

GBS-02: A Phase 3 Study to Evaluate Efficacy, Safety, Pharmacokinetics, and Pharmacodynamics of ANX005 in Patients with Guillain-Barré Syndrome (GBS)

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Complement Inhibition With Tanrurubart (ANX005) Leads to Rapid, Robust Benefit Across Multiple Endpoints in Patients With GBS

GBS is a complement mediated neuromuscular emergency with significant unmet need despite current treatment options



Tanrurubart Inhibits C1q to rapidly and completely shut down the classical complement pathway and subsequent neuroinflammation and nerve damage



In a Phase 3 pivotal trial, **tanrurubart met the primary endpoint** and **showed consistent clinically meaningful and statistically significant benefit** on GBS outcomes



Tanrurubart has been generally well tolerated with a safety profile comparable to placebo

GBS is a Neuromuscular Emergency with Significant Long-Term Disability With No FDA Approved Therapies

Significant unmet need exists¹

GBS is a rare, life-threatening post infectious neuromuscular emergency²

~7,000 hospitalized and treated in the US per year³ and **150,000** worldwide¹

No FDA-approved therapies⁴

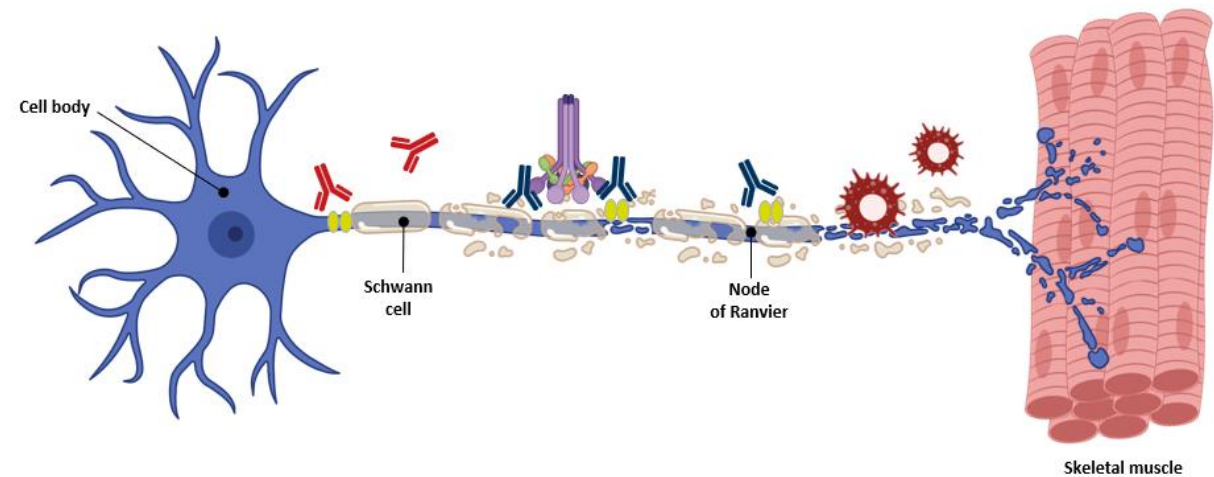


Despite current treatment:

~1 in 4 patients requires mechanical ventilation^{5,6}

Global 1-year mortality rate⁷ is **2-17%**

GBS is a complement mediated neuromuscular emergency^{1,8}

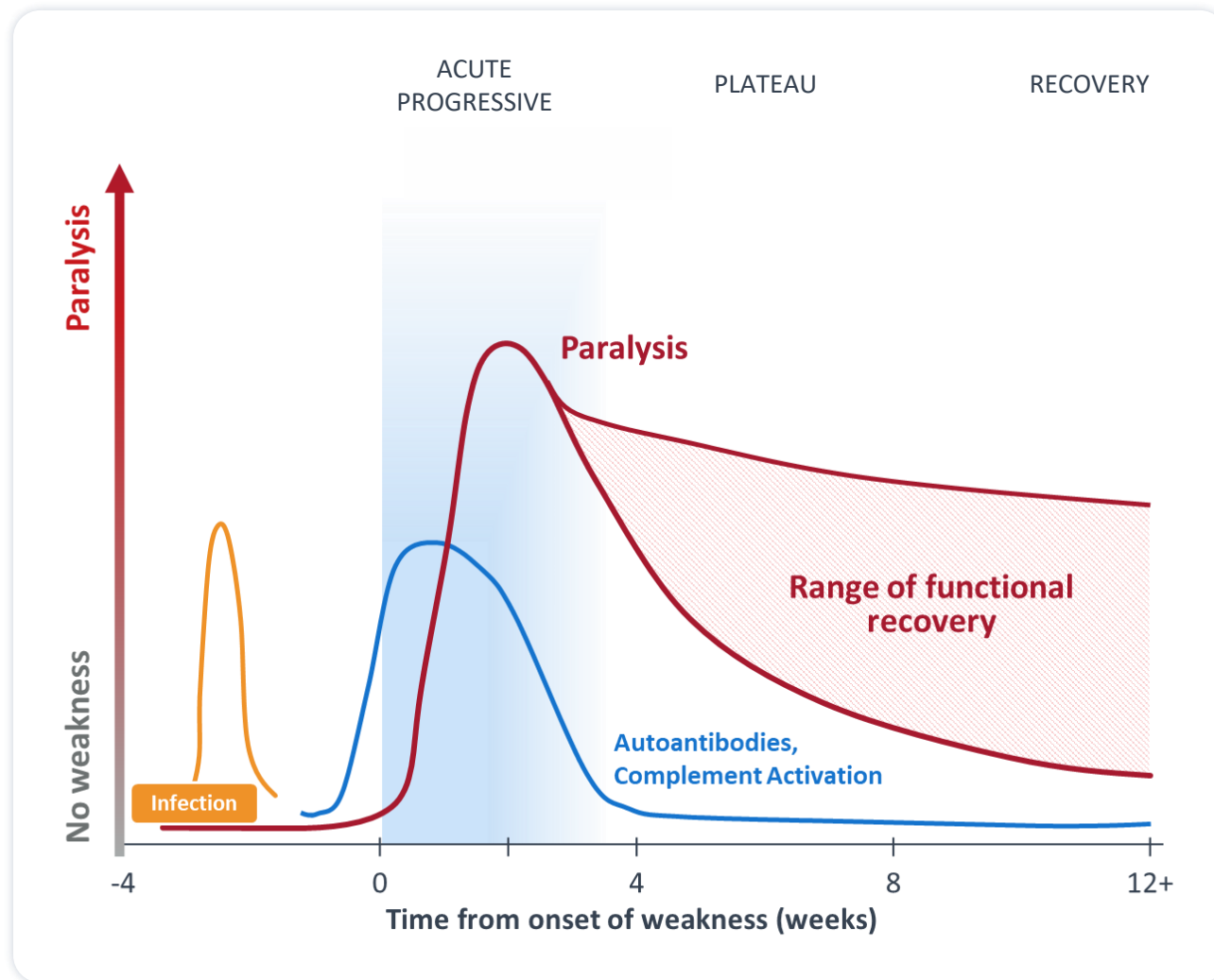


*On the GBS-DS scale

GBS, Guillain-Barré syndrome; IVIg, intravenous immunoglobulin; MOA, mechanism of action.

1. van Doorn PA. *Presse Med.* 2013;42(6 Pt 2):e193-201; 2. Willison HJ, et al. *Lancet.* 2016;388(10045):717-27; 3. Annexion, data on file. 4. Hughes RA, et al. *Cochrane Database Syst Rev.* 2014;2014(9):Cd002063; 5. Martic V, et al. *Can J Neurol Sci.* 2018 May;45(3):269-74. 6. van den Berg B, et al. *Nat Rev Neurol.* 2014;10(8):469-82; 7. Doets AY, et al. Regional variation of Guillain-Barré syndrome. *Brain.* 2018;141(10):2866-77. 8. Dalakas MC et al. *Nat Rev Neurol.* 2020;16(11):601-17.

Complement Rapidly Drives Neuroinflammation and Nerve Damage During the Acute Progressive Phase of GBS Leading to Disability



Acute progressive phase:

- Rapidly progressive bilateral muscle weakness peaking by 1 week in most cases and lasting up to 4 weeks

Plateau phase:

- May include extended period of ventilation in ICU and intensive support care lasting weeks to months

Recovery phase:

- Gradual muscle strength and functional improvement occurring over weeks to years as nerves repair

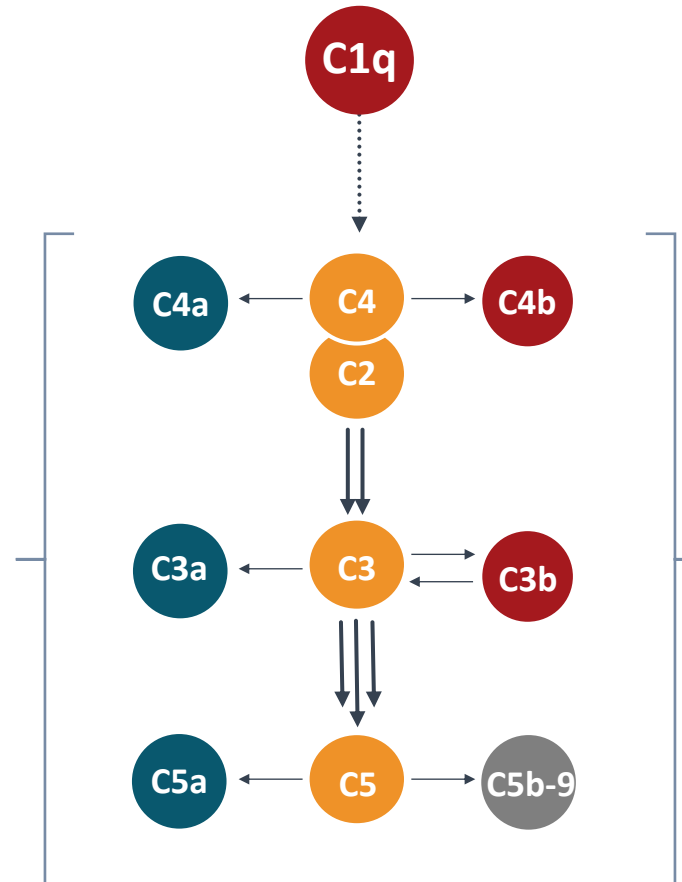
Tanrurprubart (ANX005) Is A Monoclonal Antibody Targeting C1q To Block The Classical Complement Pathway At the Start

C1q Is the Initiating Molecule of the Classical Complement Pathway

C1q anchors to auto-antibodies on nerve surface and activates the pathway

INFLAMMATION AND EDEMA

Local, immediate, complement and '1st responder' driven



NERVE DAMAGE & DESTRUCTION

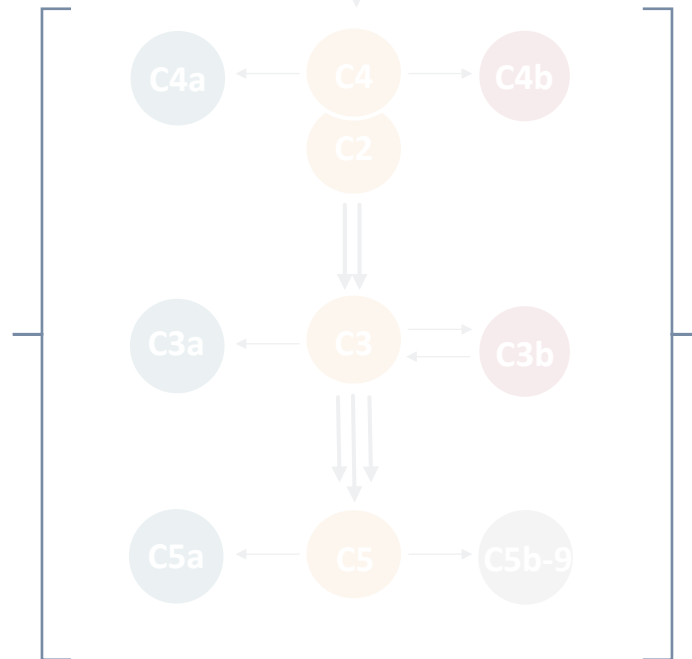
Recruitment of destructive cells including macrophages

Tanruprubart (ANX005) Is A Monoclonal Antibody Targeting C1q To Block The Classical Complement Pathway At the Start

Tanruprubart Rapidly Shuts Down Activation of the *ENTIRE* Classical Complement Pathway on the Nerve



IMMEDIATE CESSATION OF INFLAMMATION AND EDEMA



HALT NERVE DAMAGE & DESTRUCTION

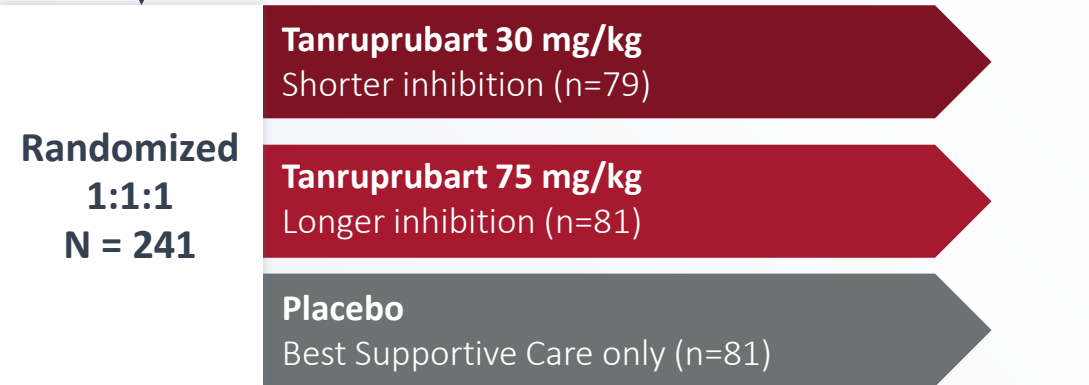
Allow for recovery phase and repair of damaged nerves

GBS-02 Was A Phase 3 Randomized, Double-blind, and Placebo-controlled Study Of Tanrurubart (ANX005) In Patients With GBS

Two doses selected to determine most effective duration of C1q inhibition

Key Inclusion Criteria:

- GBS Disability Score 3, 4 or 5
- <10 days from onset of weakness to treatment
- IVIg or PE not available to patients



Primary endpoint:

- GBS-DS at Week 8 analyzed using a 3-level proportional odds model

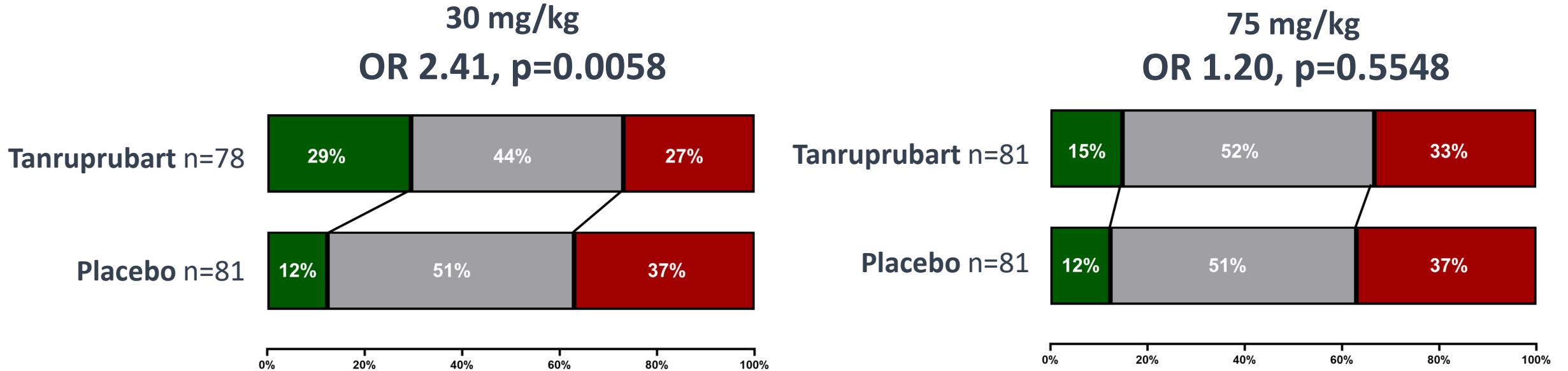
Key secondary endpoints:

- ONLS change from baseline at week 8
- MRC sumscore change from baseline at Week 8
- MRC sumscore change from baseline at Week 1
- Duration of ventilation over 26 weeks

Baseline Characteristic	Placebo (n=81)	Tanrurubart 30mg/kg (n=79)	Tanrurubart 75mg/kg (n=81)
Age, years, mean (SD)	34.2 (12.59)	36.9 (14.88)	37.9 (15.29)
Male sex, n (%)	57 (70.4)	51 (64.6)	51 (63.0)
Baseline GBS-DS score, n (%)			
3	7 (8.6)	12 (15.2)	10 (12.3)
4	64 (79.0)	56 (70.9)	60 (74.1)
5	10 (12.3)	11 (13.9)	11 (13.6)
Baseline MRC sumscore, n (%)			
0-20	38 (46.9)	38 (48.1)	37 (45.7)
21-60	42 (51.9)	41 (51.9)	44 (54.3)
Time since of onset of weakness to treatment			
Days, mean (SD)	6.5 (1.7)	6.3 (1.9)	6.6 (2.0)
Electrophysiology by Hadden criteria, n (%)			
AIDP	18 (22.2)	16 (20.3)	16 (19.8)
AMAN	49 (60.5)	50 (63.3)	50 (61.7)
Other	14 (17.3)	13 (16.5)	15 (18.5)

Shorter Duration of Complement Inhibition Showed Significant and Clinically Meaningful Treatment Effect on GBS-DS at Week 8

Primary Endpoint: 2.4-Fold Higher Likelihood of Being in a Better State of Health Relative to Placebo



APPROACH: Collapse 7-grade scale to a 3-grade scale (trichotomy)

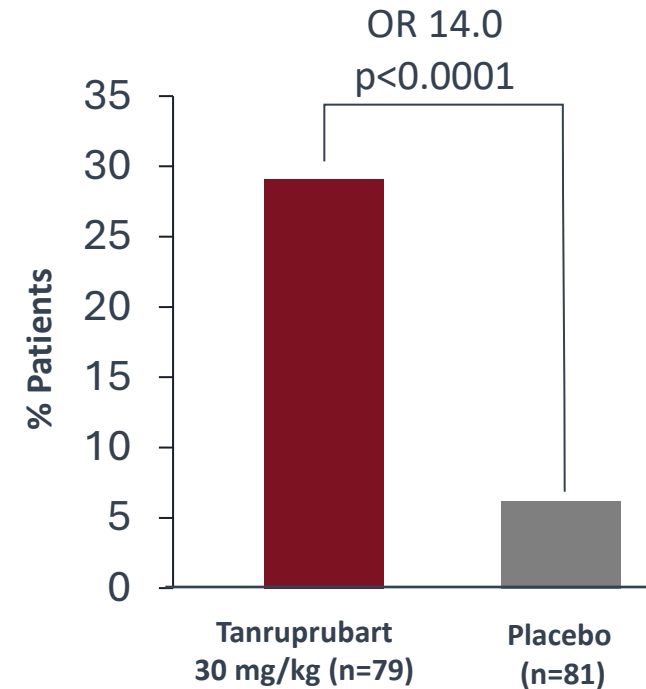
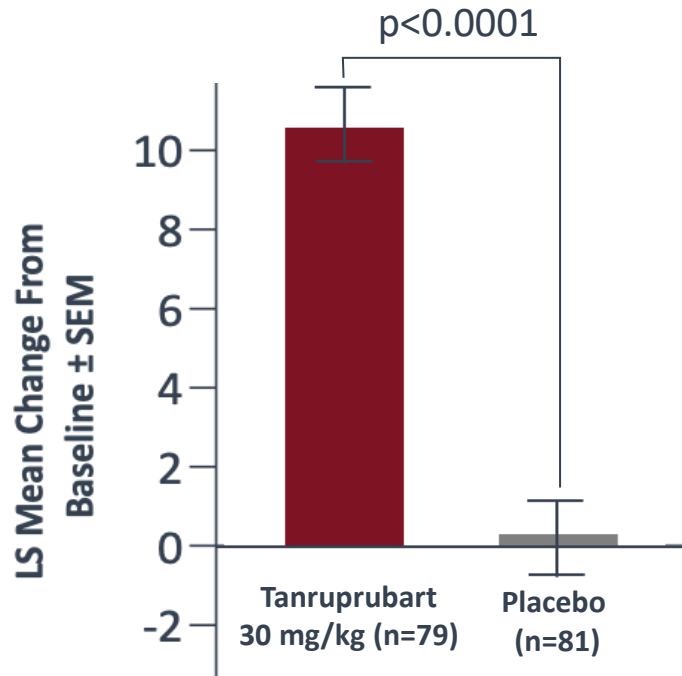
■ 0-1: Good state of health ■ 2-3: Disabled ■ 4-6: Severely disabled/death

Tanruprubart (ANX005) 30 mg/kg Provided Rapid Recovery of Muscle Strength and Motor Function

Rapid Recovery in Muscle Strength Is A Critical Prognostic Factor Of Clinically Meaningful Improvement

Key Secondary Endpoint:
More Than A 10-point Improvement In Muscle Strength
(MRC Sum Score)¹
Over Placebo At Week 1

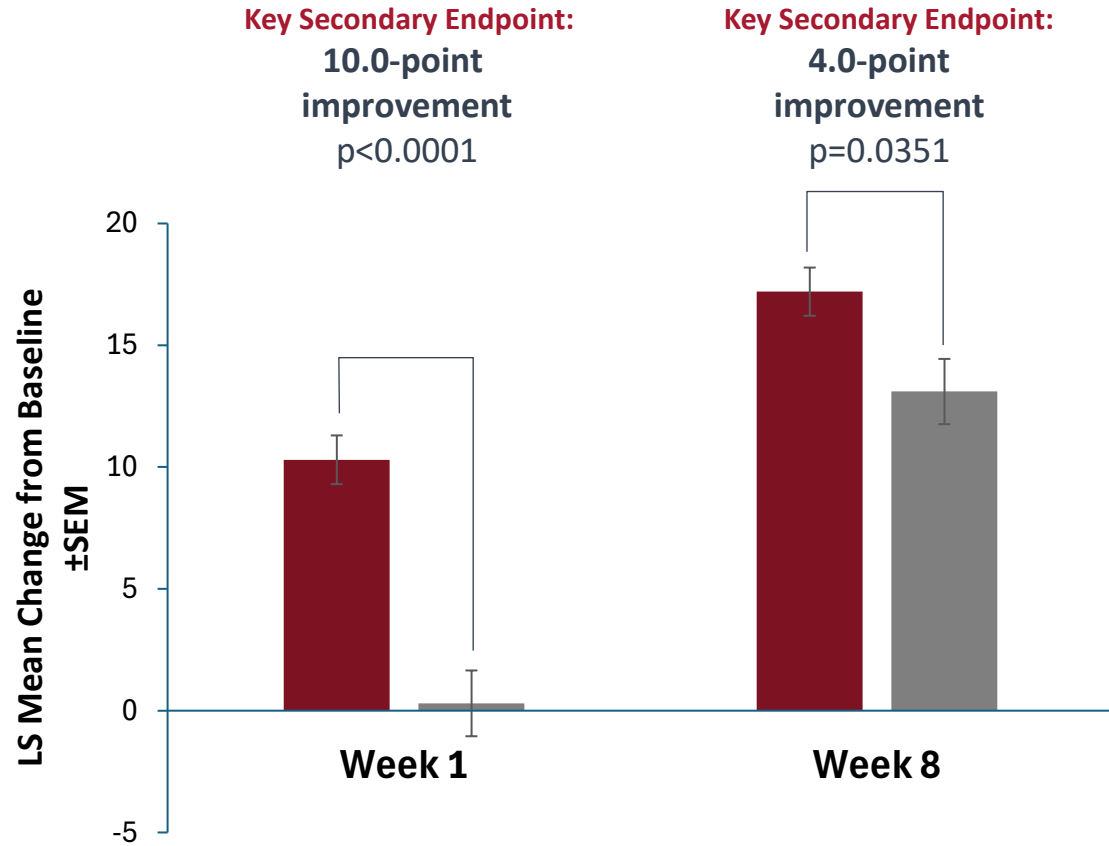
14 Times More Likely
To Perform Timed Up And Go (TUG)
At Week 1



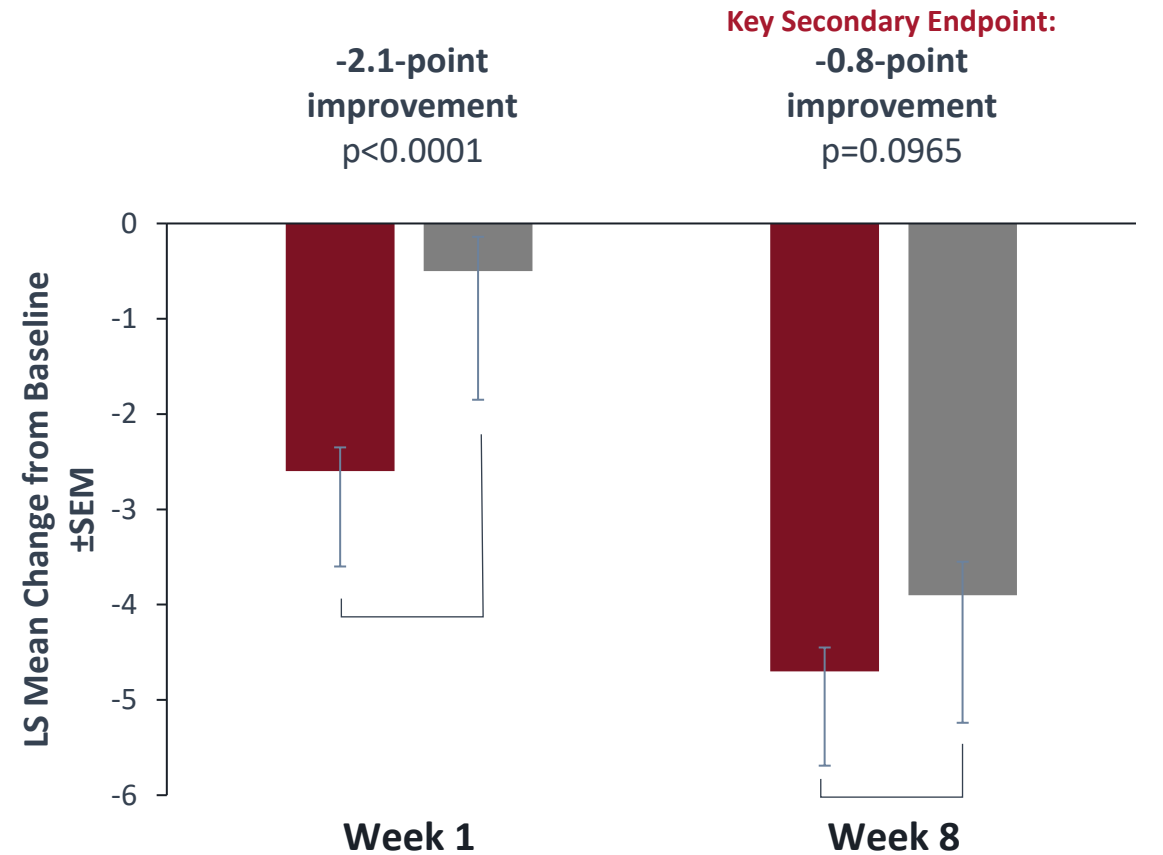
Rapid and Immediate Impact To Disease Trajectory

Other Key Secondary Endpoints Demonstrated Treatment Benefit

RAPID IMPROVEMENT IN MUSCLE STRENGTH (MRC SUM SCORE)



REDUCED MOTOR DISABILITY (ONLS)



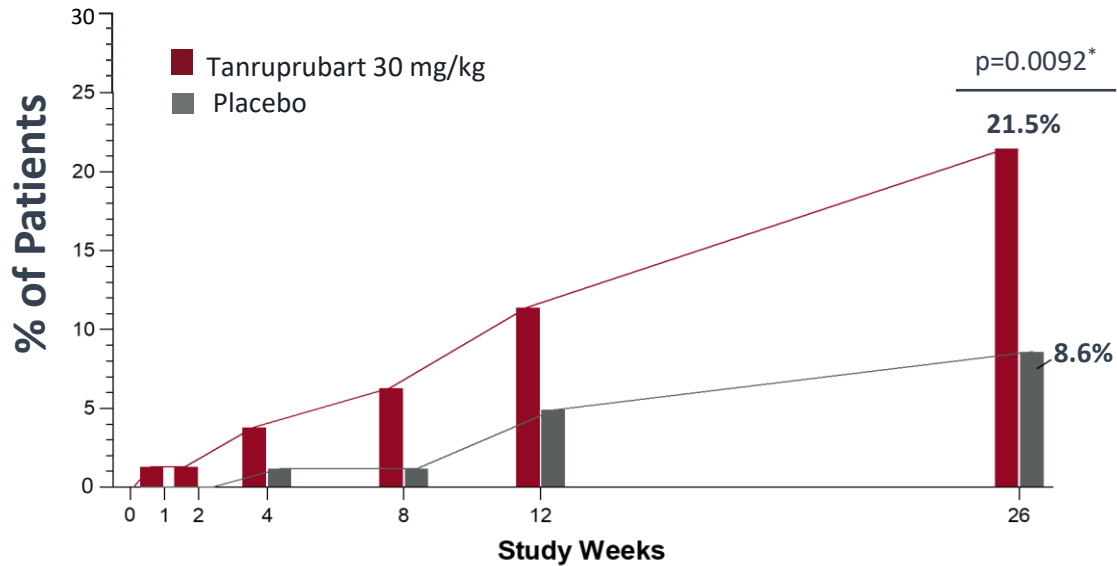
■ Tanruprubart 30 mg/kg (n=79)

■ Placebo (n=81)

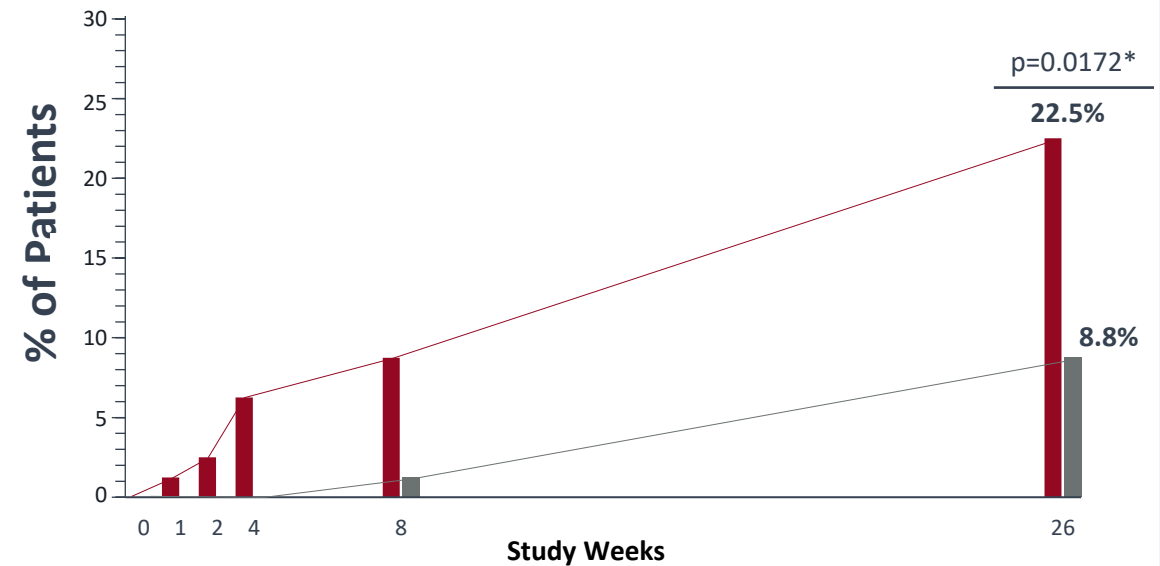
Tanruprubart (ANX005) Treatment Benefit is Durable, Leading to Increased Return to Normal Function Across Multiple Measures of Function and Mobility

~2X+ times more treated patients fully recover on multiple measures at week 26

FULL RECOVERY GBS-DS=0



NO LIMITATIONS ONLS (TOTAL SCORE=0)



Tanruprubart (ANX005) Consistently Showed Faster Recovery Across Clinically Important Measures

Helping Patients Achieve Their Independence Sooner



WALKING INDEPENDENTLY EARLIER

31 days earlier¹, p=0.0211

Tanruprubart

30 mg/kg: n=79

56 Days

Placebo

n=81

87 Days



OFF VENTILATION EARLIER

28 days earlier², p=0.0356

Tanruprubart

30 mg/kg: n=15

20 Days

Placebo

n=15

48 Days



FEWER DAYS IN ICU

7 fewer days³, p=ns

Tanruprubart

30 mg/kg: n=18

25 Days

Placebo

n=19

32 Days

ICU, intensive care unit; ns, not significant.

11 ¹Based on first scheduled visit of recording ²Among patients ventilated ³Among patients requiring ICU

Tanruprubart (ANX005) Was Generally Well-Tolerated

MAJORITY OF AES WERE MILD (GRADE 1) TO MODERATE (GRADE 2)

- Most common related events were infusion-related reactions
 - Majority were mild transient rashes
- SAEs and Grade 3 AEs balanced across groups, characteristic of disease morbidity

DEATHS

- No difference observed in incidence of all-cause mortality — 3 deaths in each dose group
 - Mortality rate of 3.7% consistent with rates seen in clinical trials

	Placebo n=81	Tanruprubart 30 mg/kg n=79	Tanruprubart 75 mg/kg n=81
	All Grades	All Grades	All Grades
Number of subjects reporting TEAEs, n (%)	79 (97.5)	79 (100.0)	80 (98.8)
Number of subjects with infusion-related reaction, n (%)	4 (4.9)	24 (30.4)	32 (39.5)
Rash (most common with IRR)	2 (2.5)	20 (25.3)	25 (30.9)
Most common TEAEs (non-IRR), n (%)			
Blood CPK increased	46 (56.8)	44 (55.7)	35 (43.2)
Musculoskeletal pain	35 (43.2)	36 (45.6)	26 (32.1)
ALT increased	23 (28.4)	21 (26.6)	23 (28.4)
Urinary tract infection	18 (22.2)	19 (24.1)	18 (22.2)
Hypokalemia	24 (29.6)	16 (20.3)	11 (13.6)
Constipation	10 (12.3)	15 (19.0)	17 (21.0)
AST increased	16 (19.8)	11(13.9)	17 (21.0)

Tanruprubart (ANX005) 30 mg/kg Single Dose Led to Rapid, Robust, and Consistent Benefit Across Multiple Endpoints

First targeted immunotherapy in GBS

- ◆ **Single dose rapidly blocks C1q** and complement-mediated neuroinflammation and nerve damage

Clinically meaningful improvement throughout the study

- ◆ **10-point point improvement** in muscle strength at week 1
- ◆ **Earlier gains in function** and reductions in disability
- ◆ **~2x more complete recovery** at the end of the 26-week study

Generally well tolerated

- ◆ **Safety data similar to placebo**
- ◆ **No increased infection rate** while not requiring vaccination or prophylactic antibiotics