CONTENT PROVIDED FOR SHAREHOLDERS, INVESTORS AND OTHER CAPITAL MARKET PARTICIPANTS ONLY Rozanolixizumab in generalized myasthenia gravis: Vera Bril¹, Artur Drużdż², Julian Grosskreutz³, Ali A. Habib⁴, Renato Mantegazza⁵, Responder analyses from the randomized Phase 3 Sabrina Sacconi⁶, Kimiaki Utsugisawa⁷, John Vissing⁸, Tuan Vu⁹, Marion Boehnlein¹⁰,

MycarinG study

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Summary

What we did



• MycarinG was a randomized, double-blind, placebocontrolled Phase 3 study of two doses of subcutaneous rozanolixizumab (7 mg/kg and 10 mg/kg) for the treatment ofgMG

What we found



- Both doses of rozanolixizumab achieved highly statistically significant and clinically meaningful improvement in MG-ADL score at Day 43, compared with placebo
- MG-ADL, MGC and QMG responder rates were higher for both doses of rozanolixizumab than for placebo
- Both doses of rozanolixizumab also showed greater improvement in MSE rates than placebo

Why it matters



- These data further substantiate the therapeutic benefit of targeting FcRn in the treatment of gMG
- These results suggest that rozanolixizumab has potential as a new treatment option for patients with gMG

Introduction

- gMG is a rare, chronic, unpredictable autoimmune disease caused by pathogenic IgG autoantibodies that disrupt neuromuscular junction components such as AChR and MuSK¹
- As many as one in three patients do not respond to conventional treatments, highlighting an unmet need for efficacious, well-tolerated treatment options²
- Rozanolixizumab is a fully humanized IgG4 mAb that targets the IgGbinding region of FcRn, which accelerates the lysosomal degradation of IgG, including pathogenic autoantibodies³

Methods

- randomized, placebo-controlled study (**Figure 1**)
- MycarinG (MG0003/NCT03971422) was a Phase 3, double-blind, Inclusion criteria:
- AChR or MuSK autoantibody positive - MGFA Class II-IVa disease, MG-ADL score of \geq 3 and a QMG score of ≥11
- Considered for additional therapy such as IVIg or PLEX • Patients were randomized 1:1:1 to receive weekly placebo, rozanolixizumab 7 mg/kg, or rozanolixizumab 10 mg/kg for a 6-week treatment period, followed by an 8-week observation period
- Patients who required rescue therapy were treated as missing at and after that point; patients who discontinued treatment or the study due to TEAEs, COVID-19, or other infections, were included in the analysis
- The primary endpoint was CFB to Day 43 in MG-ADL score Other endpoints included the proportion of responders, defined as having \geq 2.0-point improvement in MG-ADL (which included a statistically tested MG-ADL composite analysis) or \geq 3.0-point improvement in QMG or MGC, which were descriptive
- Additional other endpoints included MSE (MG-ADL score of 0 or 1), Day 43 CFB in MGII scores and sub-scores, Day 43 CFB in MG-QoL 15r (a healthrelated quality-of-life assessment) and safety

Results

Patients

- Overall, 200 patients were randomized to placebo (n=67), rozanolixizumab 7 mg/kg (n=66), and rozanolixizumab 10 mg/kg (n=67), with 43 completing the study in each rozanolixizumab arm and 42 in the placebo group groups (**Table 1**)
- Baseline characteristics were generally balanced between treatment

Efficacy

- The primary endpoint of CFB in MG-ADL at Day 43 was highly statistically significant and clinically meaningfully improved for both rozanolixizumab doses compared with placebo (p<0.001 for both doses) (**Figure 2**) MG-ADL in both arms of rozanolixizumab (both p<0.001) when compared
- There was a statistically significant increase in the responder rates for with placebo MGC and QMG responder rates were also higher for rozanolixizumab than placebo (**Figure 3**)
- MSE was achieved by a greater proportion of patients in both
- rozanolixizumab arms than in the placebo arm (**Figure 4**)
- The mean CFB for MG-QoL 15r and MGII scores and sub-scores at Day 43 was greater for both rozanolixizumab dose groups than placebo (Figure 5)

Safety

- (67.2%) (**Table 2**)
- Most TEAEs were of mild or moderate intensity, and rates of TEAEs leading to treatment discontinuation were generally low (Table 2)
- The most common TEAEs for rozanolixizumab 7 mg/kg, rozanolixizumab 10 mg/kg and placebo were headache (45.3%, 37.7%, 19.4%), diarrhea (25.0%, 15.9% and 13.4%), pyrexia (12.5%, 20.3% and 1.5%) and nausea (7.8%, 11.6% and 7.5%)
- Headaches were mostly mild to moderate; generally, severe headache was well managed with non-opioid analgesics
- Infections were reported in 15.6% of patients in the rozanolixizumab 7 mg/kg group, 30.4% in the rozanolixizumab 10 mg/kg group and 19.4% in the placebo group; there were no severe or serious infections in active treatment arms
- Overall, infusions were well tolerated No serious hypersensitivity reactions were reported

Rozanolixizumab is not approved for treatment of myasthenia gravis by any health authority.

- Patients with gMG aged \geq 18 years

• A higher proportion of patients experienced TEAEs in the rozanolixizumab 7 mg/kg (81.3%) and 10 mg/kg (82.6%) arms than in the placebo arm

Baseline patient characteristics and disposition

		Placebo (n=67)	RLZ 7 mg/kg (n=66)	RLZ 10 mg/kg (n=67)
Age, years, mean (SD)	50.4 (17.7)	53.2 (14.7)	51.9 (16.5)
Sex, female, n (%)		47 (70.1)	39 (59.1)	35 (52.2)
Body weight, n (%)	<50 kg	4 (6.0)	7 (10.6)	1 (1.5)
	50 to <70 kg	16 (23.9)	19 (28.8)	26 (38.8)
	70 to <100 kg	35 (52.2)	26 (39.4)	22 (32.8)
	≥100 kg	12 (17.9)	14 (21.2)	18 (26.9)
Geographic region, n (%)	North America	21 (31.3)	21 (31.8)	18 (26.9)
	Europe	41 (61.2)	36 (54.5)	43 (64.2)
	Asia (incl. Japan)	5 (7.5)	9 (13.6)	6 (9.0)
Race, n (%)	Asian	5 (7.5)	9 (13.6)	7 (10.4)
	Black	1 (1.5)	0	4 (6.0)
	Native Hawaiian/ other Pacific Islander	1 (1.5)	0	0
	White	46 (68.7)	41 (62.1)	49 (73.1)
	Missing*	14 (20.9)	16 (24.2)	7 (10.4)
Disease duration, years, mean (SD)	Age at initial MG diagnosis	41.4 (19.1)	46.6 (16.0)	42.6 (19.1)
	Duration of disease	9.4 (9.3)	6.9 (6.8)	9.6 (9.9)
MGFA disease	Class II	23 (34.3)	29 (43.9)	26 (38.8)
class at baseline, n (%)	Class III	41 (61.2)	34 (51.5)	39 (58.2)
	Class IVa/b [†]	3 (4.5)	3 (4.5)	2 (3.0)
Baseline	Corticosteroids for systemic use	38 (56.7)	43 (65.2)	48 (71.6)
medications,	Immunosuppressants	33 (49.3)	32 (48.5)	38 (56.7)
	Parasympathomimetics (AChEls)	60 (89.6)	55 (83.3)	57 (85.1)

*Data on race were not permitted to be collected in certain countries. [†]Only 1 patient, who was randomized to the placebo group, had Class IVb disease.

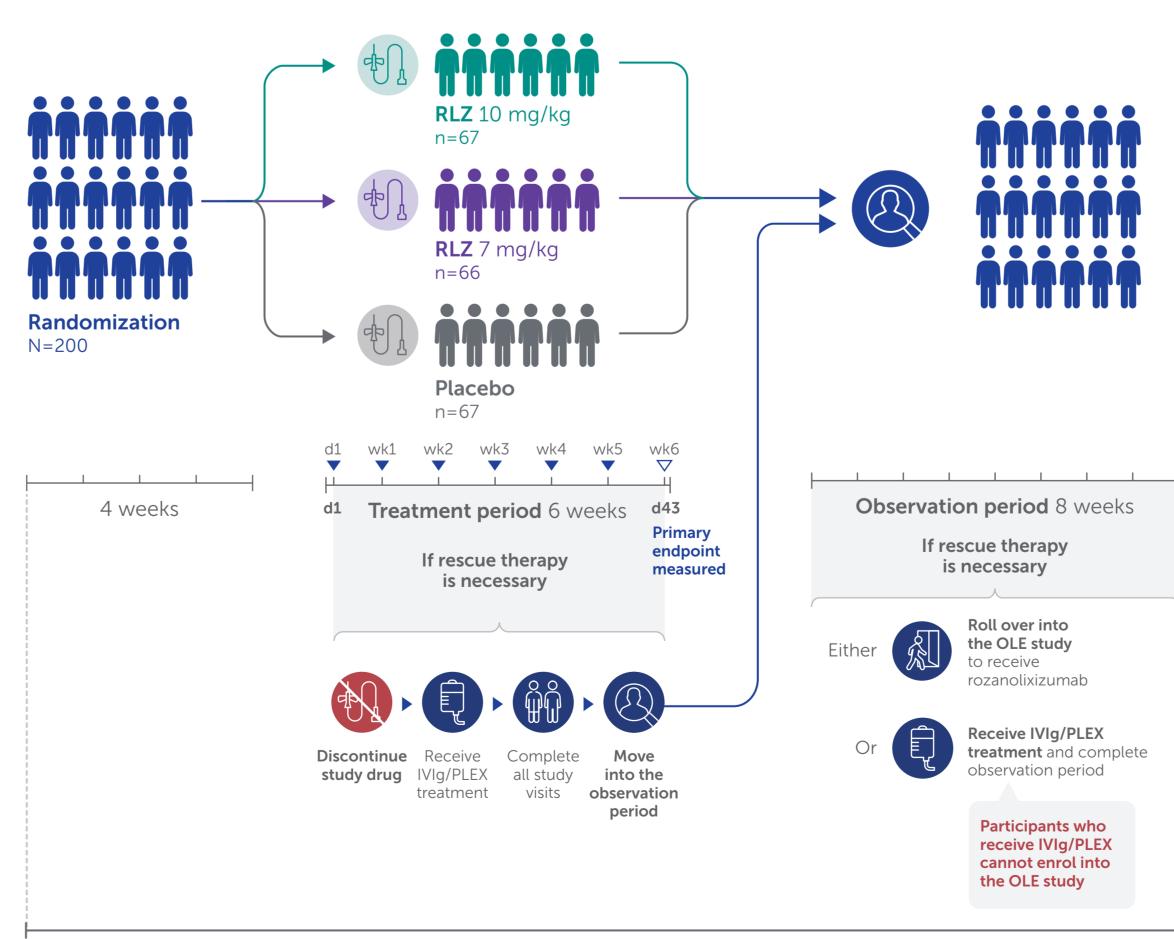
Overview of TEAEs Table 2

Preferred term	Placebo (n=67) n (%)	RLZ 7 mg/kg (n=64) n (%)*	RLZ 10 mg/kg (n=69) n (%)*
Any TEAE	45 (67.2)	52 (81.3)	57 (82.6)
Serious TEAEs	6 (9.0)	5 (7.8)	7 (10.1)
Patient withdrawal from study due to TEAEs	2 (3.0)	2 (3.1)	5 (7.2)
Patient withdrawal of IMP due to TEAEs	2 (3.0)	2 (3.1)	4 (5.8)
Treatment-related TEAEs [†]	22 (32.8)	32 (50.0)	39 (56.5)
Severe TEAEs	3 (4.5)	3 (4.7)	13 (18.8)
All deaths (AEs leading to death)	0	0	0
*Two patients in the 7 mg/kg group who incorr	ectly received 10	ma/ka were analy	zed in the

wo patients in the 7 mg/kg group who incorrectly received 10 mg/kg were analyzed in the 10 mg/kg group for safety analyses.

[†]Treatment-related TEAEs, as assessed by investigators. Assessed in the safety set.

Figure 1 MycarinG study design



Total duration per study participant: Up to 18 weeks

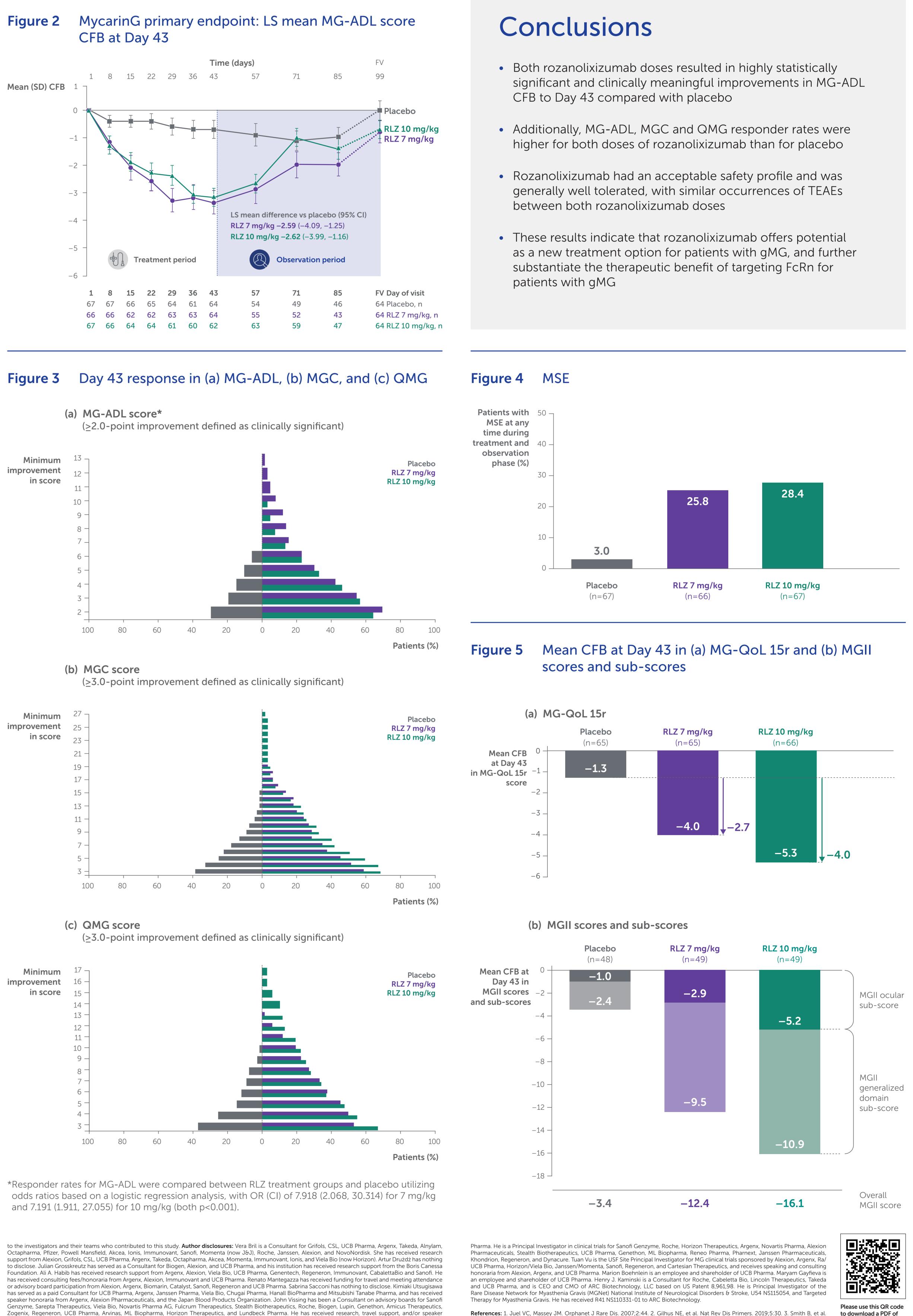
Rozanolixizumab is an investigational new product and has not been approved by any authority. Abbreviations: AChEI, acetylcholinesterase inhibitor; AChR, acetylcholine receptor; AE, adverse event; CFB, change from baseline; CI, confidence interval; d, day; FcRn, neonatal Fc receptor; FV, final visit; gMG, generalized myasthenia gravis; IgG, immunoglobulin G; IMP, investigational medicinal product; IVIg, intravenous immunoglobulin, LS, least squares; mAb, monoclonal antibody; MG, myasthenia gravis; MG-ADL, Myasthenia Gravis Activities of Daily Living; MGC, Myasthenia Gravis Composite; MGFA Myasthenia Gravis Foundation of America: MGII, Myasthenia Gravis Impairment Index: MG-QoL 15r, Myasthenia Gravis Quality of Life 15-item revised scale; MSE, Minimal Symptom Expression; MuSK, muscle-specific kinase; OLE, open-label extension; OR, odds ratio; PLEX, plasma exchange; QMG, Quantitative Myasthenia Gravis; RLZ, rozanolixizumab; SD, standard deviation; TEAE, treatment-emergent adverse event; wk, week. Acknowledgments: These data were previously presented as an oral presentation at the 17th International Congress on Neuromuscular Diseases, 07 July 2022. The study was funded by UCB Pharma. The authors acknowledge David Onoja and Niall Harrison of Ogilvy Health, London, UK, for editorial assistance, which was funded

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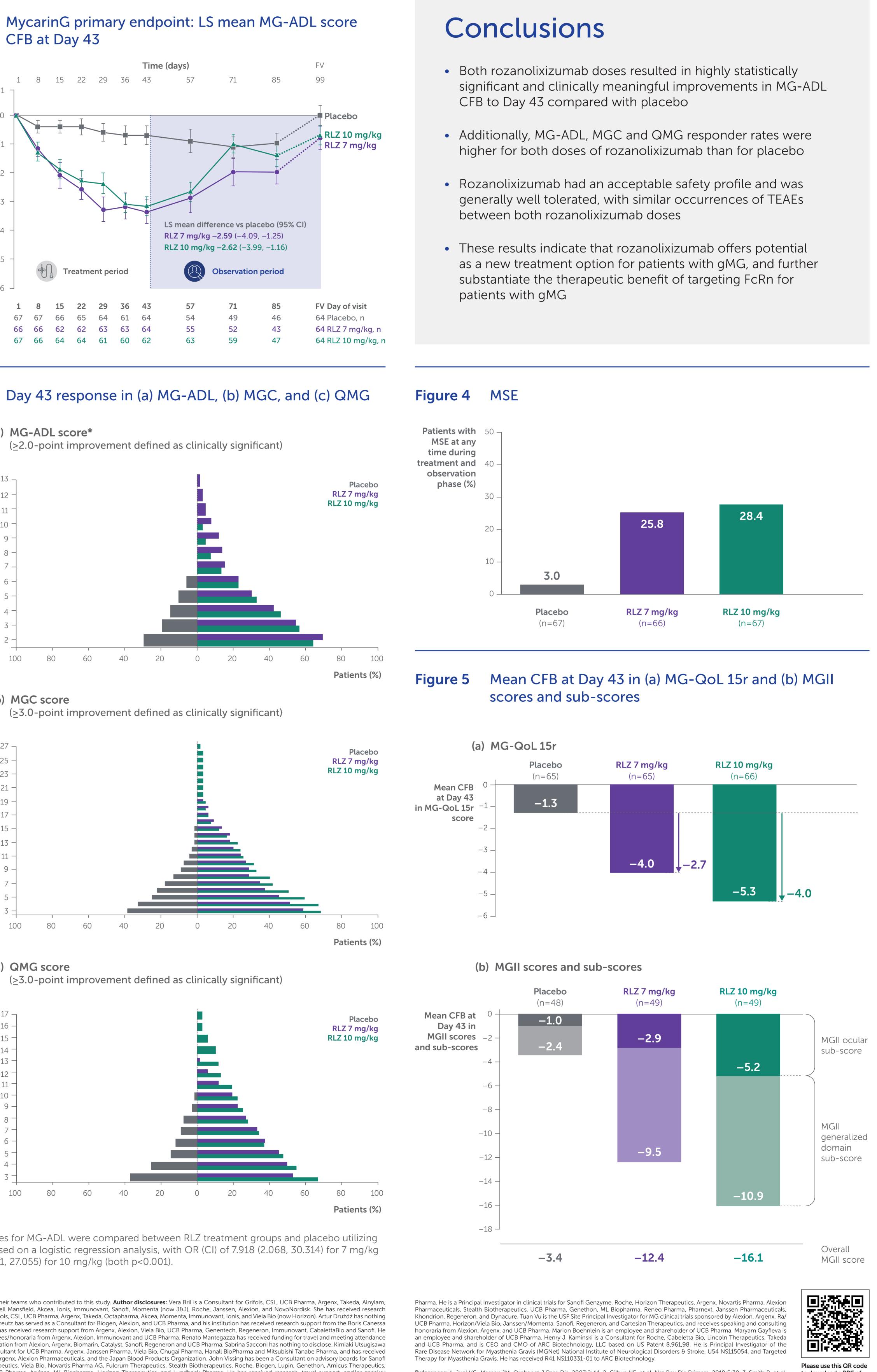


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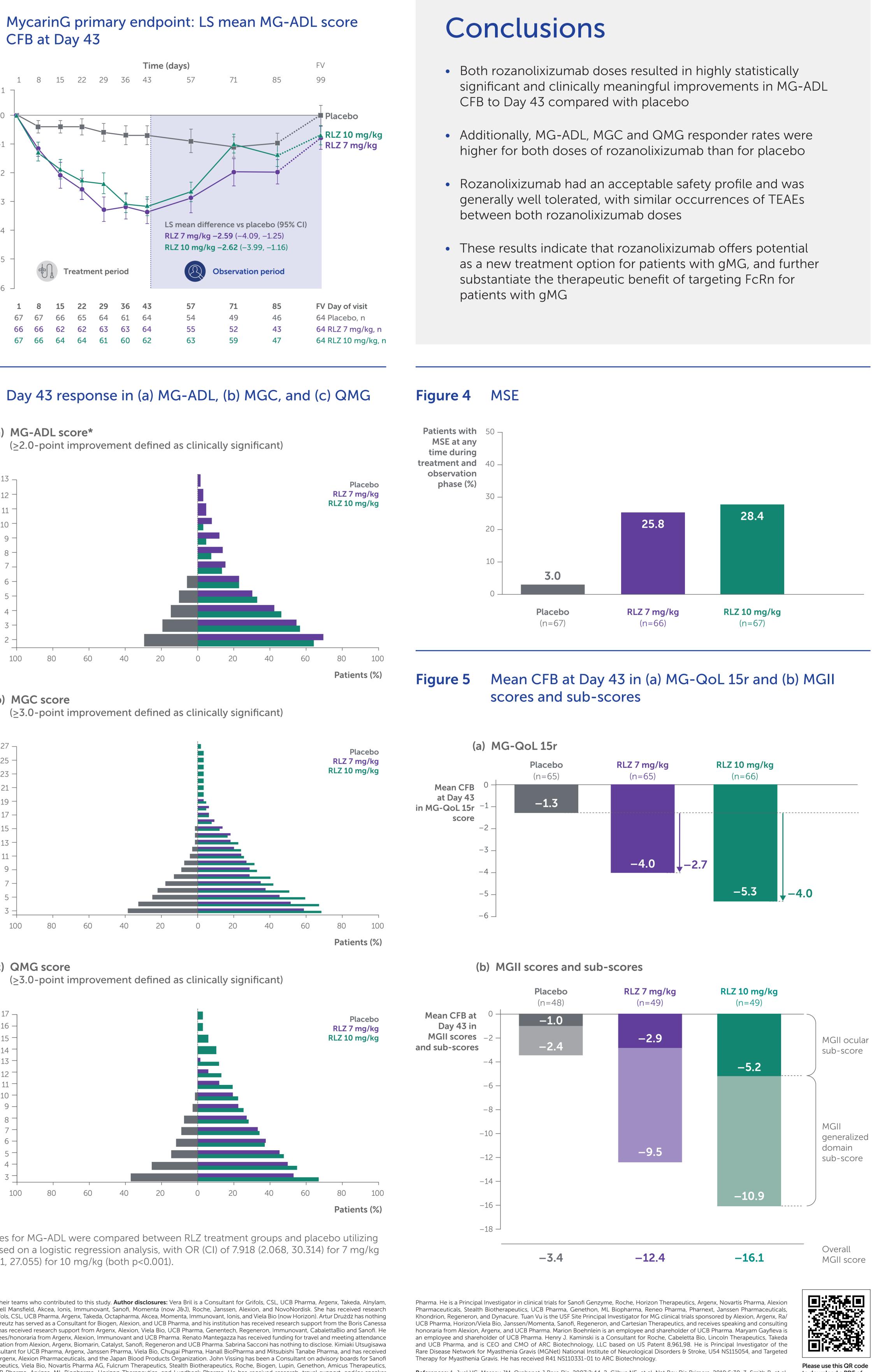
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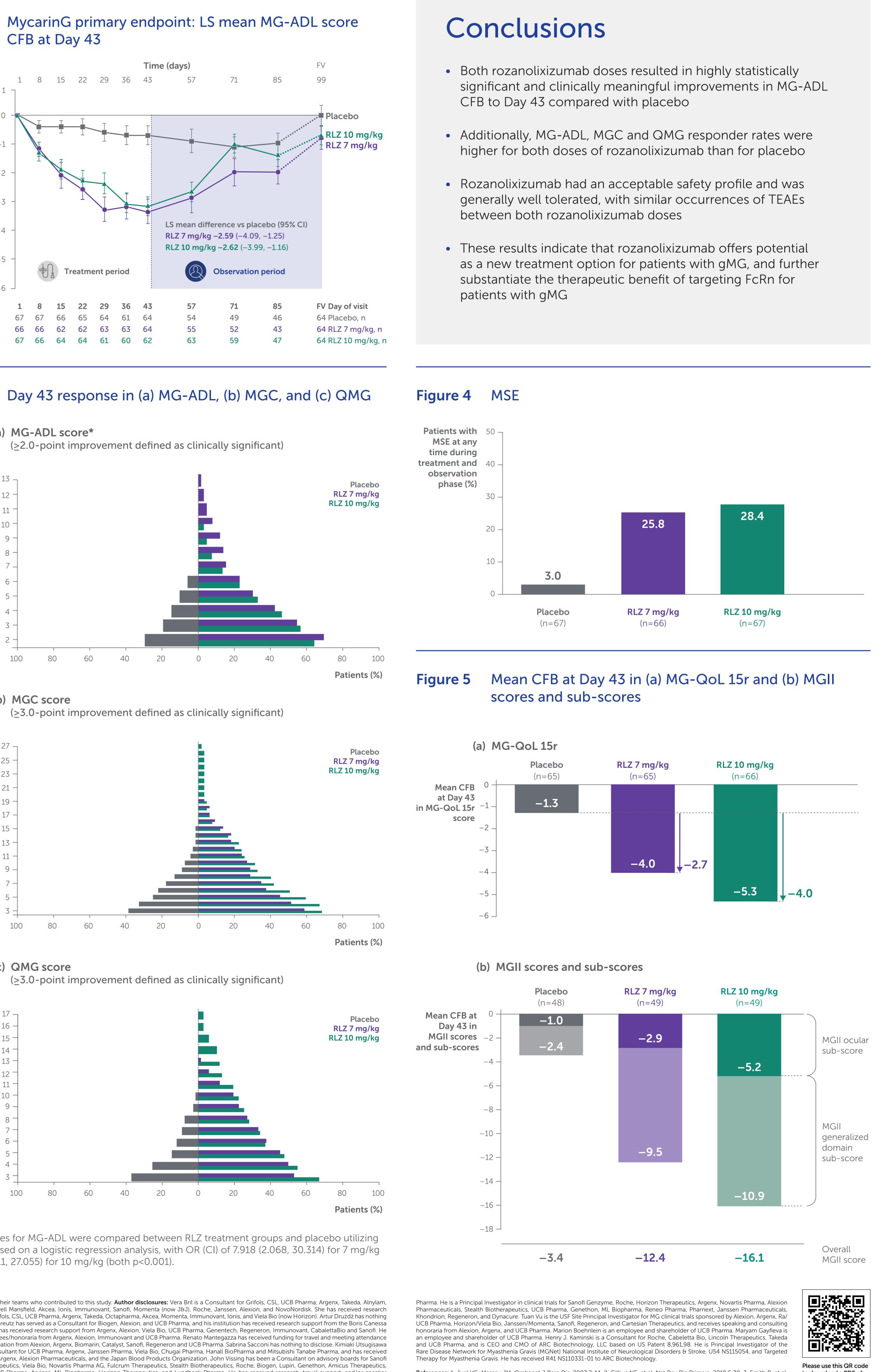




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Minimum improvement



and 7.191 (1.911, 27.055) for 10 mg/kg (both p<0.001).

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the poster.