild (range +0.5 to +1) and most presented 2-6 weeks post injection, predominantly as anterior cells on slit lamp examination. Resolved on topical corticosteroids.

SAE: Serious Adverse Event; TEAE: Treatment Emergent Adverse Event.

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Rare diseases

RGX–202 for treatment of Duchenne muscular dystrophy (Duchenne)

THE DISEASE

- Duchenne is caused by mutations in the *DMD* gene which encodes dystrophin, a protein involved in muscle contraction and strength
- Without dystrophin, muscles throughout the body degenerate and become weak, eventually leading to loss of movement and independence, required support for breathing, cardiomyopathy and premature death
- Affects 1 in 3,500 to 5,000 male births worldwide
- RGX-202 has received Orphan Drug Designation and Rare Pediatric Disease Designation by the FDA

RGX–202 PRODUCT CANDIDATE

Vector: AAV8

Transgene: microdystrophin

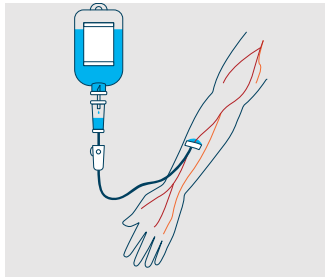
Designation: Orphan Drug Designation

Mechanism of action

Delivers a transgene for a novel microdystrophin that includes the functional elements of the C-Terminal domain found in naturally occurring dystrophin

Route of administration

Intravenous to target muscle



AFFINITY DUCHENNE™ Phase I/II clinical trial

OBJECTIVES

Primary

- Safety and tolerability of RGX-202 in patients with Duchenne

Secondary and Exploratory

- Microdystrophin protein expression levels in muscle at 3 months[1]
- Muscle strength and functional assessments, including North Star Ambulatory Assessment
- Muscle MRI

Subjects: Up to 18 total

- 2 dose cohorts of 3 patients each
- Option to dose up to 6 additional patients in each cohort in dose expansion phase

Sites: US sites, with additional sites in Canada and Europe expected to follow

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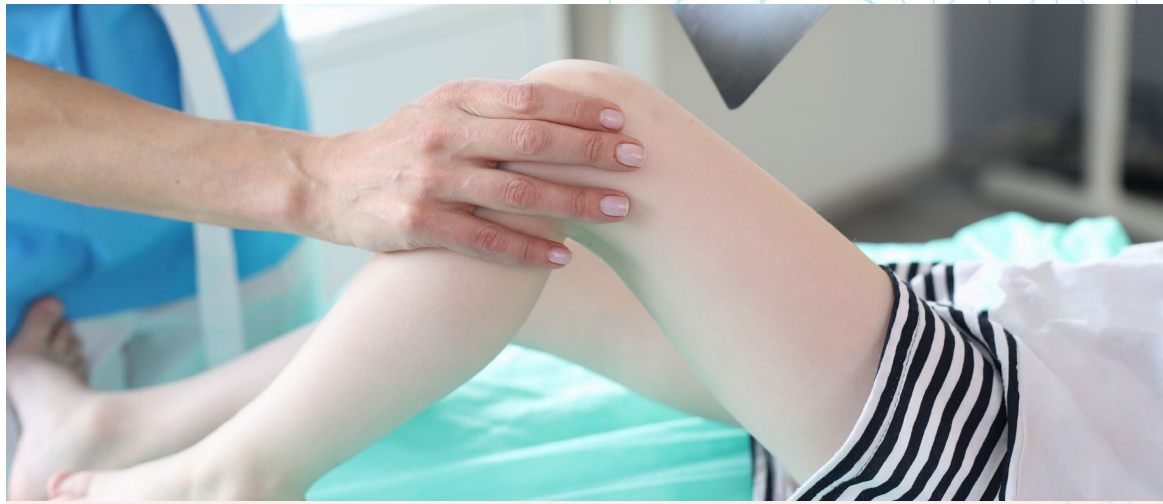
[1] As assessed by muscle biopsy in first 3 patients of each cohort



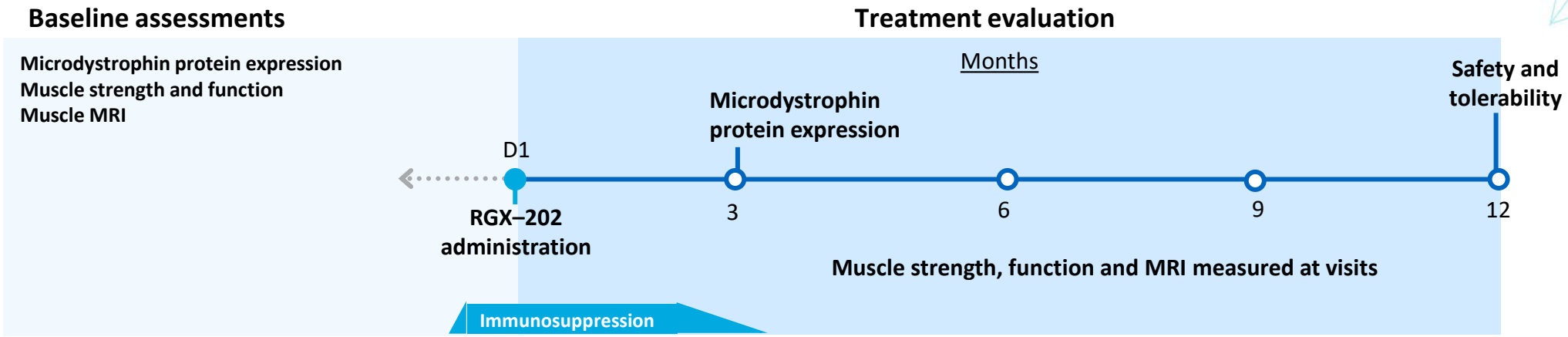
KEY INCLUSION CRITERIA and SAFETY MEASURES

- Males 4 to 11 years
- Ambulatory function
- *DMD* gene mutation between exons 18 and above
- Negative for anti-AAV8 antibodies

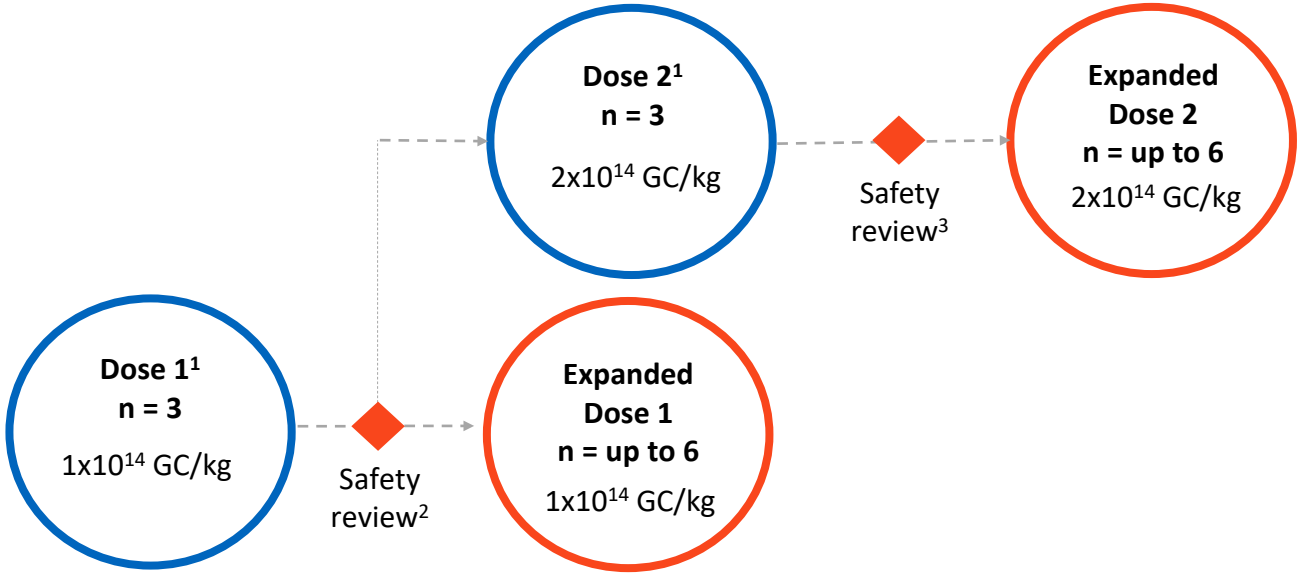
- Comprehensive, short-term, prophylactic immunosuppression regimen
- Prednisolone, Sirolimus and Eculizumab initiated prior to RGX-202 administration, to proactively mitigate potential complement-mediated immunologic responses

AFFINITY DUCHENNE™ clinical trial design

Administration and follow-up timeline



Dose escalation and dose expansion



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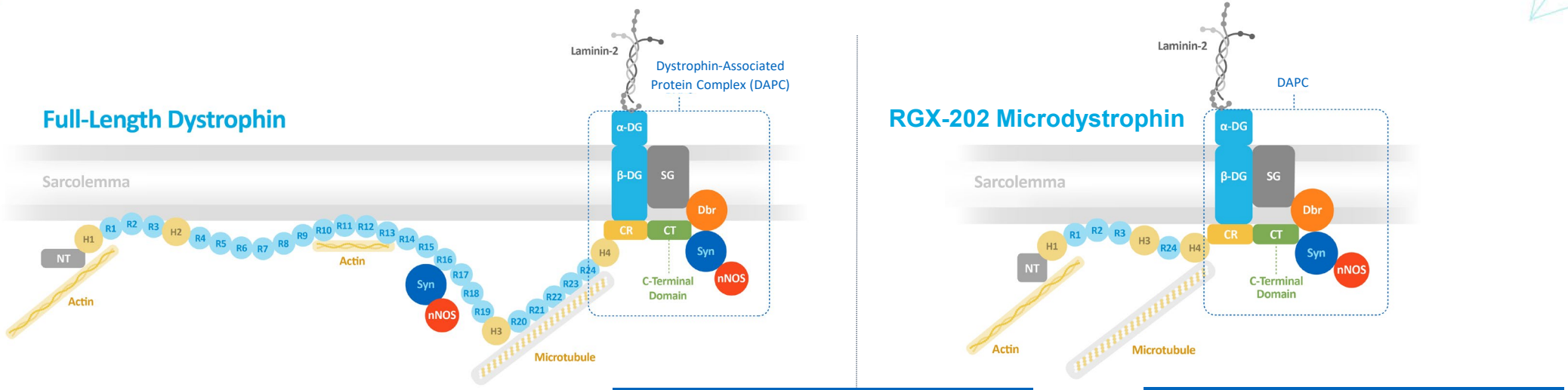
[1]The first 3 patients in each cohort will be dosed in a staggered fashion, at least 4 weeks apart, following increasing body weight: ≤20kg, ≤30kg and ≤40kg
[2] Dose escalation safety review to occur four weeks after third patient in each cohort has been followed 4 weeks post-dosing

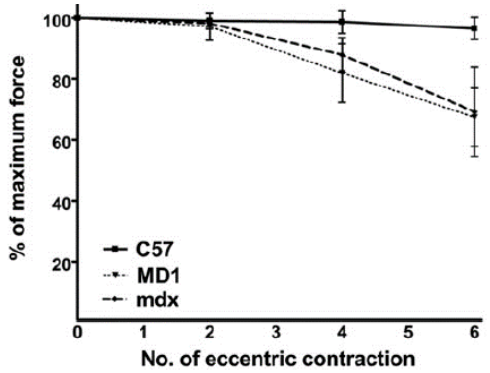
RGX-202 microdystophin is designed to retain key elements of full-length dystrophin

CT Domain recruits several key proteins to the muscle cell membrane (sarcolemma) including Syntrophin and Dystrobrevin, Neuronal nitric oxide synthase and other proteins[1]

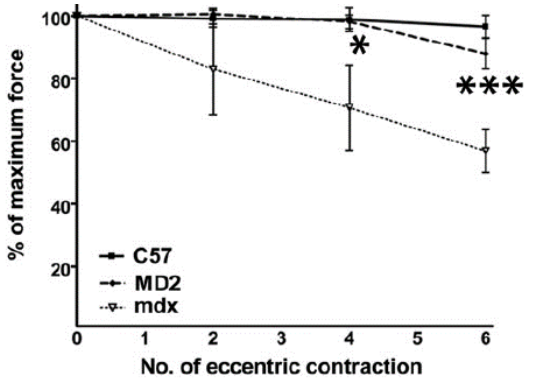


Presence of CT Domain in microdystrophin significantly improved the muscle resistance to lengthening contraction–induced muscle damage in *mdx* mice[2]

Construct without C-Terminal Domain



Construct with C-Terminal Domain



[1] Allen et al, *Physiological Review*, 2016
[2] Koo et al, *Human Gene* Therapy, 2011

Syn: Syntrophin; Dbr: Dystrobrevin; CR: Cystein rich domain; nNOS: Neuronal nitric oxide synthase; DG: Dystroglycan; H: hinge; R: repeat

RGX-202 program has several features that provide potential benefits

	Capsid	Promoter	Microdystrophin transgene design	Transgene Size (bp)
RGX-202	AAV8	Spc5-12		4,734
Other Investigational Intervention (Example)				

ABD1: Actin Binding Domain 1

RGX-202 Features	Potential Benefits
Transgene for a novel microdystrophin includes extended coding region of dystrophin C-Terminal (CT) Domain	CT domain recruits key proteins, leading to improved muscle resistance[1]
Codon optimization and CpG content reduction	May improve gene expression, increase translational efficiency and reduce immunogenicity[2]
NAV® AAV8 vector and Spc5-12 muscle specific promoter	Designed to support the delivery and targeted expression of genes throughout skeletal and heart muscle[3, 4, 5]
Commercial-scale cGMP material already produced	Material to be used in AFFINITY DUCHENNE™

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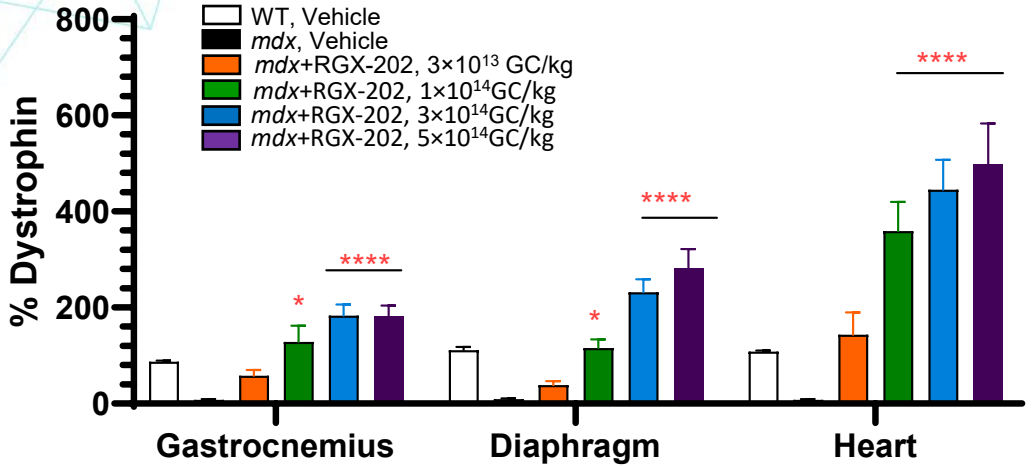
[1] Koo et al, *Human Gene* Therapy, 2011
[2] Faust, et al. *Journal of Clinical Investigation*, 2013
[3] Le Guiner, et al. *Nature Communications*, 2017
[4] Mack, et al. *Molecular Therapy*, 2017
[5] Shieh, et al. ASGCT 2019

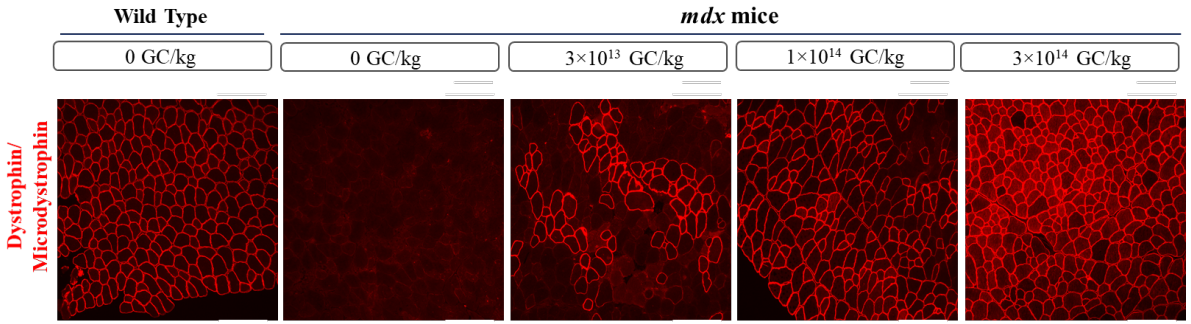
RGX-202 demonstrated robust expression of microdystrophin across skeletal and cardiac muscles along with recruitment of key proteins to the DAPC

RGX-202 Microdystrophin Expression in Muscle[1]

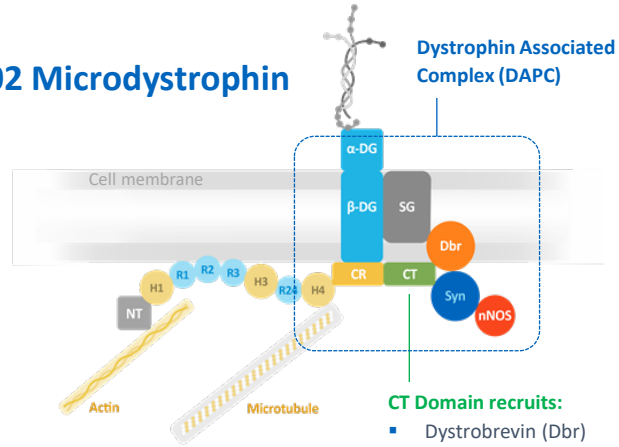


* p<0.05, **** p<0.0001 vs. vehicle control *mdx* mice

Immunohistochemistry of RGX-202 Microdystrophin in Muscle[2]



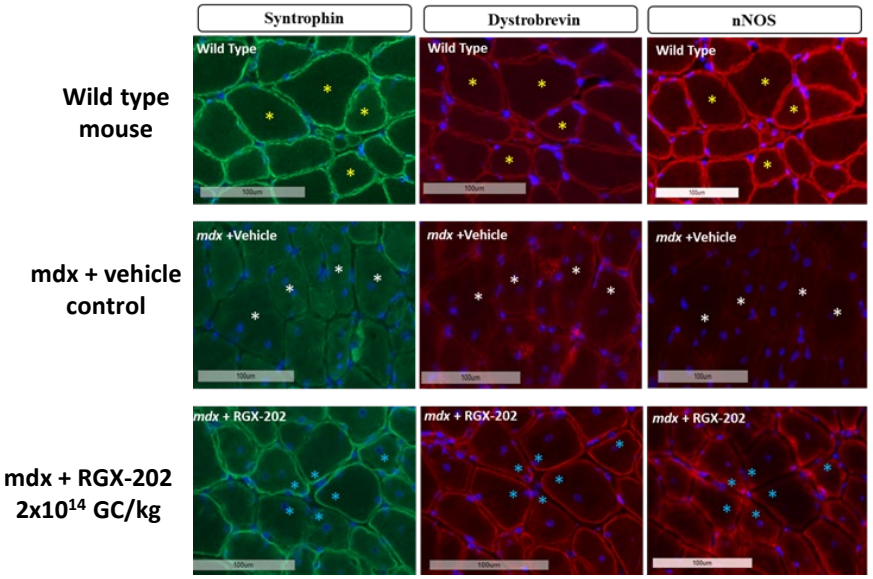
RGX-202 Microdystrophin



CT Domain recruits:

- Dystrobrevin (Dbr)
- Syntrophin (Syn)
- Neuronal Nitric Oxide Synthase (nNOS)

Immunohistochemistry of Dystrophin Protein Complex in Muscle[1]



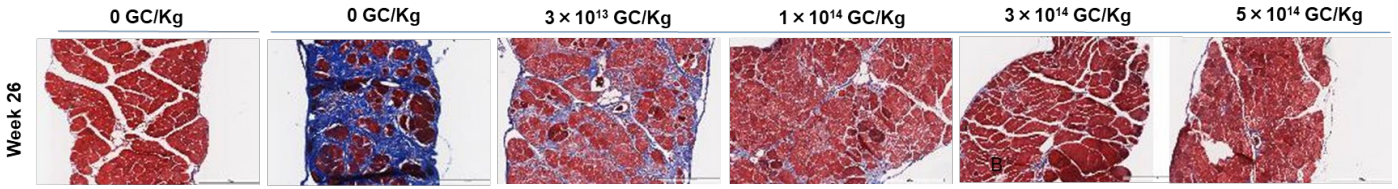
1 Kim S. et al., Poster Presented at WMS 2021 Annual Meeting, Sep 20-24, 2021

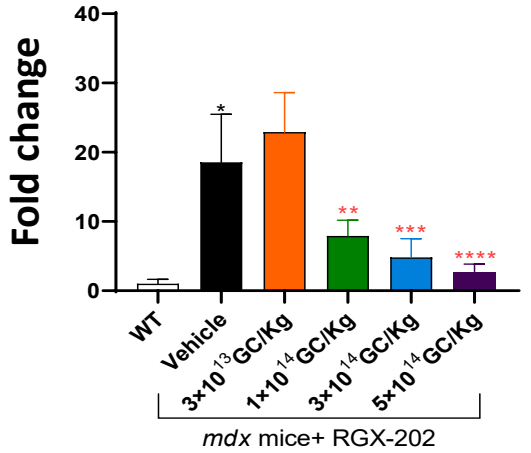
2 Data on File

Syn: Syntrophin; Dbr: Dystrobrevin; CR: Cystein rich domain; nNOS: Neuronal nitric oxide synthase; DG: Dystroglycan; H: hinge; R: repeat

RGX-202 demonstrated significant improvements in muscle pathology and function in *mdx* mice at doses ≥ 1x10^{14} GC/kg

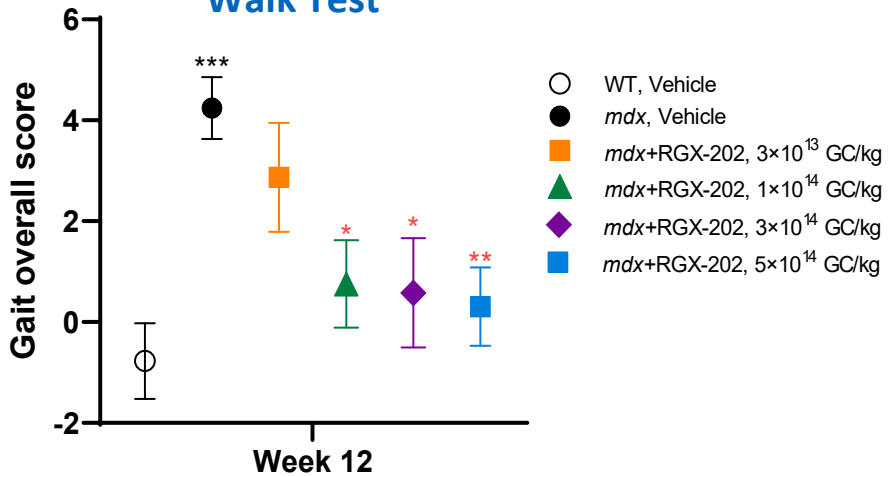
Muscle Pathology (Fibrosis)[1]





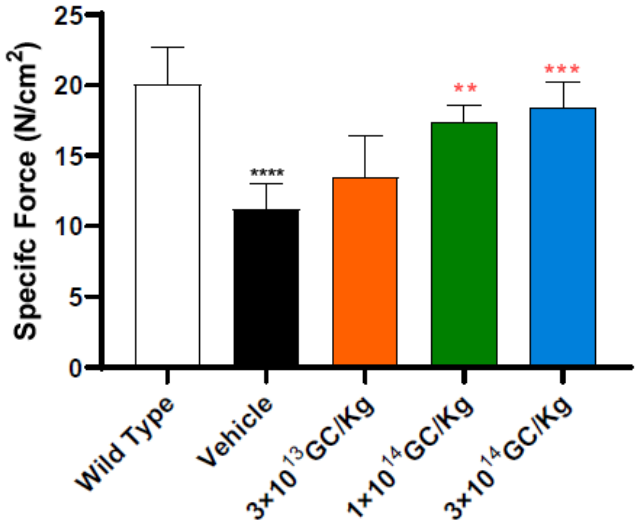
*p<0.05 vs. wild type; ** p<0.01, *** p<0.001, **** p<0.0001 vs. vehicle control *mdx* mice.

Walk Test[1]



*p < 0.05, *** p < 0.001 vs. wild type vehicle (RM two-way ANOVA, Sidak's post hoc); * p < 0.05, ** p < 0.01 vs. *mdx* vehicle (Mixed effects model ANOVA, Dunnett's post hoc). Data are presented as mean ± SEM

Muscle Force[2]



*p<0.05, **** p < 0.0001, vs. wild type vehicle. *p < 0.05, ** p < 0.01, *** p < 0.001, **** p < 0.0001 vs. mdx vehicle, Comparisons are by 1-way ANOVA or Tukey or 2-way ANOVA and Tukey

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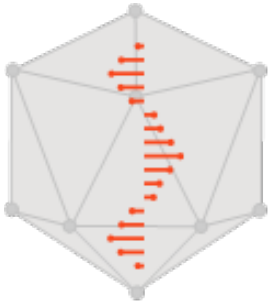
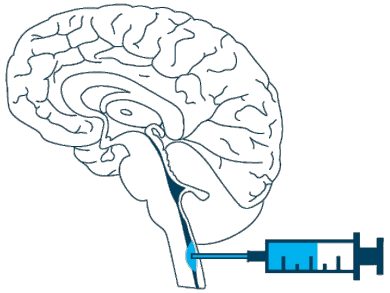
1 Kim S. et al., Poster Presented at WMS 2021 Annual Meeting, Sep 20-24, 2021
2 Data on File

REGENXBIO's neurodegenerative disease franchise

AAV9 vector





Intracisternal Delivery

	RGX–121 for MPS II	RGX–111 for MPS I	RGX–181 for CLN2 Disease
Disease	▪ Reduced ability to process glycosaminoglycans (GAGs), leading to neurodegeneration and early death ▪ X-linked recessive disease ▪ Available treatment is inadequate to treat neurodegeneration ▪ More than 500 patients born annually worldwide	▪ Reduced ability to process GAGs, leading to neurodegeneration and early death ▪ Autosomal recessive disease ▪ Available treatment is inadequate to treat neurodegeneration; stem cell transplant partially effective ▪ More than 500 patients born annually worldwide	▪ Reduced ability to process cellular waste peptides, leading to seizures, vision loss, neurodegeneration and early death ▪ Autosomal recessive disease ▪ Available treatment requires frequent ICV infusions of ERT, shown to stabilize some but not all disease manifestations ▪ Approximately 500 patients born annually worldwide
Gene	**IDS** Gene Replacement	**IDUA** Gene Replacement	**TPP1** Gene Replacement
FDA Designations	▲ Orphan Drug Designation ★ Rare Pediatric Disease Designation ■ Fast Track Designation	▲ Orphan Drug Designation ★ Rare Pediatric Disease Designation ■ Fast Track Designation	▲ Orphan Drug Designation ★ Rare Pediatric Disease Designation

CAMPSIITE™ Part 1: Phase I/II clinical trial of RGX-121 in MPS II

OBJECTIVES

Primary

- To determine the safety and tolerability of RGX–121 in severe MPS II subjects who have or are at high risk of developing neurocognitive deficits

Secondary

- Effect of RGX–121 on biomarkers of I2S activity in CSF, serum and urine
- Effect of RGX–121 on neurocognitive deficits

Subjects: Approximately 16 patients

Sites: Leading U.S. and international lysosomal storage disease centers

KEY INCLUSION CRITERIA

- Male subjects ≥4 months to <5 years of age
- Meeting one of the following criteria:
  - Diagnosis of MPS II and a score ≤77 on neurocognitive testing
  - Diagnosis of MPS II and a decline of ≥1 standard deviation on consecutive intelligent quotient testing
  - Having a relative diagnosed with severe MPS II who has the same IDS mutation as the subject
  - Having documented mutation(s) in *IDS* that is known to result in a neuronopathic phenotype
- No contraindications for intracisternal or intracerebroventricular injection and immunosuppressive therapy

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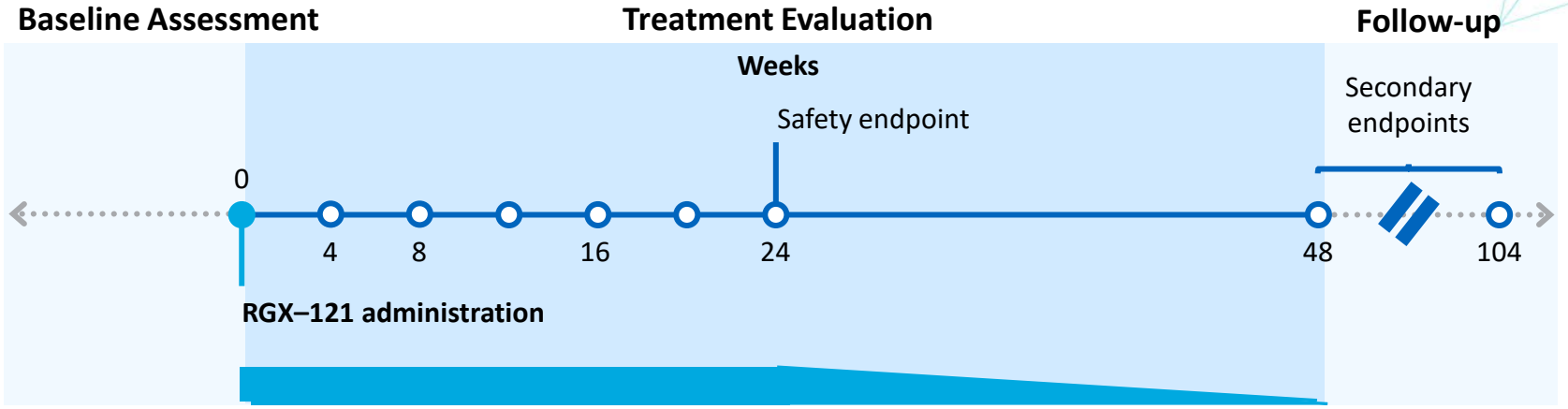
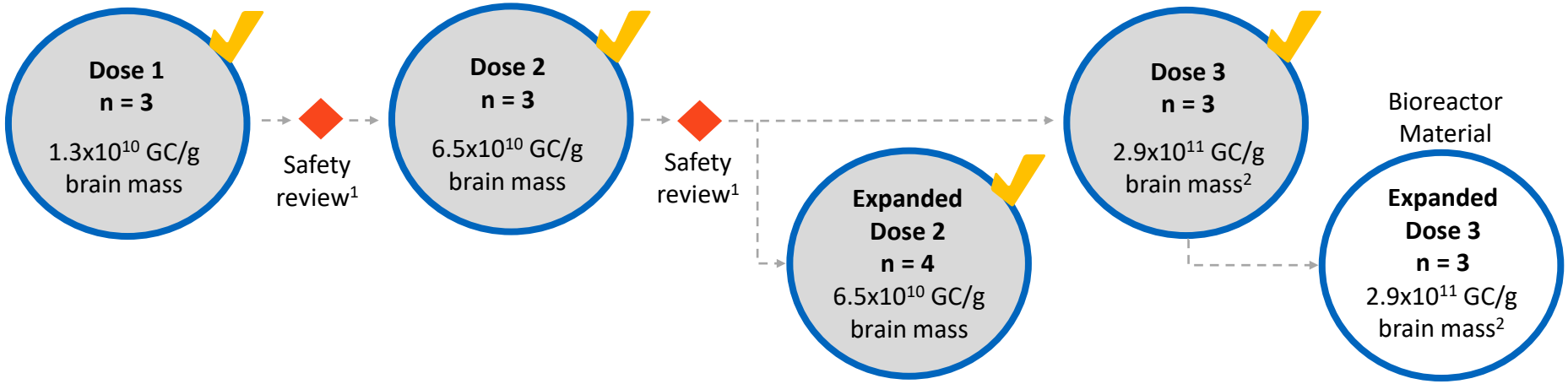
RGX–121 Phase I/II Clinical Trial: Administration and Dose Escalation

Administration and follow-up timeline



Dose escalation



Primary Dose 3 cohort completed

Dose 3 expansion cohort currently enrolling using bioreactor material (commercial process)

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* Dose Level 3 previously reported as 2.0 x10^{11} GC/g of brain mass of RGX-121 based on Poly-A-specific PCR assay. This is equivalent to 2.9x1011 GC/g of brain mass of RGX-121 using transgene-specific PCR assay.

RGX–121 Phase I/II Clinical Trial: Summary of Results

- **Well-tolerated following one-time RGX-121 administration[1]**
  - 15 patients dosed in 3 Cohorts with no SAEs related to study drug

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- **CNS: CSF GAGs and neurodevelopmental assessments indicate encouraging RGX-121 profile[1,2]**
  - Dose-dependent reductions in CSF biomarkers demonstrated across cohorts[2]
  - Cohort 3 CSF HS D2S6, a component of HS closely correlated with severe MPS II, approached normal levels at 48 weeks[1]
  - Neurodevelopmental and daily activity skill acquisition was observed up to 3 years after RGX-121 administration
    - Treatment response appeared to be dependent on the extent of neurologic deficits at baseline

---

- **Systemic: Evidence of enzyme expression and biomarker activity after CNS RGX-121 administration***
  - Majority of participants demonstrated increases in plasma I2S concentration
  - Urine GAG measures showed evidence of systemic effect of RGX-121 independent of ERT treatment

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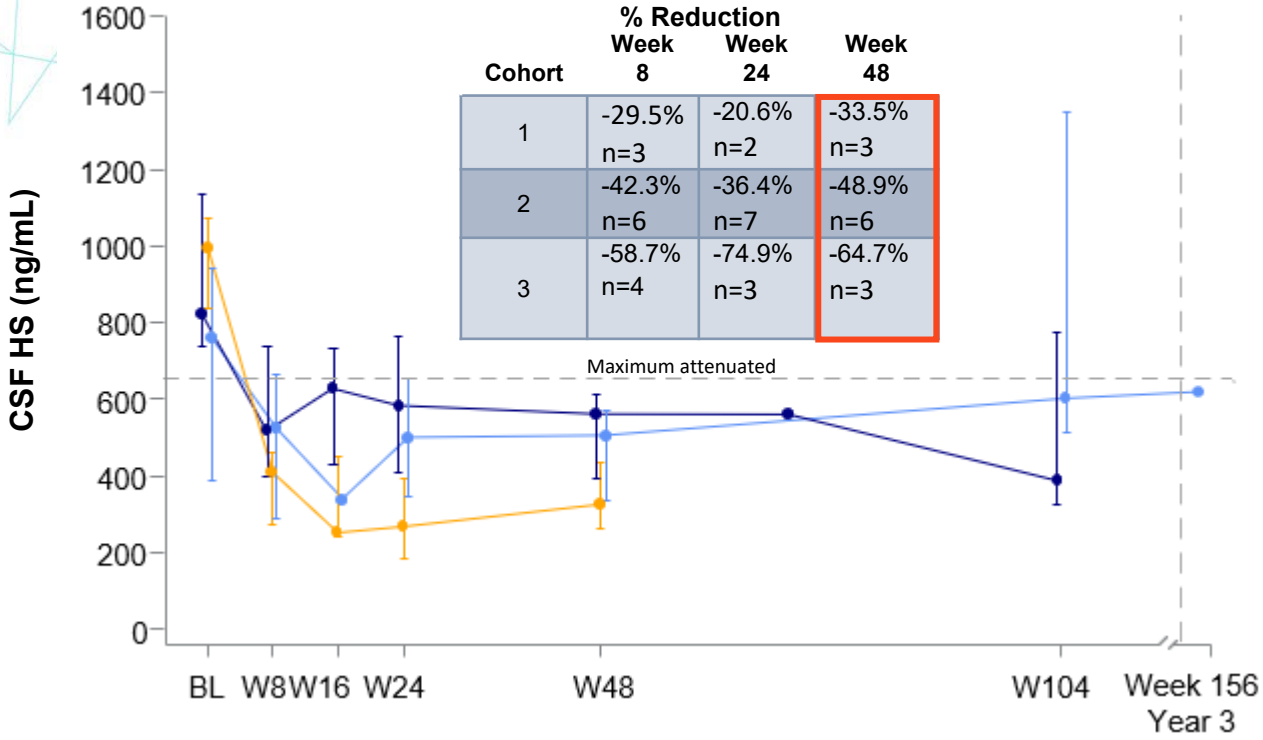
1. Data cut January 3, 2023
2 Presented at WORLDSymposium, February 22, 2023
* Caregiver reported outcomes, I2S concentration, and Urine GAG data not shown

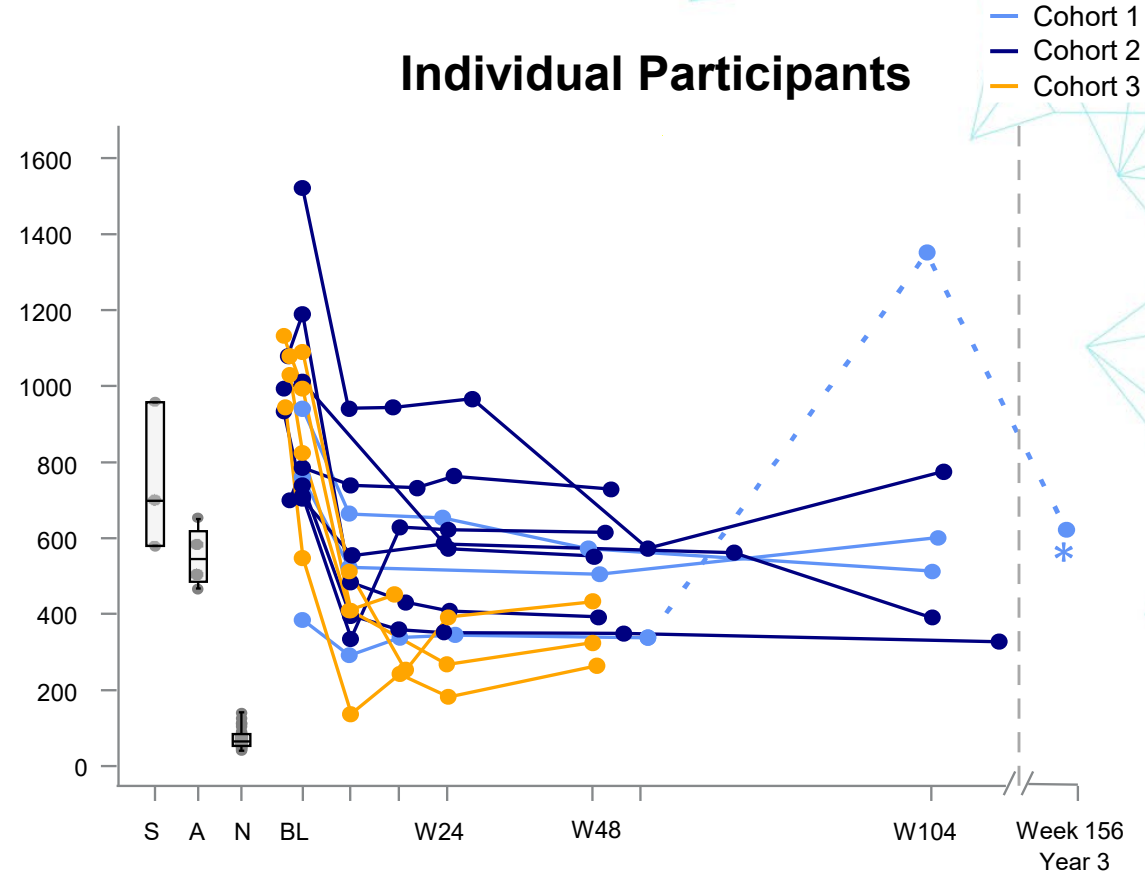
Cerebrospinal Fluid (CSF) GAGs: Heparan Sulfate (HS)

Cohorts (median†)

Cohort	% Reduction Week 8	Week 24	Week 48
1	-29.5% n=3	-20.6% n=2	-33.5% n=3
2	-42.3% n=6	-36.4% n=7	-48.9% n=6
3	-58.7% n=4	-74.9% n=3	-64.7% n=3



Individual Participants



- Week 48 CSF HS measurements continued to show dose-dependent reductions in Cohorts 1-3
- 13 of 14 participants in all three cohorts demonstrated decreased CSF HS from baseline at last time point available*

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* CNS related clinical event (ventriculoperitoneal shunt infection) deemed unrelated to study drug took place on Day 522 post RGX-121 administration in this Cohort 1 participant
† Median CSF HS concentration +/- Q1 and Q3 per cohort.
Normative data are based on 29 normal samples. The ages for 9 normative (N) samples range from 1 month to 21 years old.
Severe (S) defined as IQ < 70. The ages of 3 severe samples range from 4 years 8 months to 10 years old.
Attenuated (A) defined as IQ ≥ 70. The ages of 4 attenuated samples range from 11 years to 29 years old.

Data cut January 3, 2023

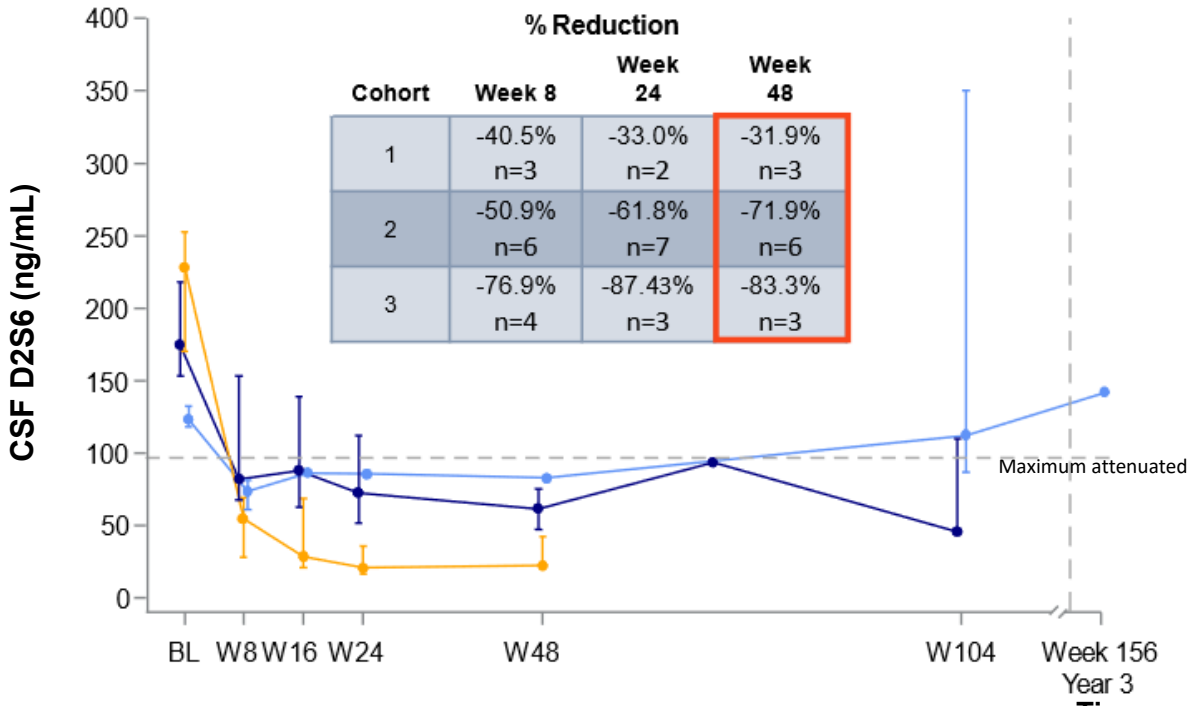
CSF GAGs: HS D2S6

D2S6 is a Correlate of Neuropathology Phenotype in Severe MPS II[1-3]

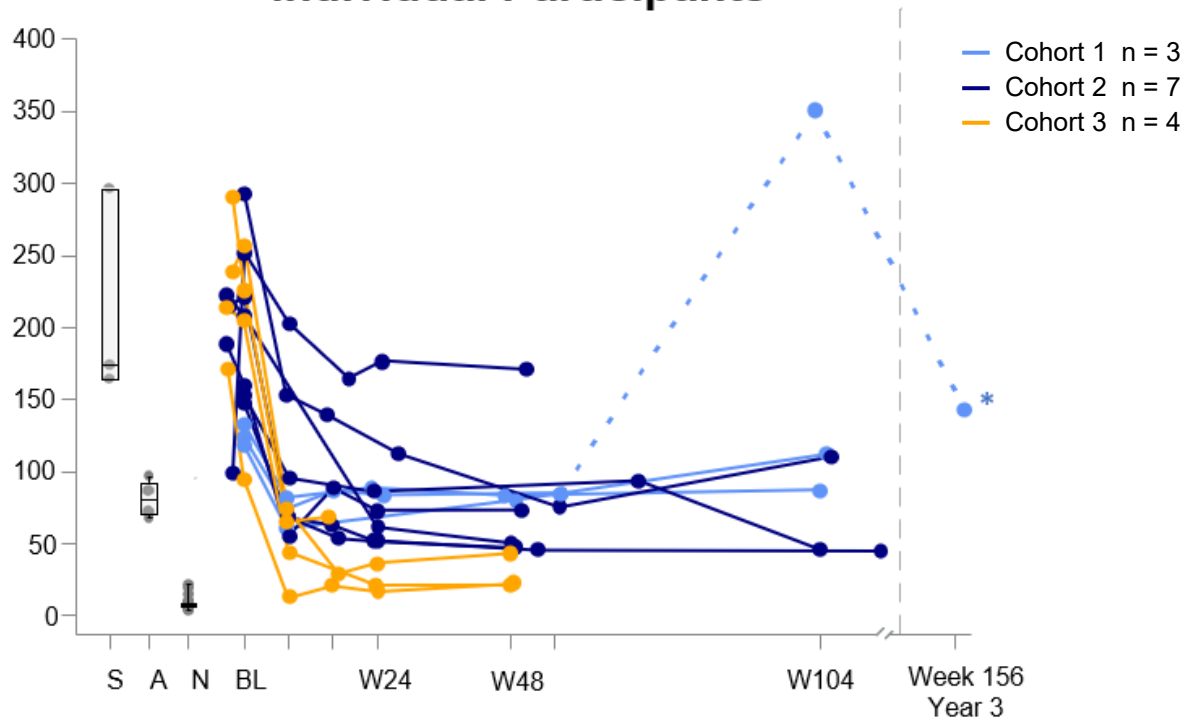
Cohorts (median†)

% Reduction

Cohort	Week 8	Week 24	Week 48
1	-40.5% n=3	-33.0% n=2	-31.9% n=3
2	-50.9% n=6	-61.8% n=7	-71.9% n=6
3	-76.9% n=4	-87.43% n=3	-83.3% n=3



Individual Participants



Time on Study (Weeks)

- **Week 48 CSF HS D2S6 measurements continued to show dose-dependent reductions across cohorts, with Cohort 3 participants approaching normal levels**
- **13 of 14 of participants in all three cohorts demonstrated decreased CSF HS D2S6 from baseline at last time point available***
- **Measurable CSF I2S protein concentration in 10 of 11 Cohort 2 & 3 participants after RGX-121 administration**

1. Holley (2011) J Biol Chem 2. Wilkinson (2012) PLoS One 3. Gleizt (2018) EMBO Mol Med

* CNS related clinical event (ventriculoperitoneal shunt infection) deemed unrelated to study drug took place on Day 522 post RGX-121 administration in this Cohort 1 participant

† Median CSF D2S6 concentration +/- Q1 and Q3 per cohort.

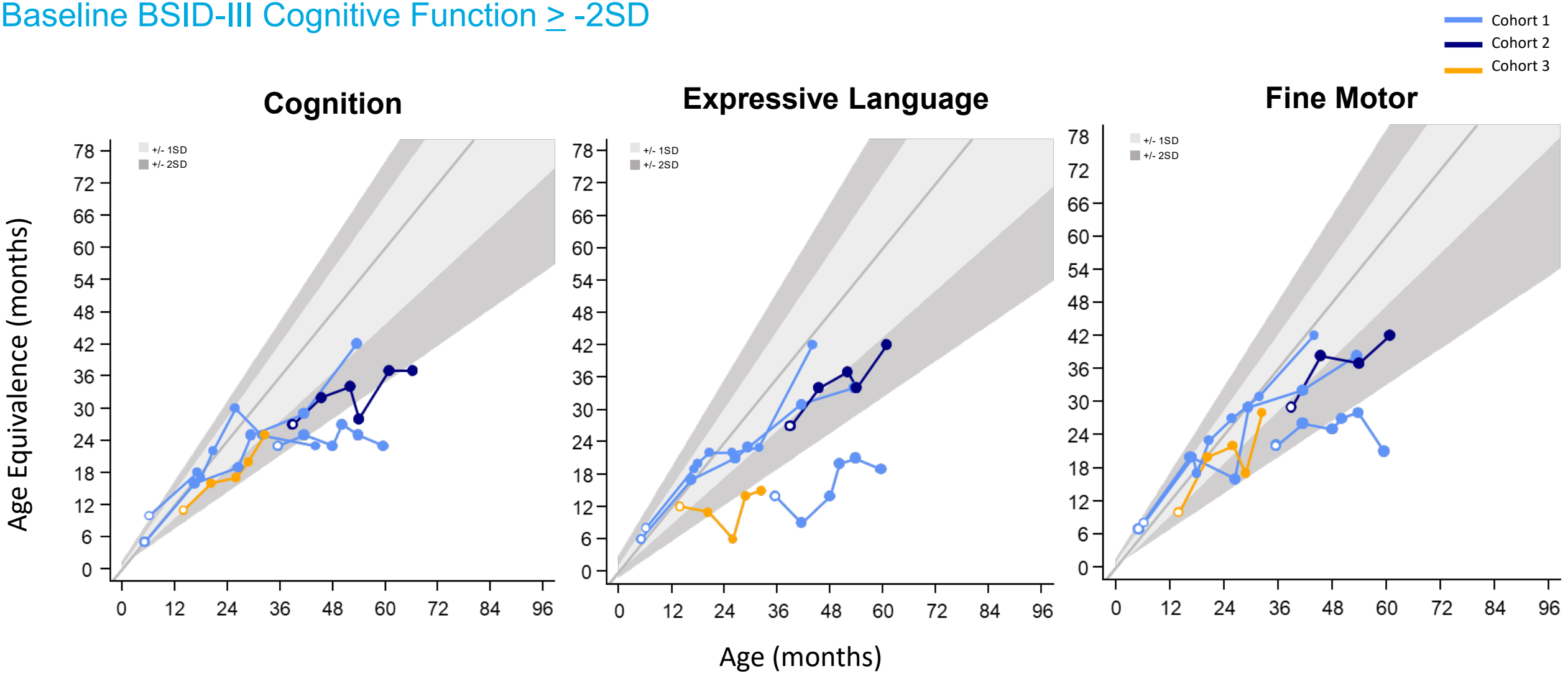
Normative data are based on 29 normal samples. The ages for 9 normative (N) samples range from 1 month to 21 years old.

Severe (S) defined as IQ < 70. The ages of 3 severe samples range from 4 years 8 months to 10 years old.

Attenuated (A) defined as IQ ≥ 70. The ages of 4 attenuated samples range from 11 years to 29 years old.

Neurodevelopmental Function

Baseline BSID-III Cognitive Function ≥ -2SD

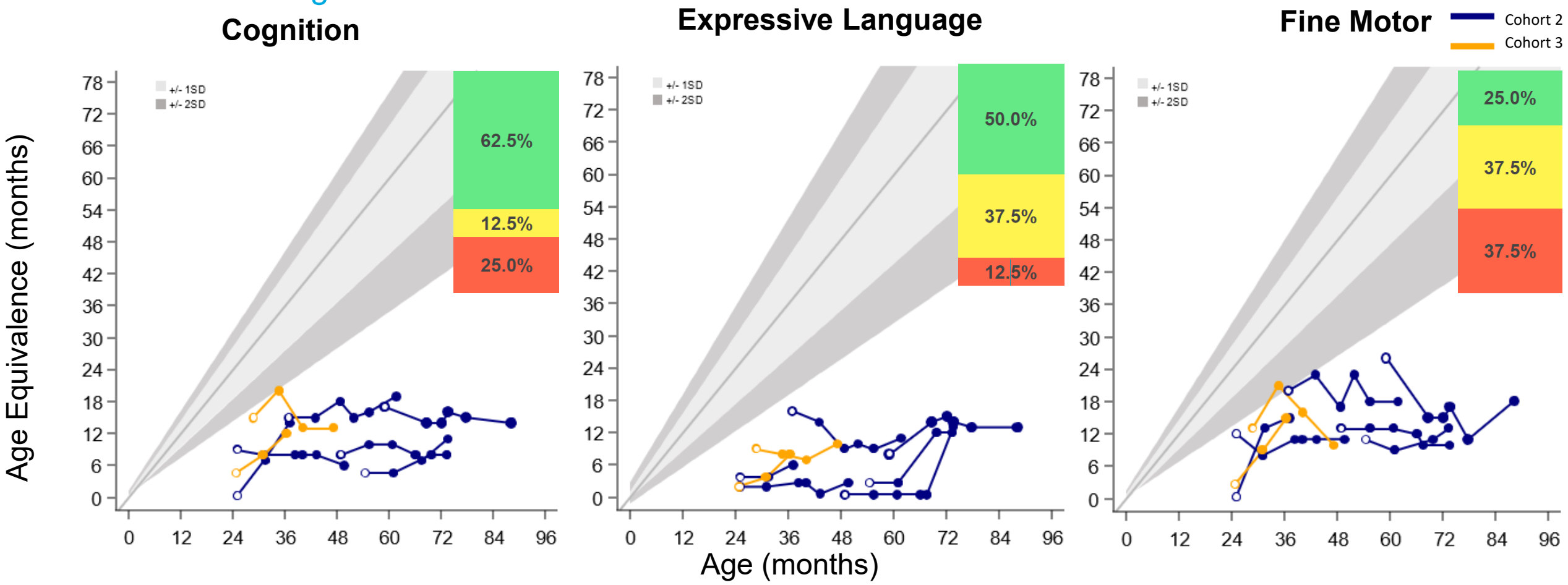


The majority of participants with baseline function ≥-2SD have developmental function that remained within that range on at least 2 domains

Includes participants (n = 5) with > 6 months of follow-up

Neurodevelopmental Function

Baseline BSID-III Cognitive Function Below -2 SD



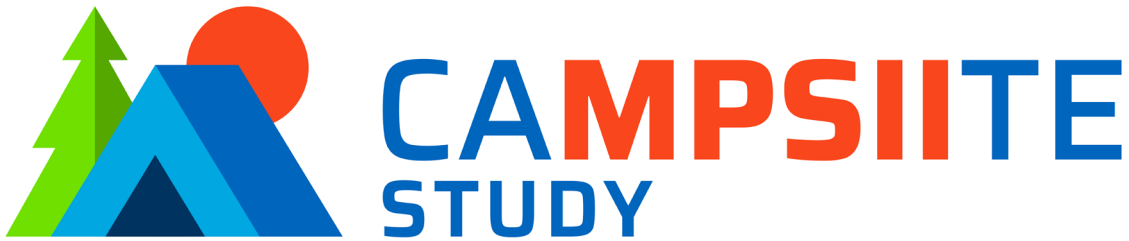
The majority of participants with baseline function below -2SD stabilized or had an increase of ≥ 3 mo in AEq on cognitive, expressive, language or fine motor subtests

Includes participants (n = 8) with > 6 months of follow-up

Change from baseline (CFB) is defined as: Increase ≥ 3 mo AEq; Stabilization -3 < CFB < 3 mo AEq; Decrease ≤ -3 mo AEq

Data cut January 3, 2023

Announcing RGX-121 pivotal program: CAMPSIITE™ Part 2: Phase III Trial



- Enrolling boys with neuronopathic MPS II, aged 4 months up to five years
- Expected to enroll up to 10 patients to support the BLA filing utilizing the accelerated approval pathway
- Trial supports potential enrollment of additional patients
- Participants will receive 2.9 x 10^{11} GC/g of brain mass, the same dose being evaluated in Cohort 3 of the Phase I/II trial
- Trial will collect GAGs in CSF and neurodevelopmental data, and caregiver reported outcomes
- The pivotal program is using commercial-scale cGMP material from REGENXBIO's proprietary, high-yielding suspension-based manufacturing process, name NAVXpress™
- CAMPSIITE is a global trial which is expected to include sites in the United States, Brazil, and Canada

RGX–111 Phase I/II clinical trial in MPS I

OBJECTIVES

Primary

- To determine the safety and tolerability of RGX–111 in MPS I subjects with neurocognitive deficits

Secondary

- Effect of RGX–111 on biomarkers of IDUA activity in CSF, serum and urine
- Effect of RGX–111 on neurocognitive deficits

SUBJECTS: 8 total

SITES: Leading U.S. and lysosomal storage disease centers

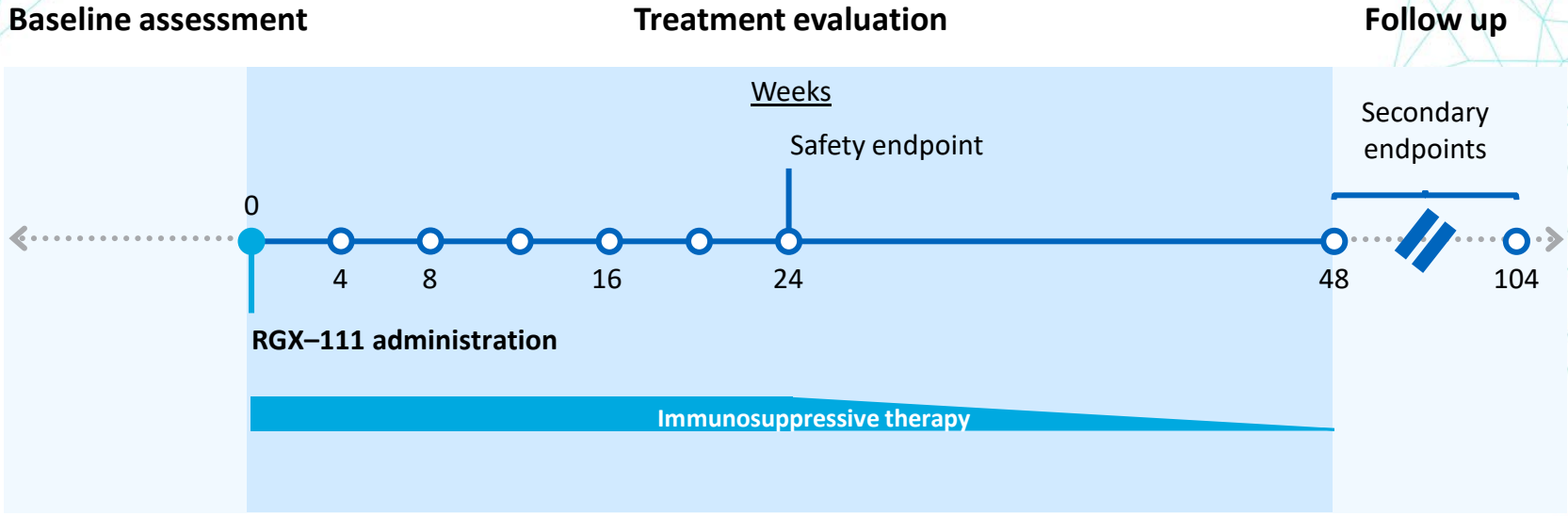
KEY INCLUSION CRITERIA

- Male or female ≥ 4 months of age
- Documented evidence of CNS involvement due to MPS I or documented diagnosis of MPS I
  - A score of ≥1 standard deviation below mean on intelligent quotient testing or in one domain of neuropsychological function
  - A decline of ≥1 standard deviation on sequential testing
  - Having documented biallelic mutation in *IDUA* predictive of severe MPS I or a relative diagnosed with severe MPS I
- No contraindications for intracisternal or intracerebroventricular injection or immunosuppressive therapy

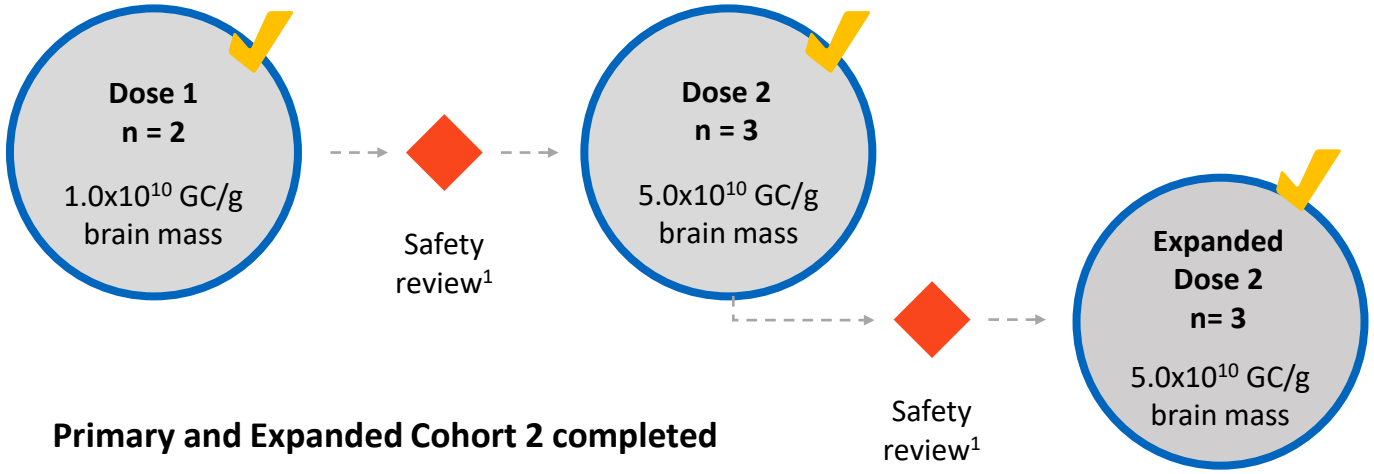
REGENXBIO

RGX–111 Phase I/II Clinical Trial: Administration and Dose Escalation

Administration and follow-up timeline



Dose escalation



[1]Dose escalation safety review to occur eight weeks after final subject in cohort has been dosed

RGX–111 Phase I/II Clinical Trial and Single Patient IND Summary

- **Well tolerated following one-time RGX-111 administration**
  - A total of 8 Phase I/II trial participants and a single patient IND participant dosed with RGX-111 with no SAEs related to study drug

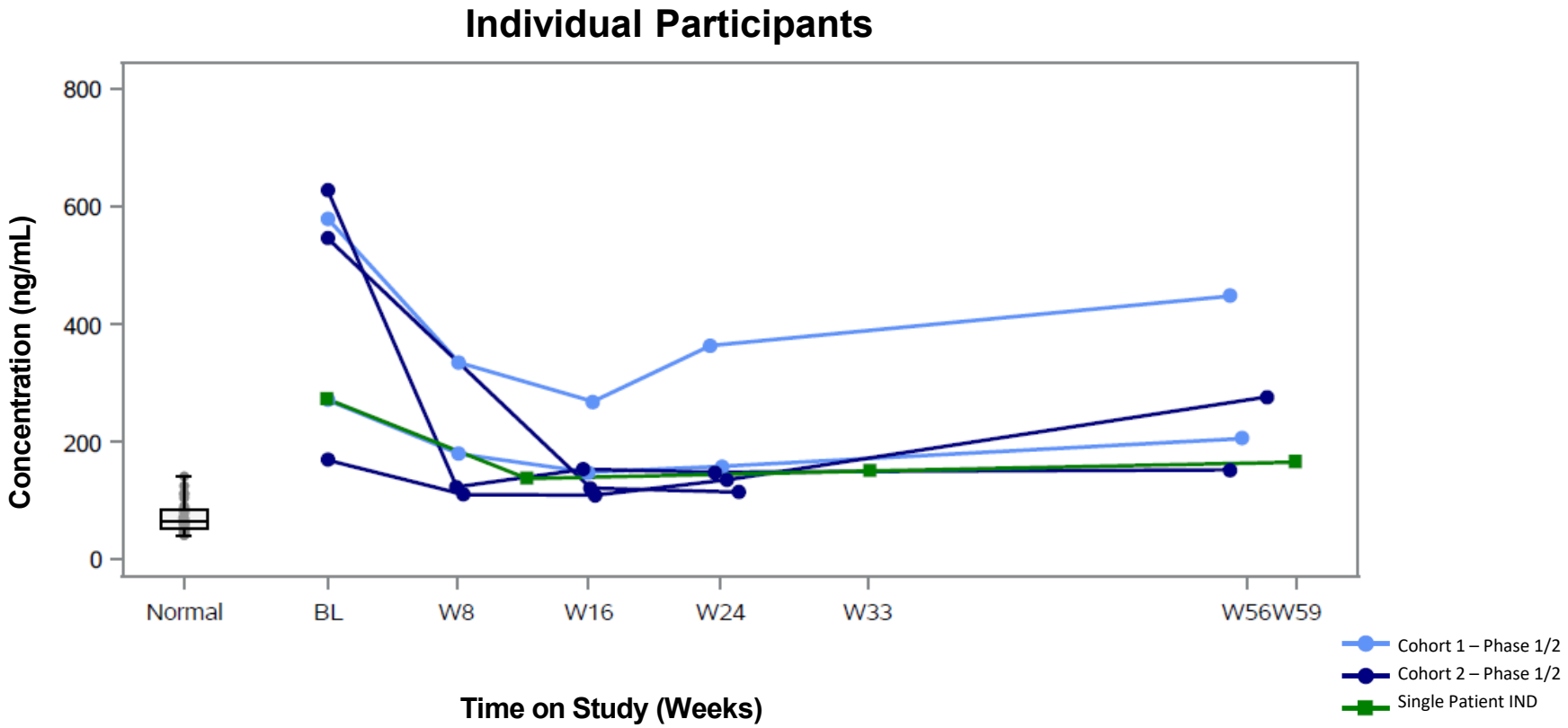
- **CNS biomarker and neurodevelopmental assessments indicate encouraging RGX-111 CNS profile**
  - CSF HS reduction and IDUA enzyme activity indicate CNS biological activity
  - Majority of participants showed continued skill acquisition within 2 SD of normative mean on the cognition, expressive language and fine motor subtests at last assessment
  - Cognitive function in a Phase I/II trial participant and the single IND participant was higher than the age equivalent scores in the available natural history

- **Emerging evidence of systemic biomarker activity after CNS administration of RGX-111**
  - Plasma I0S6 reductions observed following RGX-111 administration
  - Low levels of urinary GAGs maintained in all participants

Data cut December 20, 2021
Single Patient IND: Patient dosed at 20 months of age at Dose 1

Cerebrospinal Fluid (CSF) GAGs

Heparan Sulfate (HS)



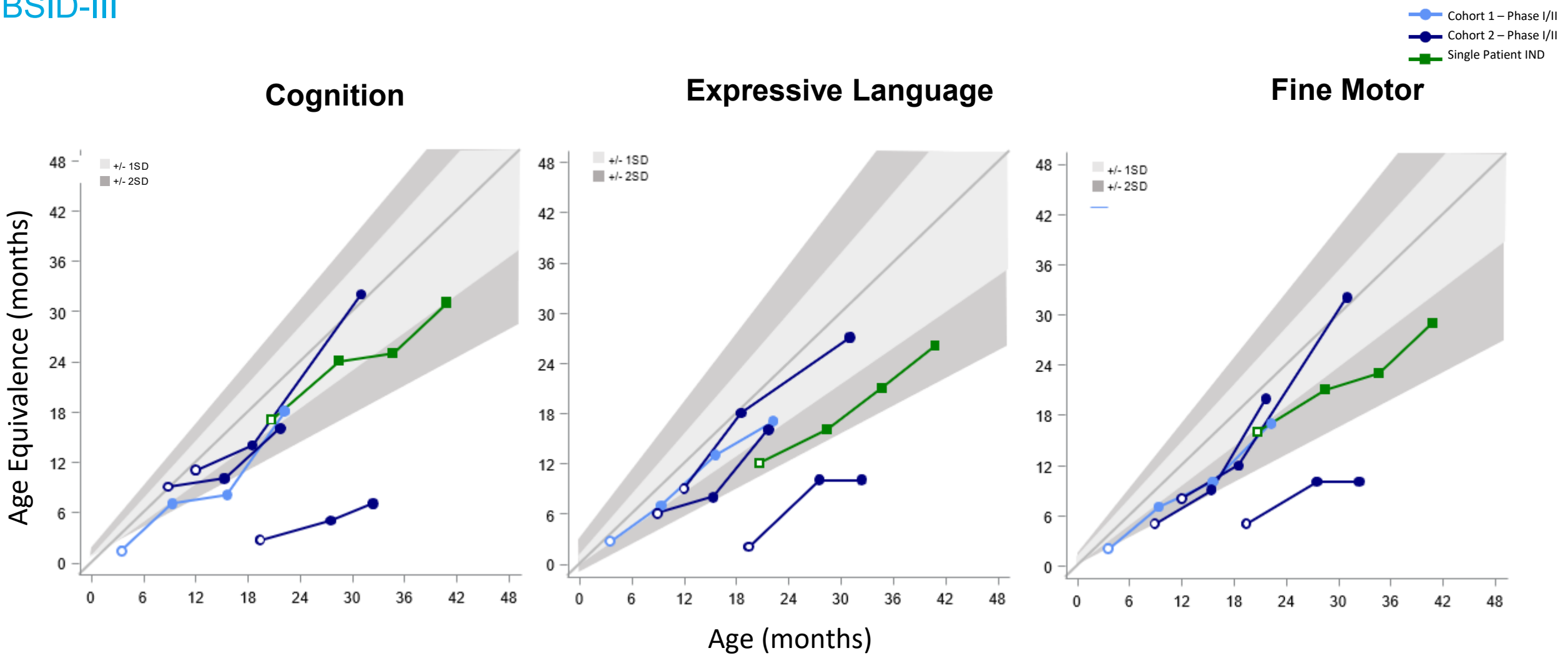
- Decreased CSF heparan sulfate in majority of participants through last time point available
- Measurable CSF IDUA enzyme activity* in 4 of 5 participants in the Phase I/II trial and in the single patient IND participant

Note: Normative data are based on 29 normal samples.
Age ranges from 1 mo. to 21 years of age
•Data not shown

Phase I/II Trial data cut: January 17, 2023
Single Patient IND data cut: December 12, 2021

Neurodevelopmental Function

BSID-III



- **All participants show continued developmental skill acquisition on all subtests**
- **At last assessment, 4 of 5 participants have function ≥ -2 SD of normative mean on the cognition, expressive language and fine motor subtests**

Includes participants (n = 5) with > 6 months of follow-up

Phase I/II Trial data cut: January 17, 2023
Single Patient IND data cut: December 12, 2021

NAV® Technology Platform

REGENXBIO®

The NAV® Technology Platform is based on a *broad and deep IP portfolio*

Exclusive rights to more than **100 patents** and **patent applications worldwide**

- AAV7, AAV8, AAV9, AAVrh10
- Over 100 other novel AAV sequences
- Sequences that are at least 95% identical to these capsids

Key features of REGENXBIO's NAV® Technology Platform

- Broad and novel tissue selectivity
- Improved manufacturability
- High gene transfer
- Long-term gene expression

The NEW ENGLAND JOURNAL of MEDICINE

Long-Term Safety and Efficacy of Factor IX Gene Therapy in Hemophilia B

The NEW ENGLAND JOURNAL of MEDICINE

Single-Dose Gene-Replacement Therapy for Spinal Muscular Atrophy

REGENXBIO's **NAV® Technology Platform** has been widely adopted

Multiple clinical stage programs being developed by NAV Technology Licensees across a broad range of therapeutic areas

REGENXBIO | Industry leader in AAV production and manufacturing

Deep in-house knowledge of vector characterization and strength in technical operations

3,000 ft² in-house GLP pilot plant with 3 X 200L bioreactor capacity
18,000 ft² of fully-operational advanced manufacturing and analytics lab space
30+ batches of cGMP bulk drug substance product covering multiple programs

Flexible, large-scale cGMP capacity

Potential for candidate selection to clinical material in 12 months

Robust suspension cell culture-based production

Integrated process optimization to enable scale and quality

Analytical capabilities to ensure quality for patients

Key highlights of REGENXBIO's new headquarters

- Corporate, research and manufacturing headquarters opened in May 2021
- **REGENXBIO Manufacturing Innovation Center fully operational**, enabling production at bioreactor scales up to 2,000L using NAVXpress™ suspension platform process
- Integrated approach allows for more efficient development and manufacturing of product candidates

REGENXBIO®

Team and Conclusion

The REGENXBIO team

Name	Position	Prior Affiliations
Ken Mills	President, CEO & Co-Founder; Director	FOXKISER, MSD
Olivier Danos, Ph.D.	EVP and Chief Scientific Officer	Biogen, cnrs
Vit Vasista	EVP and Chief Financial Officer	PRTM, MSD
Steve Pakola, M.D.	EVP and Chief Medical Officer	aerpio, amakem THERAPEUTICS
Curran Simpson	EVP, Chief Operations and Technology Officer	gsk, Human Genome Sciences
Ram Palanki, Pharm.D.	EVP, Commercial Strategy and Operations	Santen, Genentech A Member of the Roche Group
Patrick Christmas, J.D.	EVP, Chief Legal Officer	Lumara Health™, WELLSTAT THERAPEUTICS
Laura Coruzzi, Ph.D., J.D.	EVP, Intellectual Property	JONES DAY
Shiva Fritsch	EVP, Chief People Officer	hhmi Howard Hughes Medical Institute, Human Genome Sciences

Financial results and guidance

Q1 2023 financial results (millions)

Revenue:	$19.1
R&D expense:	$58.5
G&A expense:	$22.6
Net loss:	$66.7
Basic share count (3/31/23):	43.5

Q1 2023 financial highlights

Ended Q1 2023 with **$474 million** in cash, cash equivalents and marketable securities

Financial guidance:

REGENXBIO expects its balance in cash, cash equivalents and marketable securities of $474 million as of March 31, 2023 to fund its operations into 2025. This cash runway guidance is based on the Company's current operational plans and excludes the impact of any payments that may be received from AbbVie upon the achievement of development or commercial milestones under our ABBV-RGX-314 collaboration.

Program guidance and anticipated milestones

ABBV-RGX–314	**Subretinal wet AMD:** ATMOSPHERE® and ASCENT® pivotal trials enrolling patients and expanding to global sites; expected to support regulatory submissions in US and Europe in late 2025 through the first half of 2026 **Suprachoroidal wet AMD:** Completed enrollment in Cohort 6, data update expected 2H 2023 **Suprachoroidal DR:** Completed enrollment in Cohorts 4 and 5, data update expected 2H 2023
RGX-202	**Phase I/II AFFINITY DUCHENNE™ Trial:** Active and recruiting patients, expected to report initial trial data 2H 2023 **AFFINITY BEYOND™ Seroprevalence trial:** Active and recruiting patients
RGX–121	**Phase I/II/II CAMPSIITE™ Trial:** Expected to complete enrollment of 10 patients in 1H 23; expected to file BLA in 2024 using accelerated approval pathway **Phase I/II trial in pediatric patients over 5 years old**: Ongoing
RGX–111	**Phase I/II trial:** Enrollment complete, expects to complete analytical characterization of the commercial-scale cGMP material and share additional updates on program plans in the second half of 2023

Thank You