

Supplementary Table 1: (A) Definition of QMG score, (B) Osserman classification, (C) MG-ADL score and (D) MG-MMT scores.

A) QMG score [Barohn Rj, 1998]					Interpretation
Indicators tested	None	Mild	Moderate	Severe	
Level	0	1	2	3	Maximum score: 39 Decrease in QMG score represents improvement in symptoms
Onset of diplopia gazing right or left (s)	61	11–60	1–10	Occurs spontaneously	
Onset of ptosis gazing upwards (s)	61	11–60	1–10	Occurs spontaneously	
Eyelids	Normal closure	Complete closure, some resistance to forced opening	Complete closure, no resistance to forced opening	Incomplete closure	
Swallowing 4 oz water	Normal	Slight cough or throat-clearing	Severe coughing/choking or nasal regurgitation	Unable to swallow	
Onset of dysarthria counting from 1 to 50	None when counting to 50	Dysarthria at 30–49	Dysarthria at 10–29	Dysarthria at 9	
Right arm outstretched (90 degrees sitting)	240 s	90–239 s	10–89 s	0–9 s	
Left arm outstretched (90 degrees sitting)	240 s	90–239 s	10–89 s	0–9 s	
Lung capacity (% predicted)	≥80	65–79	50–64	<50	
Grip strength R (kg) Male Female	≥45 ≥30	15–44 10–29	5–14 5–9	0–4 0–4	
Grip strength L (kg) Male	≥35	15–34	5–14	0–4	

Female	≥25	10–24	5–9	0–4		
Head lifted (45 degrees supine)	120 s	30–119 s	1–29 s	0 s		
Right leg outstretched (45 degrees supine)	100 s	31–99 s	1–30 s	0 s		
Left leg outstretched (45 degrees supine)	100 s	31–99 s	1–30 s	0 s		
B) Osserman classification [Osserman, 1958]						
Classification	1	2	3	4	5	A decrease in classification denotes improvement in disease
Description	Ocular involvement alone	Mild muscular weakness	Moderate muscular disease	Incapacitating weakness of any muscle system	Life-threatening respiratory insufficiency	
C) MG-ADL profile [Muppidi <i>et al.</i> , 2011]						
Grade	0	1	2	3		Maximum score=24 A decrease in MG-ADL score denotes an improvement in symptoms
Talking	Normal	Intermittent slurring or nasal speech	Constant slurring or nasal, but can be understood	Difficult to understand speech		
Chewing	Normal	Fatigue with solid food	Fatigue with soft food	Gastric tube		
Swallowing	Normal	Rare episode of choking	Frequent choking necessitating changes in diet	Gastric tube		
Breathing	Normal	Shortness of breath with exertion	Shortness of breath at rest	Ventilator dependence		
Impairment of ability to brush teeth or comb hair	None	Extra effort, but no rest periods needed	Rest periods needed	Cannot perform one of these functions		

Impairment of ability to arise from chair	None	Mild, sometimes uses arms	Moderate, always uses arms	Severe, requires assistance		
Double vision	None	Occurs, but not daily	Daily, but not constant	Constant		
Eyelid drop	None	Occurs, but not daily	Daily, but not constant	Constant		
D) MG-MMT scores [Sanders <i>et al.</i> , 2003]						
Score	0	1	2	3	4	Sum scores for 30 muscle groups. Decrease in MMT score represents improvement in symptoms
Description	Normal	25% weak/mild impairment	50% weak/moderate impairment	75% weak/severe impairment	Paralysed/unable to do	

FAS, full analysis set; L, left; LOCF, last observation carried forward; MG-ADL, myasthenia gravis-related activities of daily living; MMT, manual muscle test; R, right; QMG, quantitative myasthenia gravis.