

Tanruprubart Rapidly Improves Health-Related Quality of Life in Patients With Guillain-Barré Syndrome: A Randomised, Placebo-Controlled Phase 3 Study

Myoung Kim¹, Glenn Morrison¹, Jing Du¹, Quazi Deen Mohammad², Nowshin Papri³, Henk-André Kroon¹, Kenneth C Gorson⁴

¹Annexon Biosciences, Brisbane, CA, USA; ²National Institute of Neuroscience (NINS), Dhaka, Bangladesh; ³icddr,b, Dhaka, Bangladesh; ⁴Tufts University School of Medicine, Boston, MA, USA



Scan to download

Introduction

- Guillain-Barré syndrome (GBS) is a rare, rapidly progressive neuromuscular emergency that can affect anyone at anytime, often requiring prolonged hospitalisation and intensive care, and in some cases can be fatal¹
- GBS is often associated with life-long disability.¹⁻³ Patients with long-term residual effects often need to change their work and general lifestyle to adapt after acute recovery⁴
- Tanruprubart (ANX005), a monoclonal antibody, is a targeted immunotherapy that selectively binds to and inhibits C1q, the initiating molecule of the classical complement pathway, thus providing rapid inhibition of complement-mediated neuroinflammation and nerve damage^{5,6}
- In GBS-02 (NCT04701164), a Phase 3, multicentre, double-blind, placebo-controlled trial of tanruprubart in patients with GBS, patients treated with tanruprubart 30 mg/kg had better outcomes (adjusted odds ratio [aOR] 2.4; 95% CI 1.3–4.5; p=0.0058) according to the GBS-Disability Score (GBS-DS) relative to placebo at Week 8⁷
- Tanruprubart was well tolerated, and most adverse events were mild to moderate in severity, attributed to GBS and not considered related to the study drug⁷
- This analysis presents patient-reported outcomes with tanruprubart 30 mg/kg vs placebo

Methods

GBS-02 study design

