

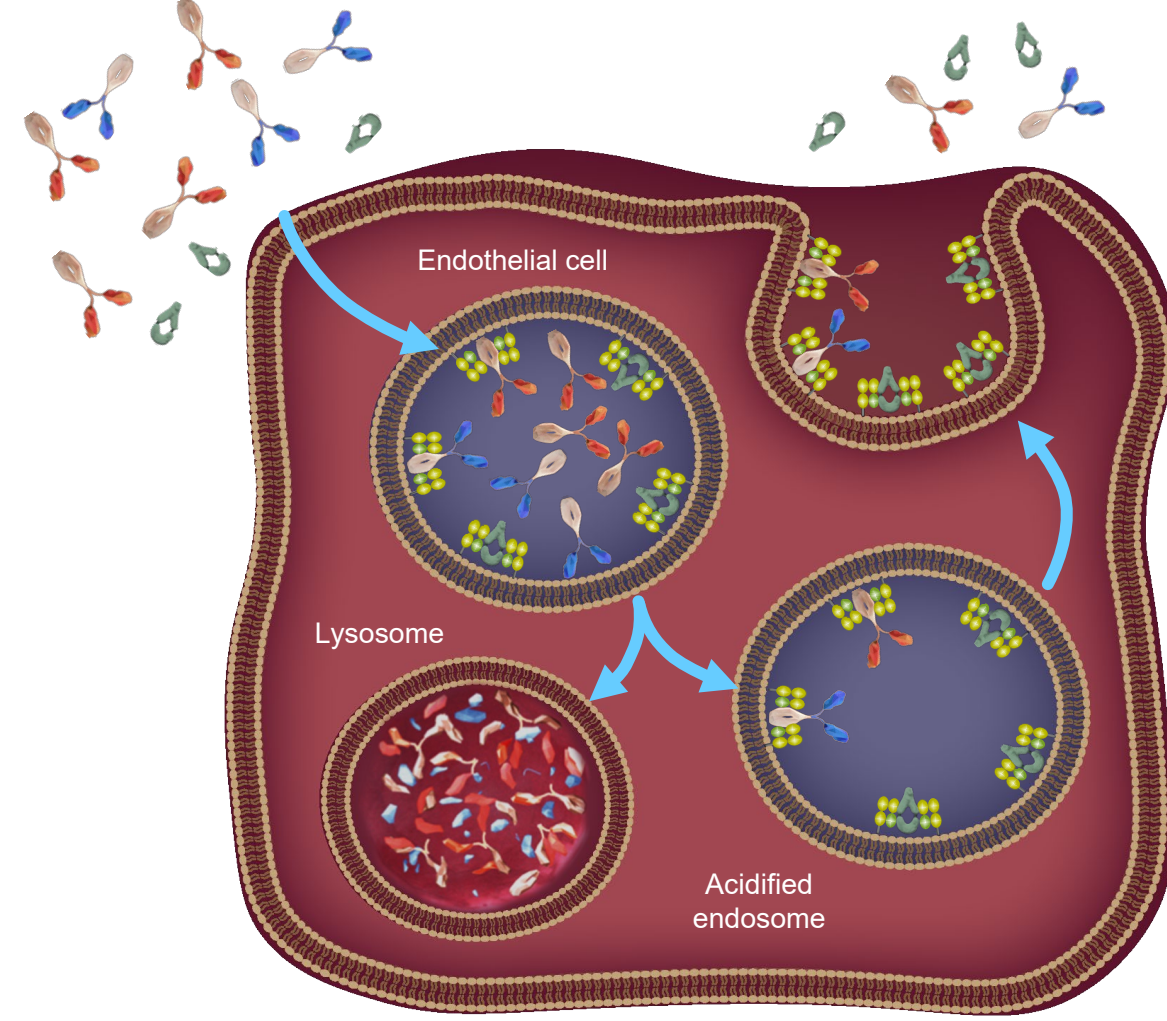
# Combined Analyses of Participants With Anti-Acetylcholine Receptor Seronegative Generalized Myasthenia Gravis Treated With Efgartigimod Across Clinical Studies



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## INTRODUCTION

### Efgartigimod Mechanism of Action: Blocking FcRn



- 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 FcRn-mediated IgG recycling without impacting antibody production, albumin levels, or other parts of the immune system<sup>1-3</sup>
- Efgartigimod PH20 SC is a coformulation of efgartigimod and recombinant human hyaluronidase PH20 (rHuPH20), which allows for rapid SC administration of larger volumes<sup>4,5</sup>
- PK/PD modeling and phase 3 data (ADAPT-SC) have demonstrated that 4 once-weekly administrations of 1000 mg efgartigimod PH20 SC and 10 mg/kg efgartigimod IV result in comparable decreases in IgG levels<sup>5</sup>

### Clinical Challenges in the Management of AChR-Ab- gMG

- AChR-Ab- gMG affects a heterogenous and potentially difficult-to-diagnose and treat patient population with high unmet clinical need who have historically been excluded from clinical trials<sup>2,6-8</sup>
- The phase 3 ADAPT SERON clinical trial (NCT06298552) is currently underway to evaluate the safety and efficacy of efgartigimod IV in patients with AChR-Ab- gMG

## METHODS

### Efgartigimod IV

- Placebo-controlled, randomized, phase 3 trial
- Efgartigimod 10 mg/kg IV
- Study duration: 26 weeks
- Efgartigimod: n=84  
Placebo: n=83

### Efgartigimod PH20 SC

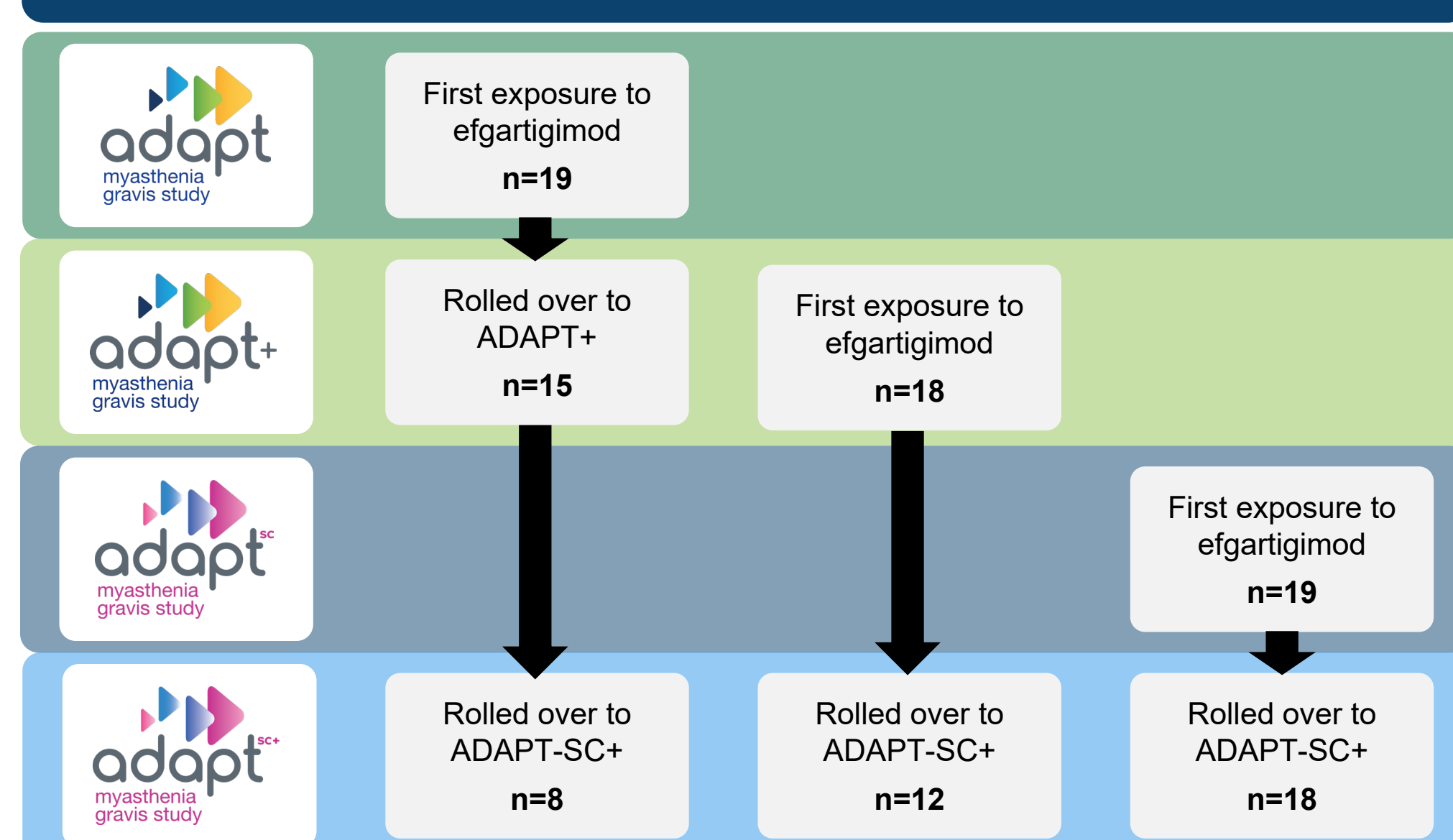
- Phase 3, randomized, noninferiority, PD trial
- Efgartigimod 10 mg/kg IV  
Efgartigimod PH20 SC 1000 mg
- Study duration: 10 weeks
- Efgartigimod IV: n=55  
Efgartigimod PH20 SC: n=55

## SUMMARY

- Patients with AChR-Ab- gMG have a high unmet clinical need and have historically been excluded from clinical trials
- Both IV and SC efgartigimod were well tolerated in participants with AChR-Ab- gMG in ADAPT/ADAPT+ and ADAPT-SC/ADAPT-SC+, with no new safety signals observed
- Improvements in MG-ADL were seen consistently at Week 3 in participants with AChR-Ab- gMG across multiple cycles
- IV and SC efgartigimod led to clinically meaningful improvements in MG-ADL for participants with AChR-Ab- gMG, with some achieving MSE across cycles
- The ADAPT SERON study evaluating the safety and efficacy of efgartigimod IV in patients with AChR-Ab- gMG is actively recruiting

## RESULTS

Figure 1. Pooled AChR-Ab- Participant Population Disposition



- Across all participants (N=262) in the pooled population (AChR-Ab+ (n=206), AChR-Ab- (n=56)), the total follow-up was 500.4 PY of exposure
- In AChR-Ab+ participants, the total follow-up was 385.5 PY
- In AChR-Ab- participants, the total follow-up was 114.9 PY

Table 1. Baseline Demographics and Disease Characteristics Overall and AChR-Ab- Pooled Populations

	Overall Population (N=262)	Pooled AChR-Ab- Population (n=56)
Age, y, mean, (SD)	49.6 (15.4)	48.1 (13.2)
Sex, female, n (%)	175 (66.8)	45 (80.4)
Time since gMG diagnosis, mean, y (SD)	8.6 (8.0)	8.7 (8.1)
MG-ADL score, mean (SD)	9.1 (2.7)	10.1 (3.1)
QMG score, mean (SD)	15.8 (4.7)	17.1 (4.7)
MGFA Disease Class at screening, n (%)		
Class II	108 (41.2)	21 (37.5)
Class III	144 (55.0)	32 (57.1)
Class IV	10 (3.8)	3 (5.4)

Table 2. Summary of TEAEs Overall Study Populations

TEAEs	ADAPT (n=84) [34.9 PY]		ADAPT+ (n=145) [229.0 PY]		ADAPT-SC (n=55) [10.5 PY]		ADAPT-SC+ (n=179) [193.4 PY]	
	ER <sup>a</sup>	n (%)	ER <sup>a</sup>	n (%)	ER <sup>a</sup>	n (%)	ER <sup>a</sup>	n (%)
TEAEs	7.22	65 (77.4)	3.53	124 (85.5)	7.62	28 (50.9)	12.43	37 (67.3)
Serious TEAEs	0.11	4 (4.8)	0.24	36 (24.8)	0.48	4 (7.3)	0.93	8 (14.5)
Discontinued due to TEAE	0.20	3 (3.6)	0.06	12 (8.3)	0	0	0.19	2 (3.6)

<sup>a</sup>ER was calculated as number of events per total PY of follow-up.

Figure 2. Mean Change From Cycle Baseline in MG-ADL at Week 3 by Cycle Pooled AChR-Ab- Population

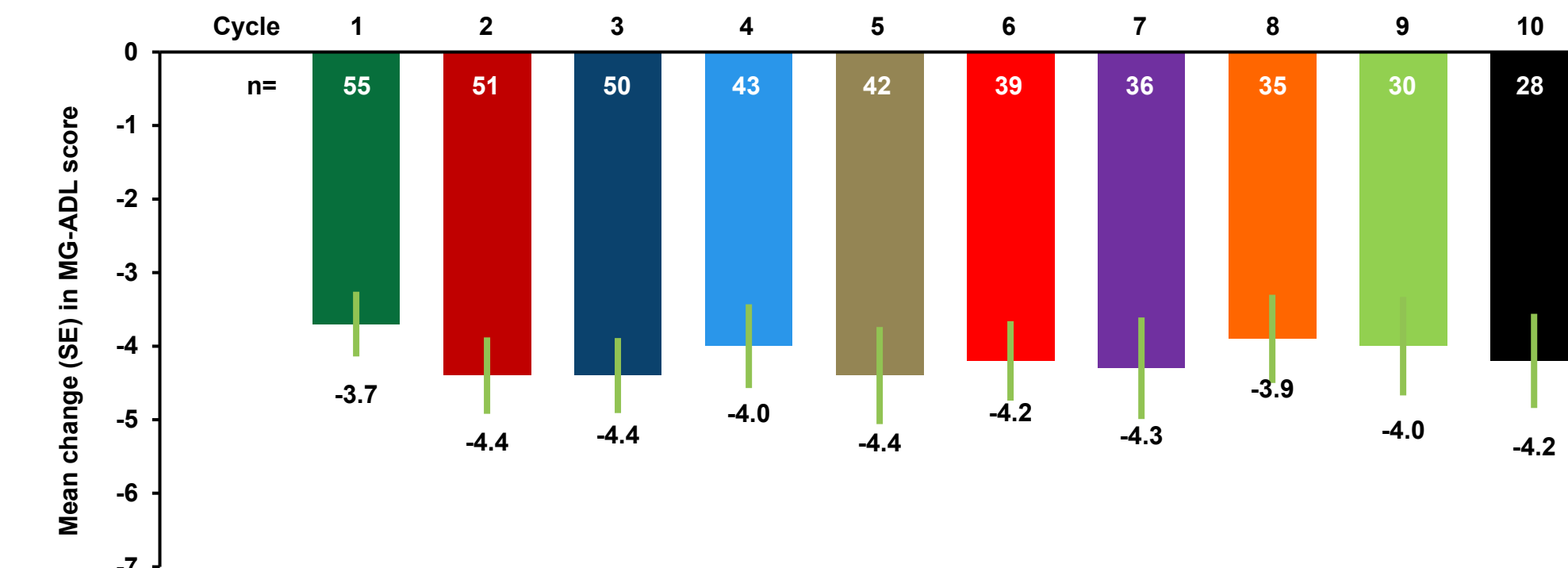


Figure 4. Minimal Symptom Expression (MG-ADL total score of 0 or 1 at any time during a cycle) by Cycle AChR-Ab- Population

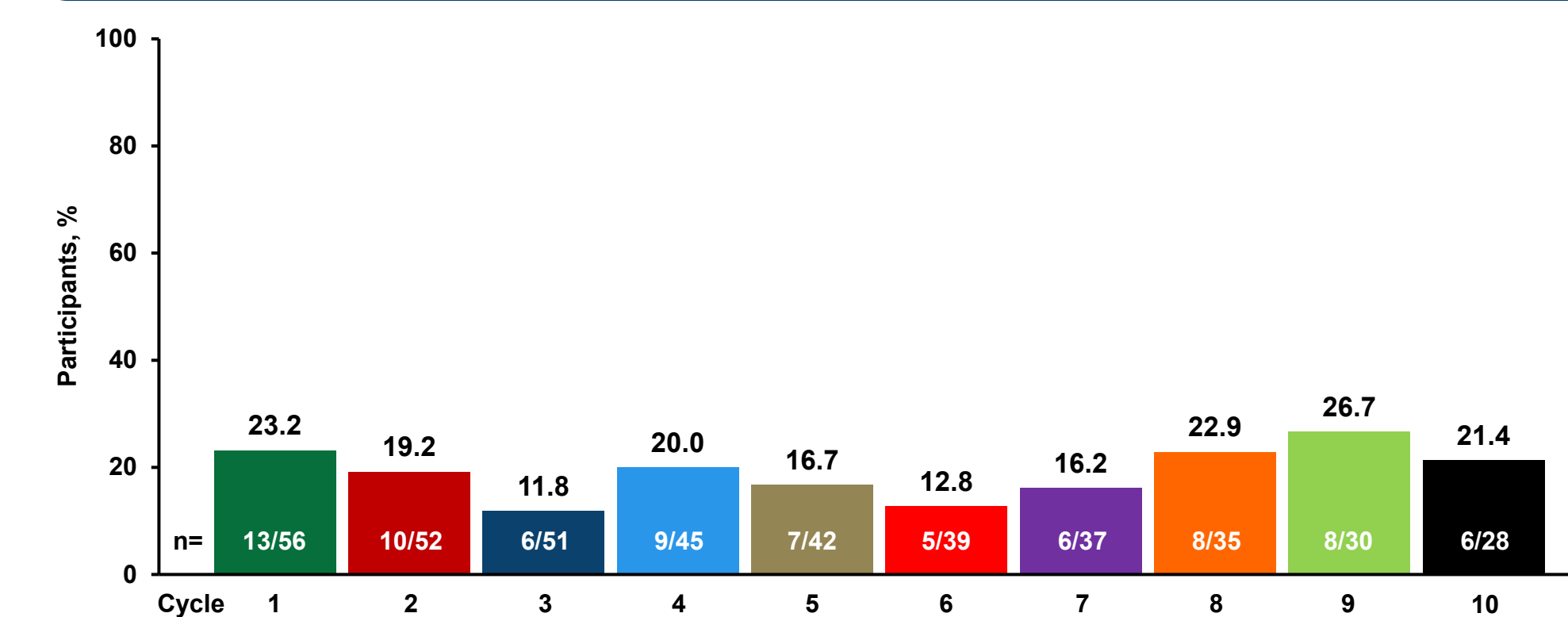
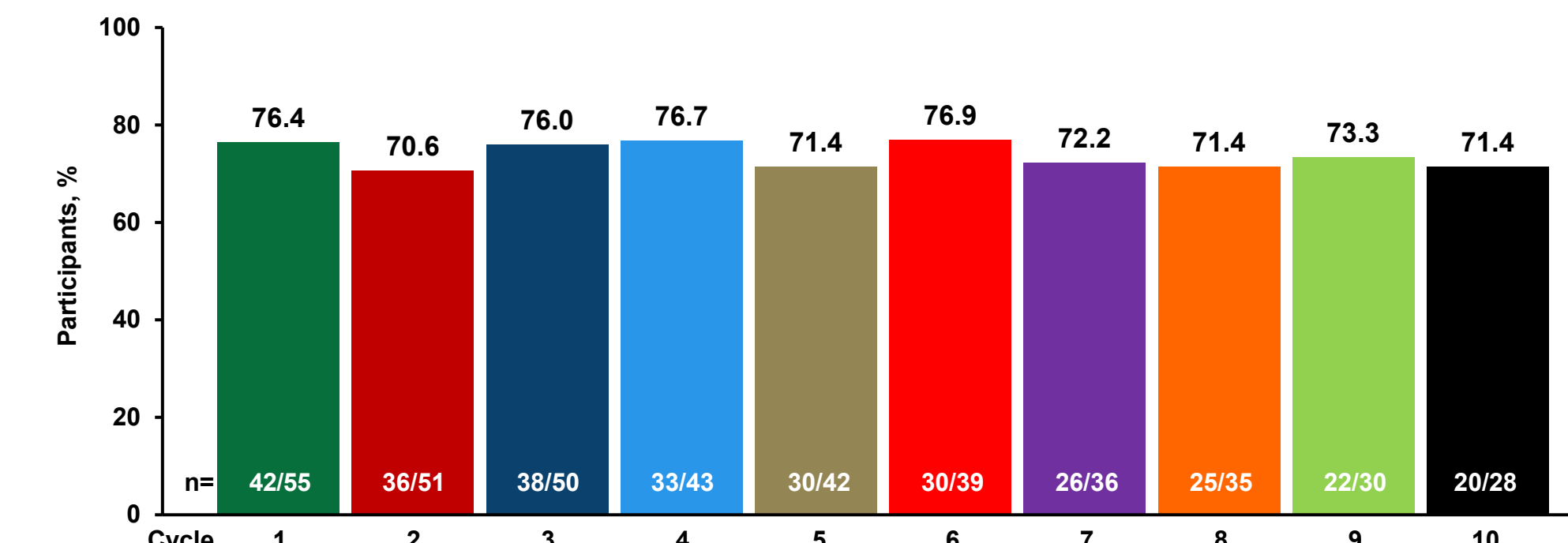


Figure 3. Clinically Meaningful Improvement (Decrease of ≥2 in MG-ADL total score) at Week 3 by Cycle Pooled AChR-Ab- Population



Scan here to learn more about the ADAPT SERON study examining efgartigimod in participants with AChR-Ab- gMG



ABBREVIATIONS  
 AChR-Ab-, acetylcholine receptor antibody seronegative; AChR-Ab+, acetylcholine receptor antibody seropositive; ER, event rate per participant years of follow-up; Fc, fragment crystallizable region; FcRn, neonatal Fc receptor; gMG, generalized myasthenia gravis; Ig, immunoglobulin; IV, intravenous; MG-ADL, Myasthenia Gravis Activities of Daily Living; MGFA, Myasthenia Gravis Foundation of America; MSE, minimal symptom expression; OLE, open-label extension; PD, pharmacodynamic; PK, pharmacokinetic; PY, participant years; QMG, Quantitative Myasthenia Gravis; rHuPH20, recombinant human hyaluronidase PH20; SC, subcutaneous; TEAE, treatment-emergent adverse event.  
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