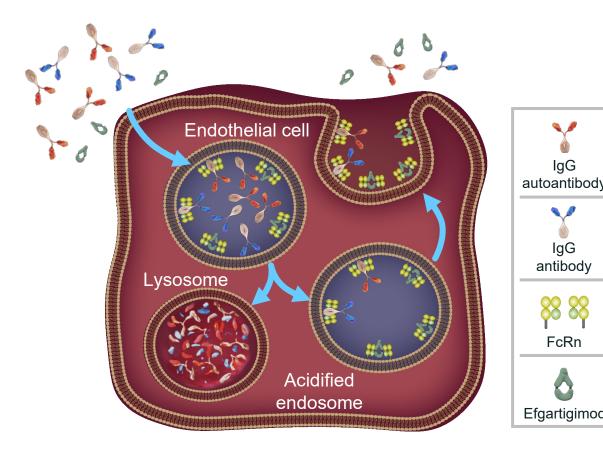
# Fixed Cycle and Every-Other-Week Dosing of Intravenous Efgartigimod for Generalized Myasthenia Gravis: Part A of ADAPT NXT



Ali A. Habib,<sup>1</sup> Kristl G. Claeys,<sup>2,3</sup> Vera Bril,<sup>4,5</sup> Yessar Hussain,<sup>6</sup> Kelly Gwathmey,<sup>7</sup> Gregory Sahagian,<sup>8</sup> Elena Cortés-Vicente,<sup>9,10</sup> Edward Brauer,<sup>11</sup> Delphine Masschaele,<sup>11</sup> Renato Mantegazza,<sup>12</sup> Andreas Meisel,<sup>13</sup> Shahram Attarian<sup>14</sup> and the ADAPT NXT Study Group <sup>1</sup>Department of Neurology, University of California, Irvine, Irvine, California, USA; <sup>2</sup>Department of Neurology, University Health Network, Toronto, Ontario, Canada; <sup>5</sup>University of Toronto, Toronto, Ontario, Ontario, Ontario, Canada; <sup>5</sup>University of Toronto, Toronto, Ontario, Ontario, Canada; <sup>5</sup>University of Toronto, Toronto, Ontario, Ontario, Ontario, Ontario, Canada; <sup>5</sup>University of Toronto, Toronto, Ontario, Ontario, Ontario, Canada; <sup>5</sup>University of Toronto, Ontario, Ontario, Ontario, Ontario, Ontario, Canada; <sup>5</sup>University of Toronto, Ontario, Ontar Canada; <sup>6</sup>Austin Neuromuscular Center, Austin, Texas, USA; <sup>7</sup>Department of Neurology, Virginia, USA; <sup>9</sup>Neuromuscular Diseases Unit, Department of Neurology, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain; <sup>10</sup>Biomedical Research Institute Sant Pau, <sup>11</sup>argenx, Ghent, Belgium; <sup>12</sup>Department of Neurology and NeuroScience Clinical Research Center, Charité – Universitätsmedizin Berlin, Berli

### INTRODUCTION

### Efgartigimod Mechanism of Action: Blocking FcRn



- FcRn recycles IgG antibodies and albumin. This recycling and salvage from lysosomal degradation results in IgG antibodies having the longest half-life and being the most abundant of all immunoglobulins<sup>1-3</sup>
- Blocking FcRn to selectively reduce IgG levels is therefore a rational therapeutic approach in patients with IgG-mediated autoimmune diseases<sup>1,2</sup>
- Efgartigimod is an IgG1 antibody Fc fragment that has been engineered for increased affinity to FcRn, and is uniquely composed of the only part of the IgG antibody that normally binds FcRn<sup>1</sup>
- Efgartigimod selectively reduces IgG by blocking FcRnmediated IgG recycling without impacting antibody production, albumin levels, or other parts of the immune system<sup>1,4,5</sup>
- Efgartigimod prevents IgG recycling by blocking IgG antibodies from binding to FcRn, with unbound IgG antibodies being degraded<sup>1,4</sup>

# **RESULTS**

Table 1. ADAPT NXT Baseline Der      Safety	nographics and Clinical Cl	naracteristics		. ANCOV -ADL Tota								e	
	Efgartigimod IV Fixed Cycles	Efgartigimod IV Q2W				tigimod IV I d Cycles		Efgartigimod Q2W		Efgartigimod IV Fixed Cycles vs Q2W			
	(n=17)	(n=52)		n	LS m		n		S mean			estimate	
Age, years, mean (SD)	52.4 (16.1)	57.1 (16.5)			(95%			(9	95% CI)		•	5% CI)	
<b>Age ≥65 years,</b> n (%)	5 (29.4)	20 (38.5)	mITT analysis set	17	-5.´ (-6.499;		52	(-5.3	-4.61 383; -3.84	15)		-0.52 04; 1.067	7)
Sex, female, n (%)	9 (52.9)	34 (65.4)	<sup>a</sup> The ANCOVA model includes the tr	treatment arm as a factor and the baseline MG-ADL total score as a covariate.									
Time since diagnosis, y, mean (SD)	7.4 (6.6)	6.9 (7.3)		Table 3. Summary of TEAEs									
MGFA classification at screening, n (%)					Tab		/ Analysis						
Class II	6 (35.3)	17 (32.7)		Efgartigimod IV Efgartigimod IV Efgartigimod IV									
Class III	11 (64.7)	33 (63.5)		Fixed CyclesQ2WTotal population									
Class IV	0	2 (3.8)		(n=17, PYFU=6.9) (n=52, PYFU=20.9) (N=69, PY					۶, PYFU:				
Total MG-ADL score, mean (SD)	8.1 (2.2)	9.8 (3.3)			n	%	ER⁵	n	%	ER⁵	n	%	ER⁵
Total MG-ADL categorization, n (%)			TEAE		16	94.1	12.0	43	82.7	10.1	59	85.5	10.6
5-12	17 (100.0)	39 (75.0)	Serious TEAE		1	5.9	0.4	7	13.5	0.3	8	11.6	0.4
>12	0	13 (25.0)	Grade ≥3 TEAE		3	17.6	1.3	7	13.5	0.4	10	14.5	0.6
Total MG-QoL15r score, mean (SD)	14.3 (5.6)	17.7 (6.1)	Fatal TEAE		0	-	-	0	-	-	0	-	-
Baseline MG therapy, n (%)		, <i>,</i>	Discontinued due to	TEAEs	0	-	-	1	1.9	<0.1	1	1.4	<0.1
Any steroid	10 (58.8)	30 (57.7)	Most frequent TEAE	S <sup>a</sup>									
Any NSIST	8 (47.1)	19 (36.5)	COVID-19		2	11.8	0.3	11	21.2	0.5	13	18.8	0.5
Any AChEl	12 (70.6)	49 (94.2)	Headache		5	29.4	1.2	8	15.4	0.6	13	18.8	0.8
AChEl only	0 (0)	17 (32.7)	Upper respiratory tra	act infectio	on 2	11.8	0.4	5	9.6	0.4	7	10.1	0.4
	<b>c</b> ( <b>c</b> )		<sup>a</sup> Reported by ≥10% of total participa	ante bER was o	alculated as nu	mber of ever	nte/DVFI I						

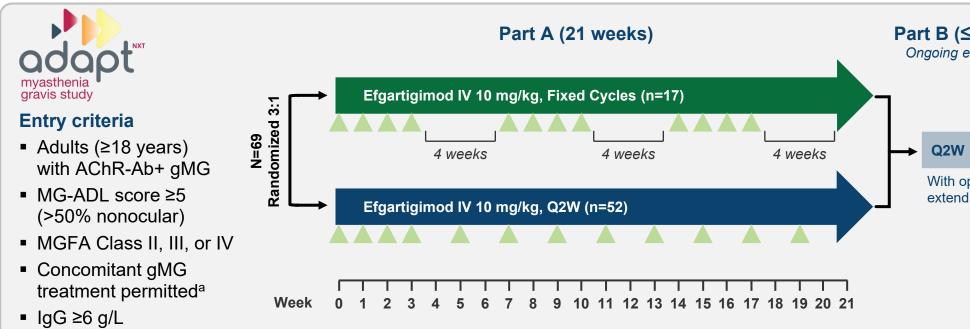
ABBREVIATIONS

AChEI, acetylcholinesterase inhibitor; AChR-Ab+, acetylcholine receptor autoantibody positive; ANCOVA, analysis of covariance; CMI, clinically meaningful improvement; ER, event rate; Fc, fragment crystallizable region; FcRn, neonatal Fc receptor; gMG, generalized myasthenia gravis; Ig, immunoglobulin; IV, intravenous; LS, least squares; MG, myasthenia gravis; MG-ADL, Myasthenia Gravis Activities of Daily Living; MGFA, Myasthenia Gravis Foundation of America; MG-QoL15r, Myasthenia Gravis Quality of Life 15-Item Questionnaire, Revised; mITT, modified intent-to-treat; MSE, minimal symptom expression; NSIST, nonsteroidal immunosuppressive therapy; PYFU, participant years of follow-up; Q2W, every other week; Q3W, every third week; TEAE, treatment-emergent adverse event.

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## **METHODS**

### **SUMMARY** ADAPT NXT is a phase 3B, randomized, open-label, parallel-group study designed to evaluate 2 dosing Both Fixed Cycles and Q2W dosing resulted in similar clinically meaningful regimens of efgartigimod IV to maximize and maintain clinical benefit in participants with gMG improvements in MG-ADL scores that were maintained through 21 weeks • Both study arms initially receive 1 cycle of 4 once-weekly infusions. Subsequently, the Fixed Cycles arm receives 3 cycles of 4 once-weekly infusions (with 4 weeks between cycles), and the Q2W arm receives infusions once every other week Clinical improvements were observed as early as Week 1 in both groups Part A (21 weeks) Part B (≤105 weeks)<sup>b</sup> adapt Ongoing extension period Primary endpoint myasthenia gravis study Mean of the average MG-ADL fgartigimod IV 10 mg/kg, Fixed Cycles (n=17) MSE was achieved in 47.1% and 44.2% of patients receiving Fixed Cycles total score change from Week **Entry criteria** and Q2W dosing, respectively 1 through Week 21 by ■ Adults (≥18 years) Q2W regimen arm with AChR-Ab+ gMG With option to ■ MG-ADL score ≥5 Key secondary endpoints extend to Q3W Efgartigimod IV 10 mg/kg, Q2W (n=52) (>50% nonocular) Change from baseline in Efgartigimod was well tolerated across both dosing regimens MGFA Class II, III, or IV MG-ADL total score over time Concomitant gMG Percentage of participants achieving MSE (MG-ADL 0-1)

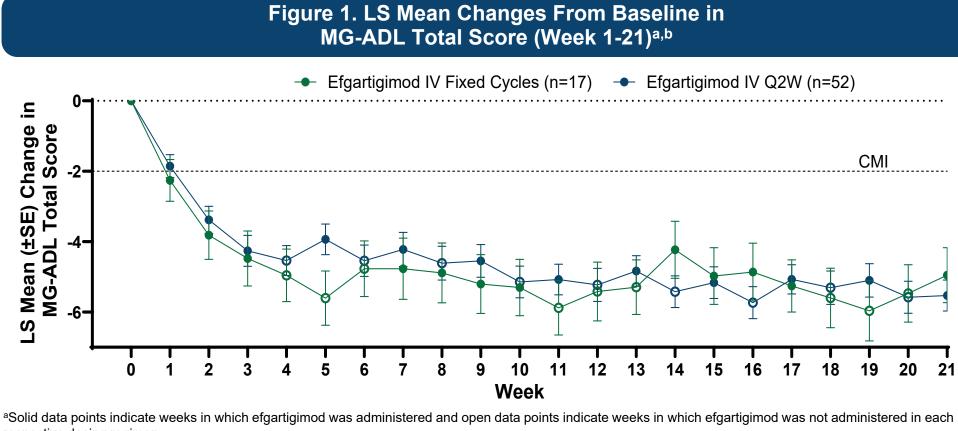


Note: Green triangles indicate efgartigimod infusion Including NSISTs, corticosteroids, and/or AChEls. If receiving corticosteroids and/or NSISTs, must be on a stable dose for ≥1 month prior to screening <sup>b</sup>All participants entering Part B will be transitioned to Q2W with the option to extend to Q3W dosing; patients in Fixed Cycle arm will receive another cycle before transitioning to Q2W dosing

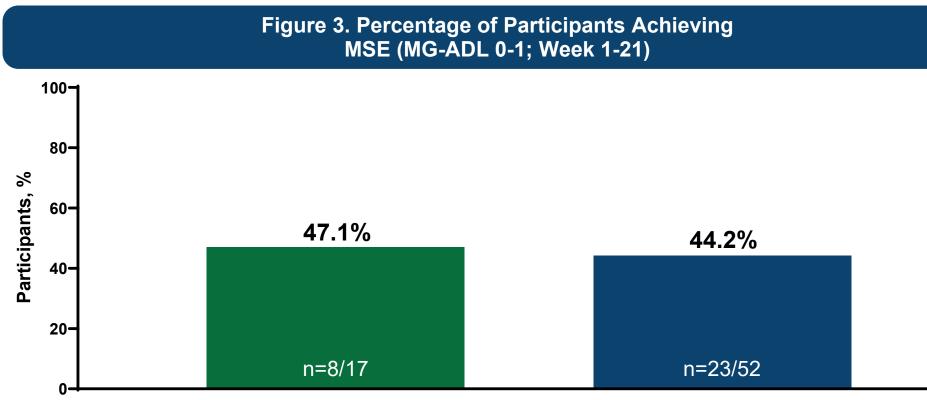
<sup>a</sup>Reported by ≥10% of total participants. <sup>b</sup>ER was calculated as number of events/PYFU.

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respective dosing regimen



at any time

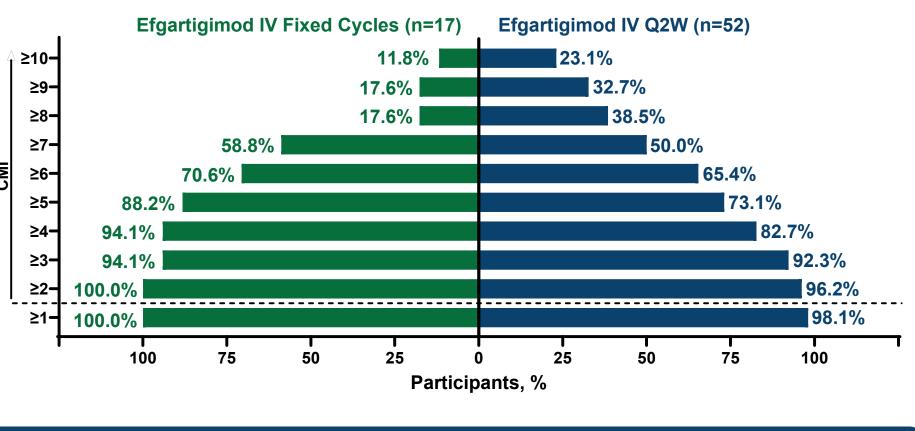
<sup>b</sup>Mixed model for repeated measurements with treatment, visit and treatment by visit interaction as fixed effects, and baseline total MG-ADL score as covariate.

Efgartigimod IV Fixed Cycles

### Efgartigimod IV Q2W

≥2**-** 100.0°

treatment for the treatment of gMG



		artigimod IV xed Cycles	Efg	artigimod IV Q2W
Interval	n	MSE, n (%)	n	MSE, n (%)
Week 1 – Week 7	17	8 (47.1)	52	14 (26.9)
Week 8 – Week 14	16	7 (43.8)	52	18 (34.6)
Week 15 – Week 21	16	5 (31.3)	49	19 (38.8)
Week 8 – Week 21	16	7 (43.8)	52	22 (42.3)
Week 1 – Week 21	17	8 (47.1)	52	23 (44.2)

<sup>a</sup>A participant is reported as achieving MSE if an MG-ADL score of 0 or 1 was observed at least once during the interval.





# ADAPT NXT provides data on further options to individualize efgartigimod

Figure 2. Proportion of Participants With Increasing MG-ADL Thresholds (Week 1-21)

### Table 4. Percentage of Participants Achieving MSE (MG-ADL 0-1) by Study Interval<sup>a</sup>