

# ADAPT NXT: An Open-Label Study to Assess the Clinical Efficacy and Safety of Efgartigimod to Further Individualize Treatment in Patients With gMG

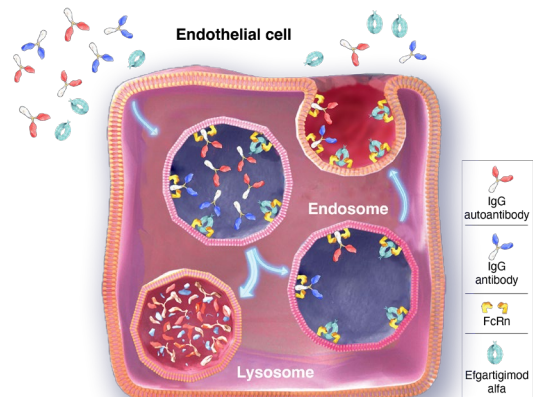
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## INTRODUCTION

### Efgartigimod Mechanism of Action: Blocking FcRn



- FcRn recycles IgG, extending its half-life and maintaining its serum concentration<sup>1</sup>
- Efgartigimod is a human IgG1 Fc fragment, a natural ligand of FcRn, engineered for increased affinity to FcRn<sup>2,3</sup>
- Efgartigimod was designed to outcompete endogenous IgG, preventing recycling and promoting lysosomal degradation of IgG<sup>2-6</sup>
  - Targeted reduction of all IgG subclasses
  - No impact on immunoglobulins M or A
  - No reduction in albumin levels
  - No increase in cholesterol
  - No impact on IgG production or ability to mount an immune response

## RATIONALE

- Cyclic administration of efgartigimod 10 mg/kg IV was well tolerated and effective at improving strength and function in patients with gMG in previous studies<sup>4</sup>
- The goal of this study is to provide additional dosing regimens to further individualize treatment for patients with gMG

### Pharmacodynamic Modeling

- Simulated total IgG modeling, based on existing clinical data, was performed to assess relative reductions in IgG with additional individualized dosing regimens<sup>7</sup>
- Based on these modeling data, continuous dosing of efgartigimod Q2W or Q3W provide IgG reductions that fall within the range of reductions observed with cyclical dosing<sup>7</sup>

### Safety

- No treatment-related serious adverse events have been observed in ongoing clinical studies in which efgartigimod was administered weekly or Q2W<sup>7</sup>
- Q2W continuous dosing of efgartigimod has been used to treat other conditions without notable changes to risk profile<sup>8</sup>

### ABBREVIATIONS

AChR, acetylcholine receptor; EQ-5D-5L VAS, EuroQoL 5-Dimensions 5-Level Visual Analog Scale; FcRn, neonatal Fc receptor; gMG, generalized myasthenia gravis; IgG, immunoglobulin G; IV, intravenous; IVIg, intravenous immunoglobulin; MG-ADL, Myasthenia Gravis Activities of Daily Living; MG-QoL15r, Myasthenia Gravis Quality of Life 15-Item Questionnaire, Revised; Neuro-QoL, Adult Quality of Life in Neurological Disorders; NSIST, nonsteroidal immunosuppressive therapy; SCIg, subcutaneous immunoglobulin; TSQM-9, Treatment Satisfaction Questionnaire for Medication—9 Items; Q2W, every 2 weeks; Q3W, every 3 weeks.

## DESIGN

### INCLUSION CRITERIA

- ≥18 years of age
- Anti-AChR-antibody positive gMG
- MG-ADL total score ≥5 (>50% nonocular)
- Stable background treatment of gMG is allowed<sup>a</sup>

<sup>a</sup>Concomitant gMG therapy permitted, but not required (NSISTs, steroids, and/or acetylcholinesterase inhibitors; stable dose for ≥1 month before screening for NSISTs and/or corticosteroids).

### EXCLUSION CRITERIA

- Total IgG <6 g/L at screening
- Use of IVIg or SCIg within 14 days, eculizumab within 1 month, any other investigational product within 3 months or 5 half-lives, monoclonal antibody within 5 half-lives, or rituximab within 6 months of screening
- Received a live or live-attenuated vaccine <28 days before screening
- History of malignancy
- Received a thymectomy <3 months before screening
- Active infection

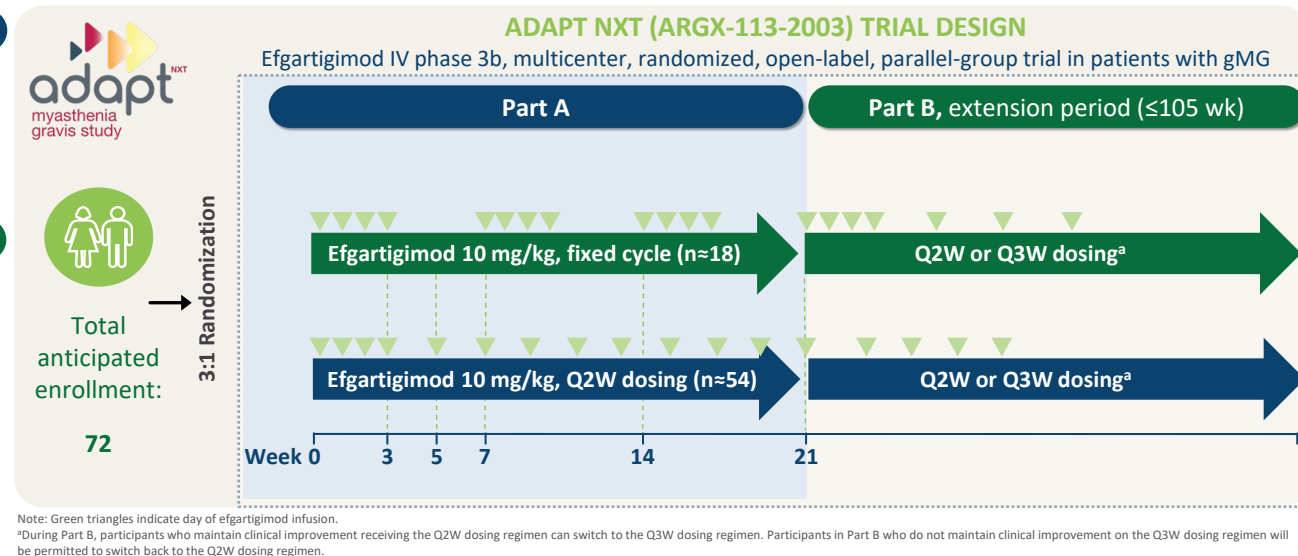
## ENDPOINTS

### PRIMARY ENDPOINT

- Mean of the average MG-ADL total score change from Week 1 through Week 21 by regimen arm

### SECONDARY AND ADDITIONAL ENDPOINTS

- Secondary Endpoint**
  - Incidence and severity of adverse events, serious adverse events, adverse events of special interest, laboratory test results, vital signs, and electrocardiogram results
  - Change from baseline in the MG-ADL total score over time
  - Percentage of participants who have a ≥2-, 3-, 4-, or 5-point improvement in MG-ADL total score over time
  - Participants achieving minimal symptom expression, defined as MG-ADL total score 0–1, over time
- Exploratory Endpoints**
  - Patient treatment satisfaction (TSQM-9 domain scores)
  - Pharmacokinetic and pharmacodynamic effects
  - Impact on quality of life (MG-QoL15r, EQ-5D-5L VAS, and Neuro-QoL)
  - Feasibility of remote MG-ADL scale administration and receiving efgartigimod infusions off site



## SUMMARY

**ADAPT NXT is a phase 3b, multicenter, randomized, open-label, parallel-group trial** evaluating the efficacy and safety of different dosing regimens of IV efgartigimod in patients with gMG

**ADAPT NXT is designed to determine** the efficacy, safety, and tolerability of 10 mg/kg IV efgartigimod administered in additional dosing regimens

**Recruitment is ongoing** Estimated primary completion date: end of 2023

### ACKNOWLEDGMENTS AND DISCLOSURES

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