



# Subcutaneous Efgartigimod PH20 Demonstrates Improvements in gMG Patients Regardless of Prior Administration Route

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SCAN ME

## BACKGROUND

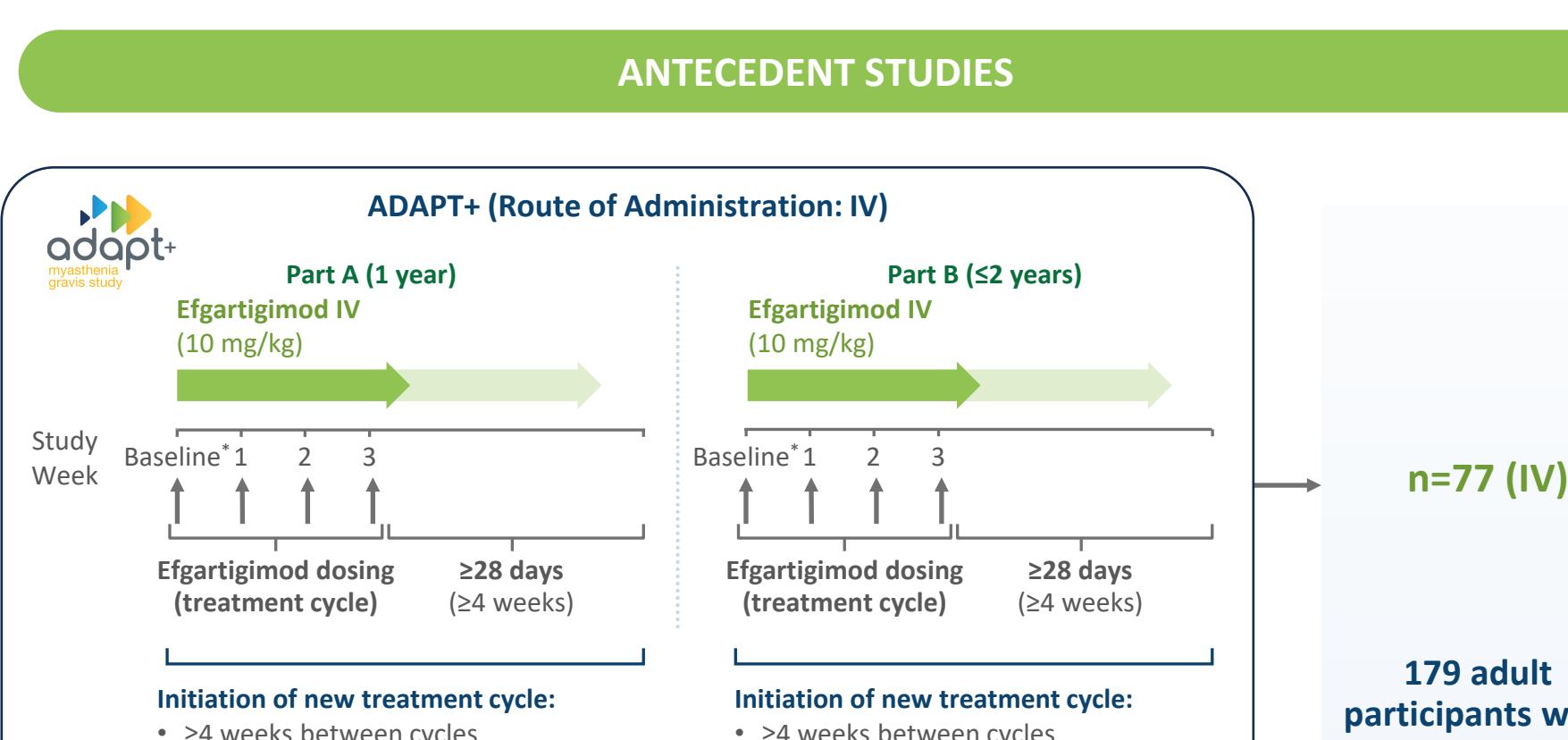


## METHODS

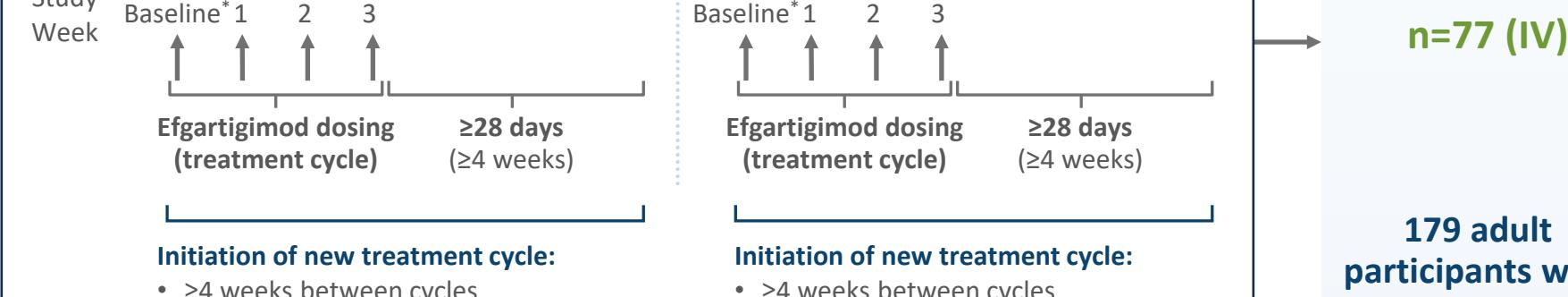
### Study Design and Duration

- As of 01 December 2022, 184 participants rolled over to the ADAPT-SC+ study, and 179 received  $\geq 1$  dose of efgartigimod PH20 SC (Figure 1)
- Of these 179 participants, 127 received efgartigimod IV prior to receiving efgartigimod PH20 SC (denoted as 'IV-SC' herein) and 52 received only efgartigimod PH20 SC (denoted as 'SC-SC' herein) (Table 1)
- Median (min; max) duration in the ADAPT-SC+ study was 451.0 (67; 585) days (136.9 PYFU) and 444.5 (71; 515) days (56.5 PYFU) in the IV-SC and SC-SC subgroups, respectively

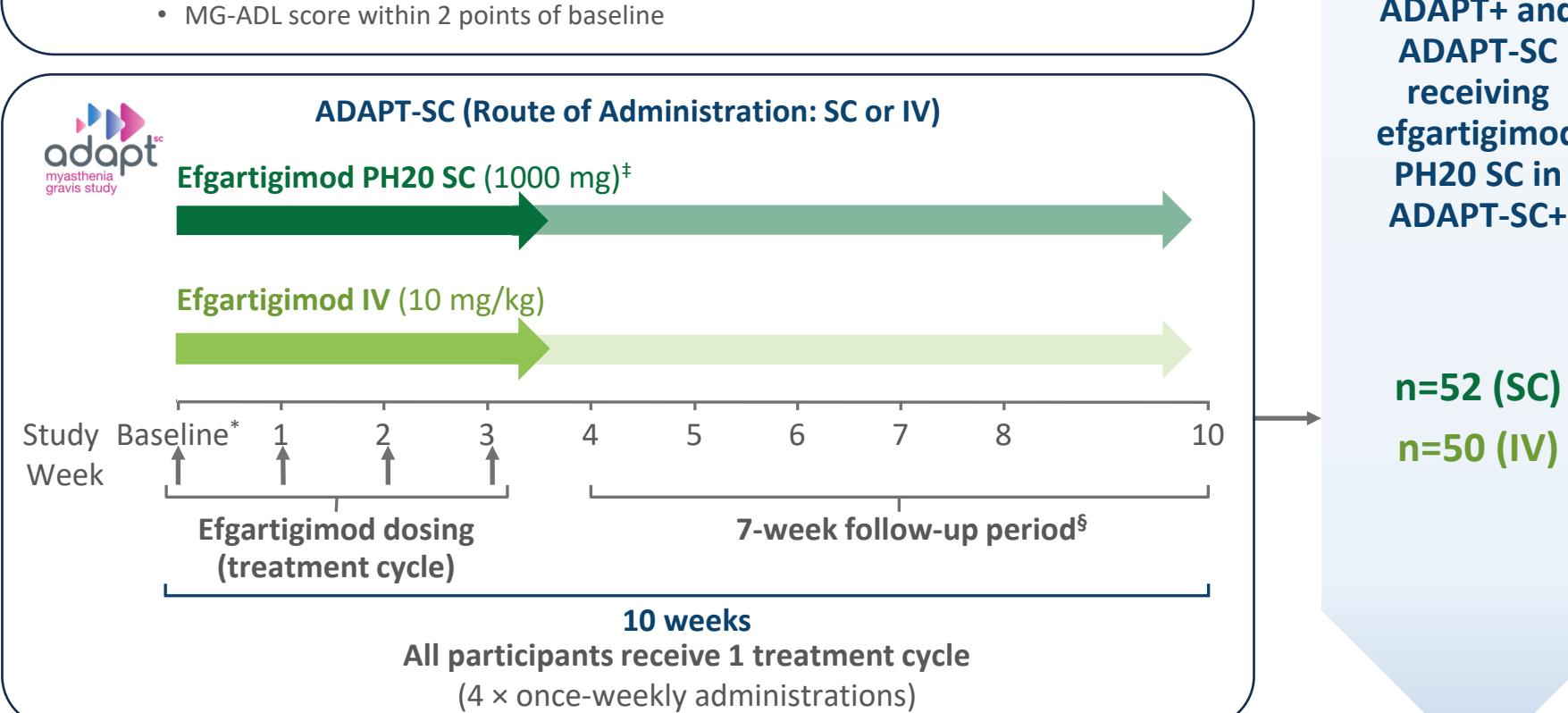
FIGURE 1 ADAPT-SC+ Study Design and Participant Origin



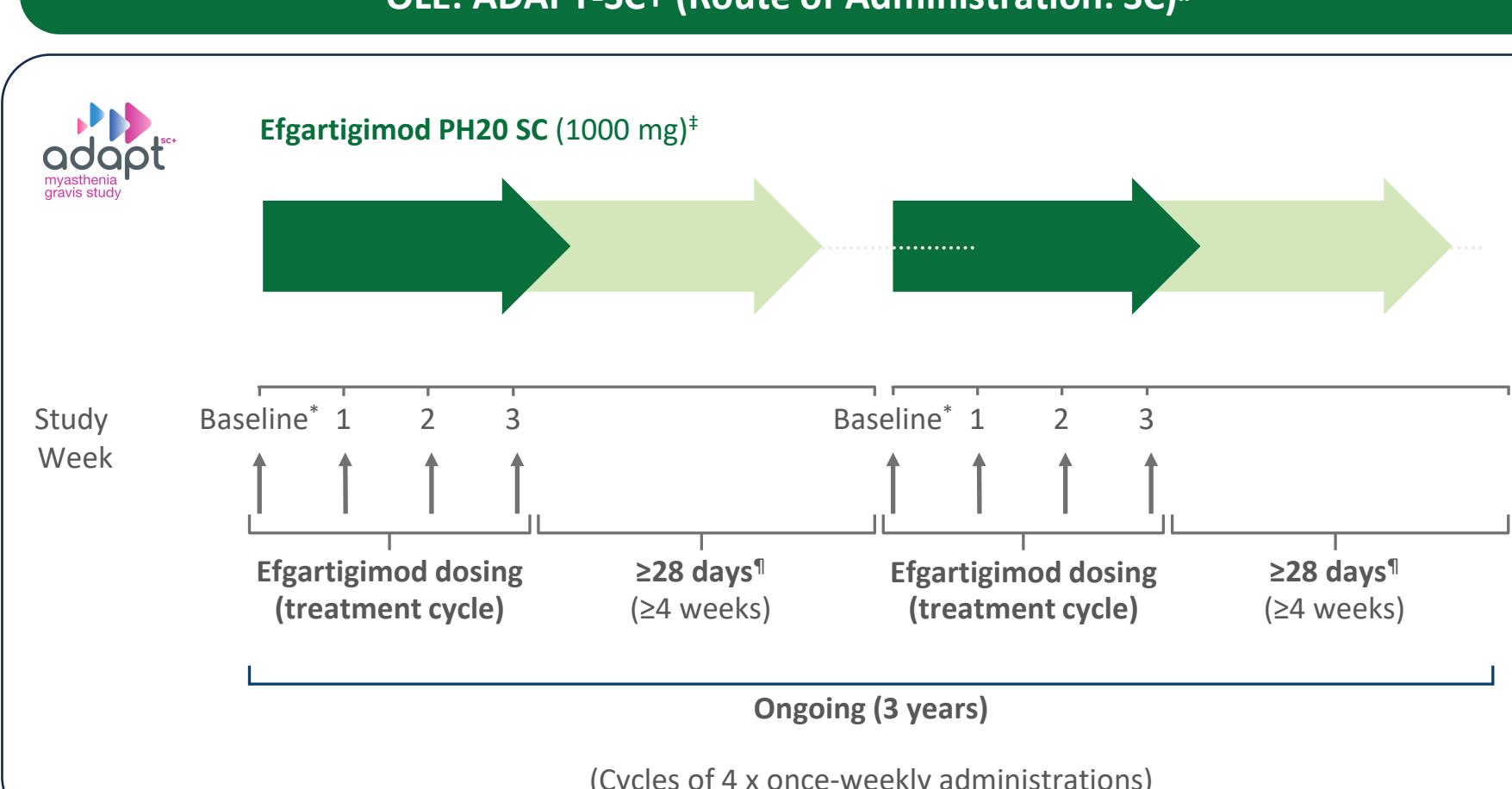
### ANTECEDENT STUDIES



### ADAPT-SC (Route of Administration: SC or IV)



### OLE: ADAPT-SC+ (Route of Administration: SC)<sup>11</sup>



<sup>1</sup>Cycle baseline. <sup>2</sup>With >50% from nonocular items. <sup>3</sup>Coformulated with 2000 U/ml recombinant human hyaluronidase PH20. <sup>4</sup>Participants could not receive treatment in the 7-week follow-up period. <sup>5</sup>Participants who are not in need of retreatment at study entry will instead start with an interval period. <sup>6</sup>>28 days between the last dose of the previous treatment period and the first dose of the next treatment period, and based on the need for treatment as determined by the investigator.

## OBJECTIVE

- To evaluate safety and efficacy of efgartigimod PH20 SC in the ADAPT-SC+ study in participants with gMG who previously received IV or SC formulations in antecedent studies (data cut-off: 01 December 2022)

## DISCLOSURES AND ACKNOWLEDGEMENTS

ECV: Alexion, argenx, Janssen, UCB; JV: Alexion, argenx, NMD Pharma; HW: Abbvie, Actelion, Alexion, Amicus, argenx, Biogen, Bristol Myers Squibb, CSL, Deutsche Forschungsgesellschaft (DFG), Deutsche Myasthenie Gesellschaft e.V., EMD Serono, Fondazione Cariplo, Genzyme, German Ministry for Education and Research (BMBF), Gossamer Bio, Idorsia, Immunic, Immunovant, Janssen, Lundbeck, Merck, Neurodium AG, Novartis, PSI CRO, Roche, Sanofi, Swiss Multiple Sclerosis Society, TEVA, WebMD Global and Worldwide Clinical Trials; LL, FG, SS, BVH, and JP: employees of argenx; KU: Alexion, Amgen, argenx, Chugai, Janssen, Japan Blood Products Organisation, Mitsubishi Tanabe, UCB; JLDB: Alexion, Alnylam, argenx, CSL, Janssen, Sanofi Genzyme, UCB; RM: Alexion, argenx, Biogen, BioMarin, Catalyst, Merck, Roche, Teva, UCB.

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## ABBREVIATIONS

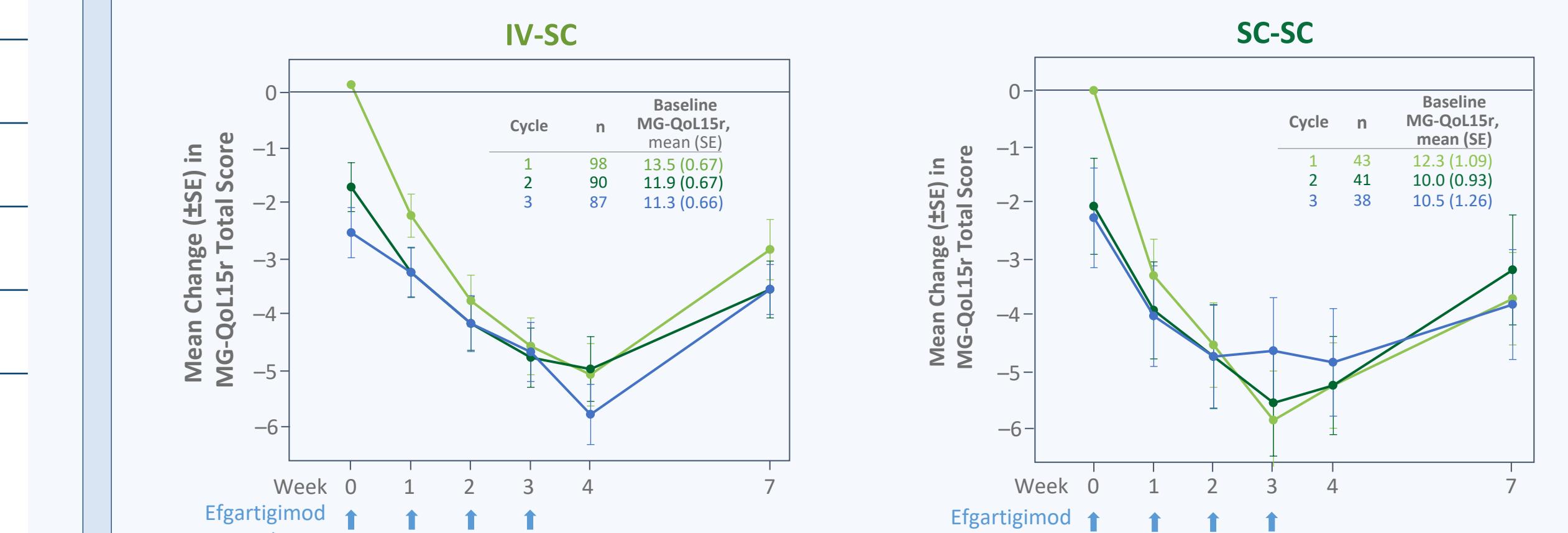
AChEI, acetylcholinesterase inhibitor; AChR-Ab, acetylcholine receptor antibody; AChR-Ab+, acetylcholine receptor antibody-positive; AE, adverse event; CM, clinically meaningful improvement; ER, event rate; EQ-5D-5L VAS, EuroQoL 5-Dimension 5-Level visual analogue scale; GI, gastrointestinal; gMG, generalized myasthenia gravis; Ig, immunoglobulin; IV, intravenous; MG, myasthenia gravis; MG-ADL, Myasthenia Gravis Activities of Daily Living; MG-QoL15r, Myasthenia Gravis Quality of Life 15-item, revised; NSIST, nonsteroidal immunosuppressive therapy; OLE, open-label extension; PH20, recombinant human hyaluronidase PH20; PYFU, participant-year(s) of follow-up; SAE, serious adverse event; SC, subcutaneous; QoL, quality of life; SD, standard deviation; SE, standard error.

## RESULTS

### Efgartigimod PH20 SC improved QoL in both IV-SC and SC-SC subgroups

- Mean MG-QoL15r total scores improved from study baseline in both subgroups, with mean (SE) change of  $-5.1(0.55)$  and  $-5.1(0.74)$  in the AChR-Ab+ IV-SC and SC-SC populations, respectively, at Week 4 in Cycle 1 (Figure 3). EQ-5D-5L VAS showed comparable improvements (data not shown)
- MG-QoL15r cycle baseline scores improved with subsequent treatment cycles in both subgroups, indicating improved QoL over time

FIGURE 3 Mean Change in MG-QoL15r Total Score From Study Baseline  
AChR-Ab+ Participants



### Efgartigimod was well tolerated with a favourable safety profile

- AEs were mild to moderate in severity, and consistent between subgroups (Table 2)

TABLE 2 Overview of AEs  
Safety Population

	IV-SC (n=127; PYFU=136.9)	SC-SC (n=52; PYFU=56.5)	Overall Population (N=179; PYFU=193.4)			
	ER*	Incidence, n (%)	ER*	Incidence, n (%)	ER*	Incidence, n (%)
Any AE	7.82	105 (82.7)	11.69	47 (90.4)	8.95	152 (84.9)
Any SAE	0.20	18 (14.2)	0.39	15 (28.8)	0.26	33 (18.4)
Any serious infection	0.03	4 (3.1)	-	0	0.02	4 (2.2)
Any grade $\geq 3$ AE	0.32	22 (17.3)	0.55	14 (26.9)	0.39	36 (20.1)
Any injection site reaction	3.28	57 (44.9)	3.17	25 (48.1)	3.25	82 (45.8)
Fatal event <sup>†</sup>	0.04	4 (3.1)	-	0	0.03	4 (2.2)
Discontinued study treatment due to AEs	0.04	4 (3.1)	-	0	0.03	4 (2.2) <sup>‡</sup>
Most commonly observed AEs, <sup>§</sup>						
Injection site erythema	1.80	39 (30.7)	1.54	13 (25.0)	1.73	52 (29.1)
Headache	0.36	22 (17.3)	1.29	14 (26.9)	0.63	36 (20.1)
COVID-19 <sup>¶</sup>	0.26	30 (23.6)	0.19	10 (19.2)	0.24	40 (22.3)
Diarrhoea	0.15	15 (11.8)	0.25	9 (17.3)	0.18	24 (13.4)
Nasopharyngitis	0.19	20 (15.7)	0.19	8 (15.4)	0.19	28 (15.6)
Injection site pain	0.21	15 (11.8)	0.21	6 (11.5)	0.21	21 (11.7)
Injection site pruritis	0.24	13 (10.2)	0.23	6 (11.5)	0.24	19 (10.6)
Injection site bruising	0.23	13 (10.2)	0.28	5 (9.6)	0.24	18 (10.1)

\*ER was calculated as number of events per total PYFU. <sup>†</sup>Fatal events (metastatic renal cancer, cardiac arrest, pulmonary mass, and COVID-19/respiratory failure) were not related to efgartigimod PH20 SC treatment, as determined by investigators. <sup>‡</sup>Treatment discontinuations during ADAPT-SC+ (n=4) were due to participant fatality. <sup>§</sup>Most commonly observed AEs occurring in >10% of the overall population of participants receiving efgartigimod PH20 SC. <sup>¶</sup>Includes all preferred terms of COVID-19, COVID-19 pneumonia, coronavirus infection, exposure to SARS-CoV-2, and SARS-CoV-2 test positive.

## KEY TAKEAWAYS



**Efgartigimod PH20 SC improved MG-ADL total scores, demonstrating consistent and robust efficacy in participants with gMG independent of prior route of efgartigmod administration in antecedent studies**

**Participant QoL improved with subsequent treatment cycles with efgartigimod PH20 SC**

**AEs were mild to moderate in severity and consistent between subgroups**

**Efgartigimod PH20 SC demonstrated comparable efficacy and safety in gMG participants, regardless of prior administration route**

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