

Long-Term Safety, Tolerability, and Efficacy of Subcutaneous Efgartigimod PH20 in Patients With Generalized Myasthenia Gravis: Interim Results of the ADAPT-SC+ Study

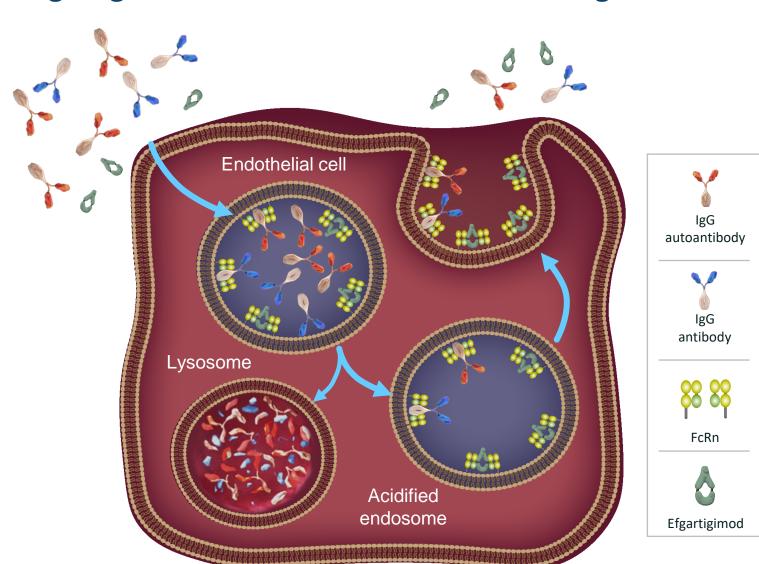


James F. Howard Jr, George Li, Tuan Vu, Denis Korobko, Marek Smilowski, Li Liu, Sophie Steeland, Heinz Wiendl, Heinz Wiendl, Ian L. De Bleecker, Renato Mantegazza, in collaboration with the ADAPT-SC Study Group

¹Department of Neurology, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA; ²Medsol Clinical Research Center Inc, Port Charlotte, Florida, USA; ³Department of Neurology, University of South Florida, USA; ⁴State Budgetary Healthcare Institution of Novosibirsk Region "State Novosibirsk Regional Clinical Hospital," Novosibirsk, Russia; 5Department of Hematology, Hanamaki General Hospital, Hanamaki, Japan; ¹⁰NRSO Department, Federico II University of Naples, Naples, Italy; ¹¹Department of Neurology, University of Münster, Germany; ¹²Ghent University of Neurology, University of Naples, Italy; ¹¹Department of Neurology, University of Neurology, University of Naples, Italy; ¹²Ghent University of Naples, Italy; ¹³Department of Neurology, University of Naples, Italy; ¹⁴Department of Neurology, University of Naples, Italy; ¹⁵Department of Neurology, University of Naples, Italy; ¹⁶Department of Neurology, University of Naples, Italy; ¹⁸Department of Neurology, University of Naples, Italy; ¹⁹Department of Naple

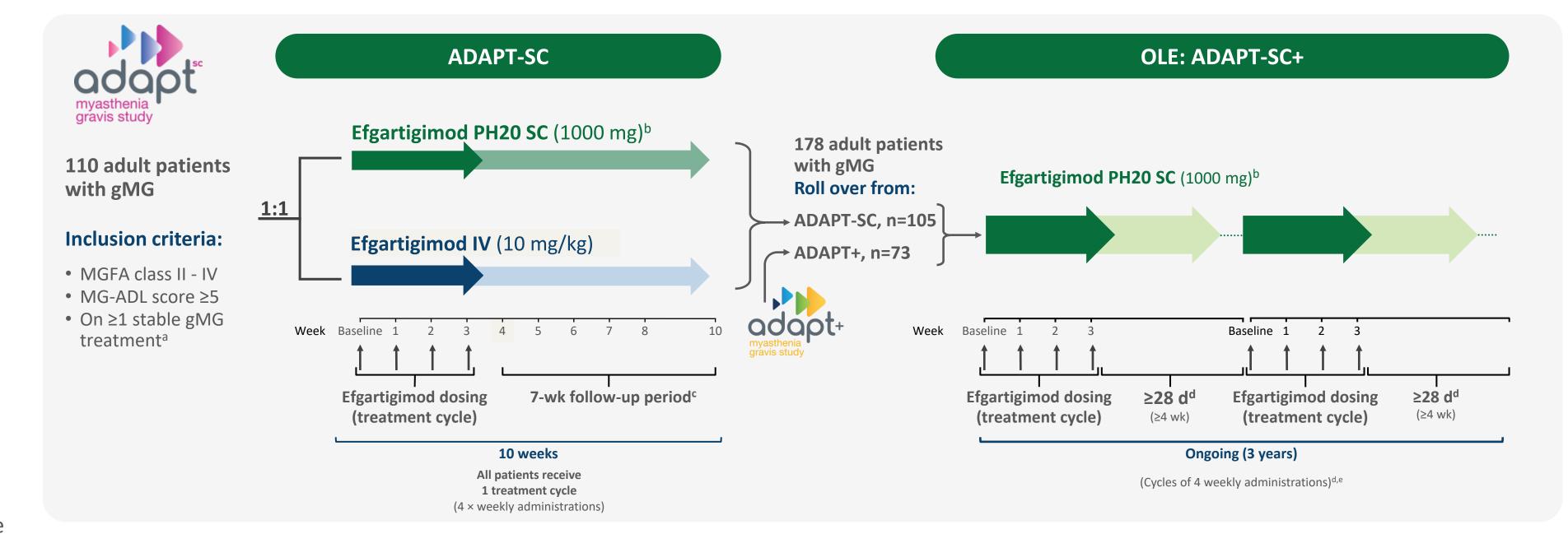
INTRODUCTION

Efgartigimod Mechanism of Action: Blocking FcRn



- Efgartigimod is a human IgG1 Fc fragment engineered for increased affinity to FcRn, which prevents recycling of IgG without impacting its production¹⁻⁵
- Targeted reduction of all IgG subclasses
- No impact on IgM, IgA, IgE, and IgD No reduction in albumin levels
- No increase in cholesterol
- Efgartigimod PH20 SC is a coformulation of efgartigimod and recombinant human hyaluronidase PH20 (rHuPH20), which allows for rapid SC administration of larger volumes⁶
- PK/PD modeling and phase 3 data (ADAPT-SC) suggest four weekly administrations of 1000 mg efgartigimod PH20 SC and 10 mg/kg efgartigimod IV result in comparable decreases in IgG levels

METHODS



and based on the need for treatment as determined by the investigator. Patients who are not in need of retreatment at study entry will instead start with an intertreatment period.

MG-ADL mean (SE)

SUMMARY



Efgartigimod PH20 SC was well tolerated with no new safety signals observed compared to ADAPT-SC. All ISRs were mild or moderate and decreased with subsequent cycles, and no ISRs led to treatment discontinuation



Efgartigimod PH20 SC treatment resulted in consistent and repeatable reductions in total IgG and anti-AChR-Ab levels. Improvements in MG-ADL and MG-QOL15r total scores occurred as early as the first administration and were achieved over multiple cycles in AChR-Ab+ and overall populations, including AChR-Ab- participants



The ADAPT-SC+ study is currently ongoing

SC, subcutaneous; SE, standard error.

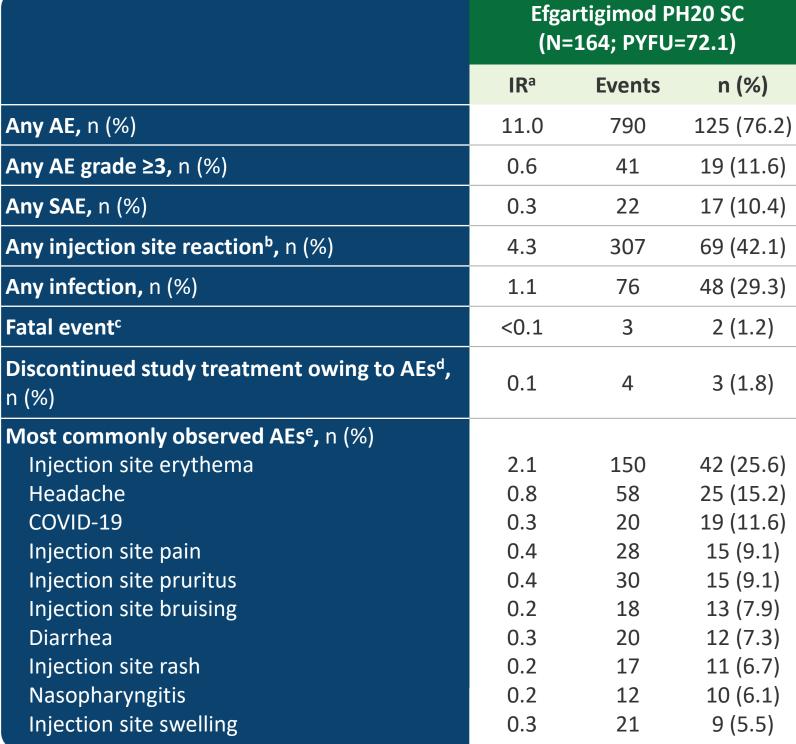
REFERENCES

Table 1. Patient Demographics and Baseline Characteristics Safety Population

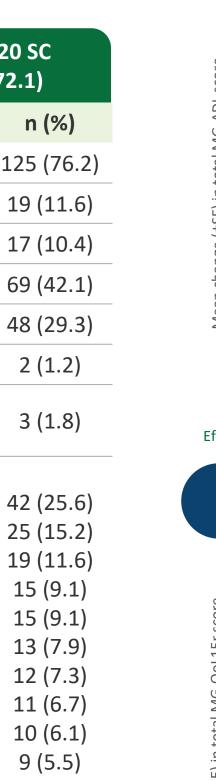
	Efgartigimod PH20 SC (n=164)
Age, mean y (SD)	50.7 (15.4)
Female, n (%)	106 (64.6)
Weight, kg, median (Q1 – Q3)	77 (63.5-90.0)
AChR-Ab positive, n (%)	134 (81.7)
Total MG-ADL score, mean (SD)	7.9 (3.5)
Total MG-QoL15r score, mean (SD)	13.7 (6.6)
MG therapy during the first year, n (%) Any steroid Any NSIST Any AChEI Steroid + NSIST AChEI only	112 (68.3) 84 (51.2) 140 (85.4) 62 (37.8) 30 (18.3)

- 178 participants rolled over from ADAPT-SC (n=105) and ADAPT+(n=73)
- 134 AChR-Ab+ and 30 AChR-Ab- patients received ≥1 dose of efgartigimod PH20 SC in ADAPT-SC+ through March 2022, with a median (range) follow-up of 182 (24-311) days

Table 2. Summary of AEs Safety Population



^aIR was calculated as number of events per total PYFU. ^bISR events decreased over subsequent cycles; cycle 1 (n=56, 34.1%), cycle 2 (n=24, 16.9%), cycle 3 (n=14, 13.3%), and cycle 4 (n=8, 11.8%). Fatal events (metastatic renal cell cancer and COVID-19) were not related to efgartigimod PH20 SC treatment, as determined by investigators. dTreatment discontinuation due to metastatic renal cell cancer (cycle 1, death), COVID-19 (cycle 3 death), and MG crisis (cycle 1). eMost frequent AEs occurring in >5% of patients receiving efgartigimod PH20 SC



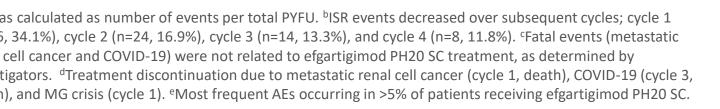
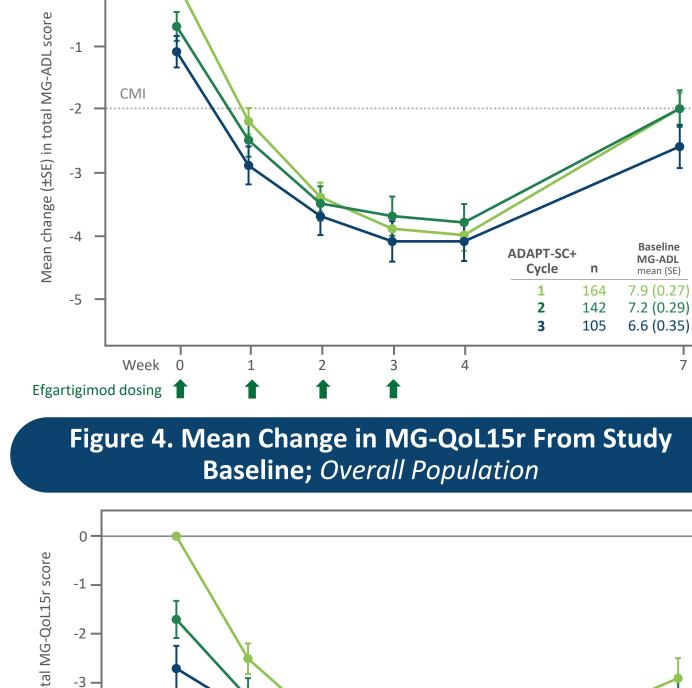


Figure 1. Mean Change in MG-ADL From Study Baseline Overall Population



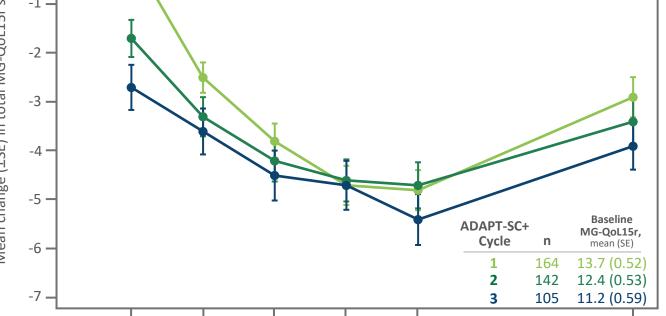


Figure 2. Mean Change in MG-ADL From Study Baseline AChR-Ab+ Population

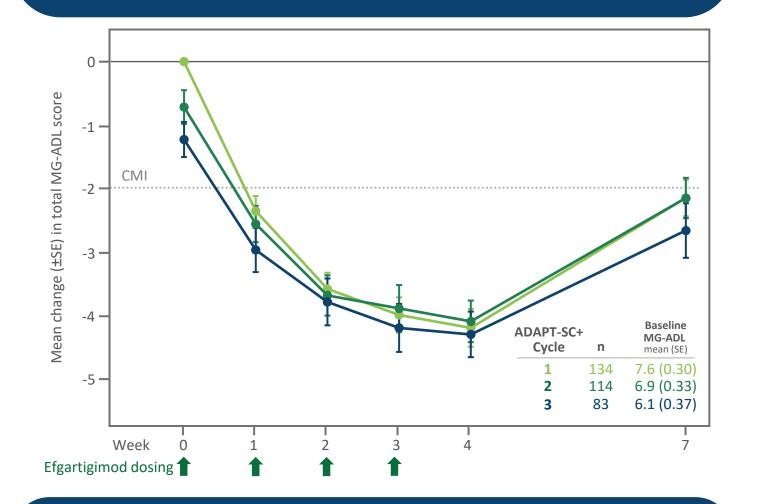
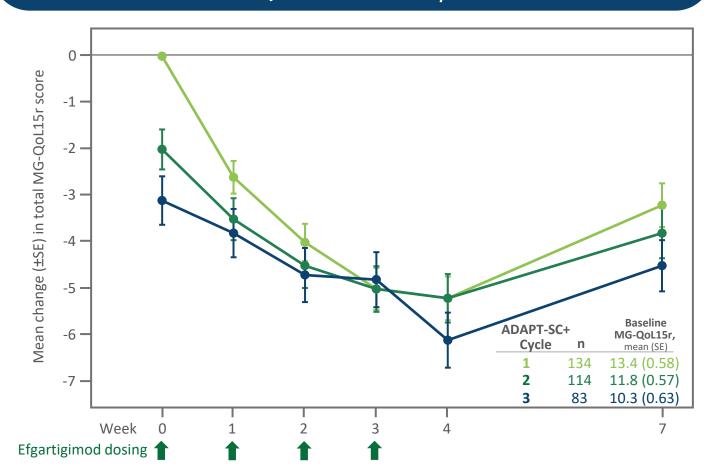


Figure 5. Mean Change in MG-QoL15r From Study Baseline; AChR-Ab+ Population



JFH: Alexion, argenx, Cartesian Therapeutics, the CDC, Myasthenia Gravis Foundation of America, Muscular Dystrophy Association, NIH, Patient-Centered Outcomes Research Institute, UCB, Takeda, Immunovant, NMD Pharma, Novartis Pharmaceuticals, Regeneron, Sanofi, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, and Toleranzia; GL: No disclosures to report; TV: Alexion, argenx, NIH, UCB, Horizon, Argenx, NIH,

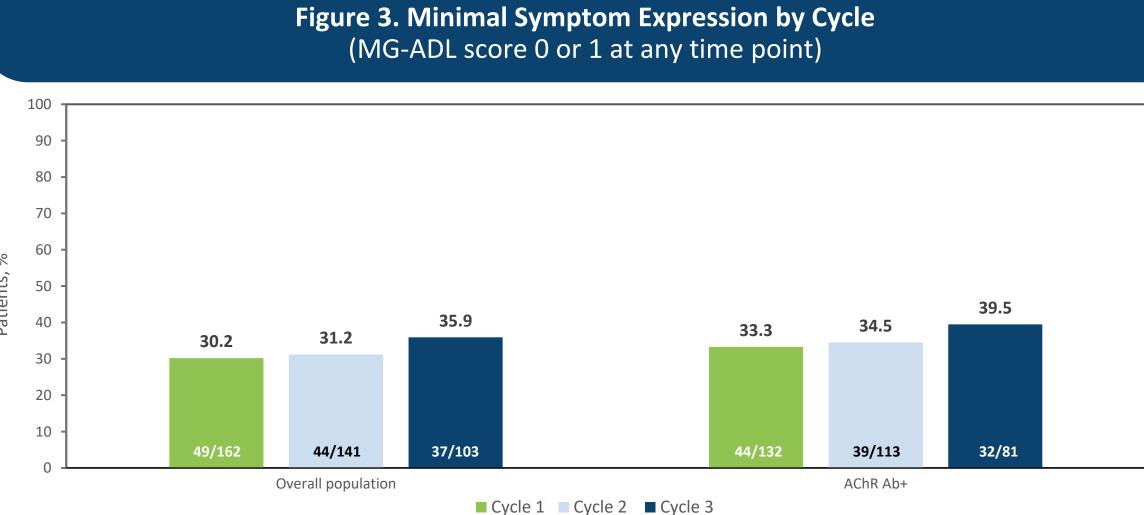


Figure 6. Mean Percent Change in Total IgG at Week 4 From Study Baseline Overall Population

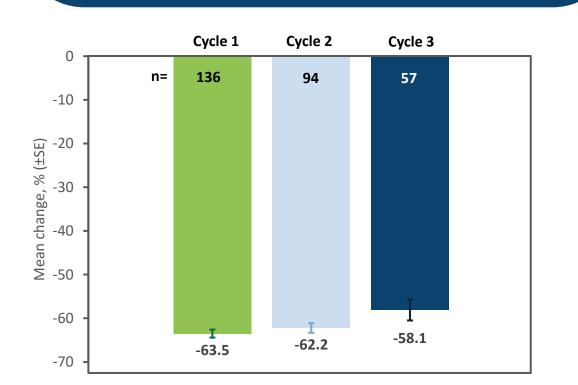
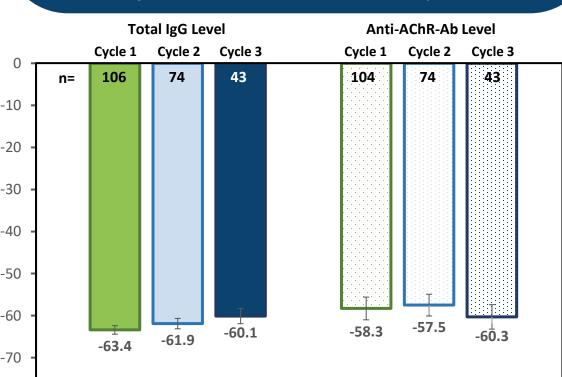


Figure 7. Mean Percent Change in Total IgG and Anti-AChR-Ab Levels at Week 4 From **Study Baseline**; *AChR-Ab+ Population*



Regeneron, Sanofi, Cartesian Therapeutics, and Grifols, SA; DK: Roche, Novartis Russia, Sanofi, Merck, Janssen, Novartis Russia, Sanofi, Merck, Jansen, Merck, Janssen, Merck, KU: argenx, UCB, Janssen, Horizon, Chugai Pharma, Mitsubishi Tanabe Pharma, Alexion, Biogen, Mylan, Novartis, Roche, Sanofi, and Takeda, and Prilenia. HW: Abbvie, Alexion, argenx, Bristol Myers Squibb/Celgene, Janssen, Merck, Novartis, Roche, Sanofi, and Takeda, and Prilenia. HW: Abbvie, Alexion, Biogen, Mylan, Novartis, Roche, Sanofi, Teva, Almirall, argenx, Forward Pharma, Lexeo, Pomona, Sanofi, and Takeda, and Prilenia. Biogen, F. Hoffmann-La Roche Ltd., Genzyme, Neurodiem, Roche Pharma AG, TEVA, WebMD Global, Actelion, EMD Serono, Fondazione Cariplo, Gossamer Bio, Idorsia, Immunic, Immunovant, Janssen, Lundbeck, NexGen, PSI CRO, Sanofi, Swiss Multiple Sclerosis Society, Worldwide Clinical Trials, German Ministry for Education and Research (BMBF), Deutsche Forschungsgesellschaft (DFG), Deutsche Myasthenie Gesellschaft e.V., Amicus Therapeutics Inc., CSL Behring, and Merck KgaA; JLDB: argenx, Alexion, CSL, UCB, Alnylam, and Sanofi Genzyme; RM: Alexion, argenx, BioMarin, Catalyst Pharmaceuticals, UCB, Teva, Merck, Roche, and Biogen. The ADAPT-SC and ADAPT-SC+ trials were funded by argenx. Medical writing and editorial support for this presentation was provided by PRECISION Value & Health and funded by argenx.



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AChEI, acetylcholinesterase inhibitor; AChR-Ab+, acetylcholine receptor antibody seropositive; AE, adverse event; CMI, clinically meaningful improvement; COVID-19, coronavirus disease 2019; Fc, fragment crystallizable region; FcRn, neonatal Fc receptor; gMG, generalized myasthenia gravis; Ig, immunoglobulin; IR, incidence rate (or event rate) per patient years of follow-up; ISR, injection site reaction; 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; NSIST, nonsteroidal immunosuppressive therapy; OLE, open-label extension; PD,