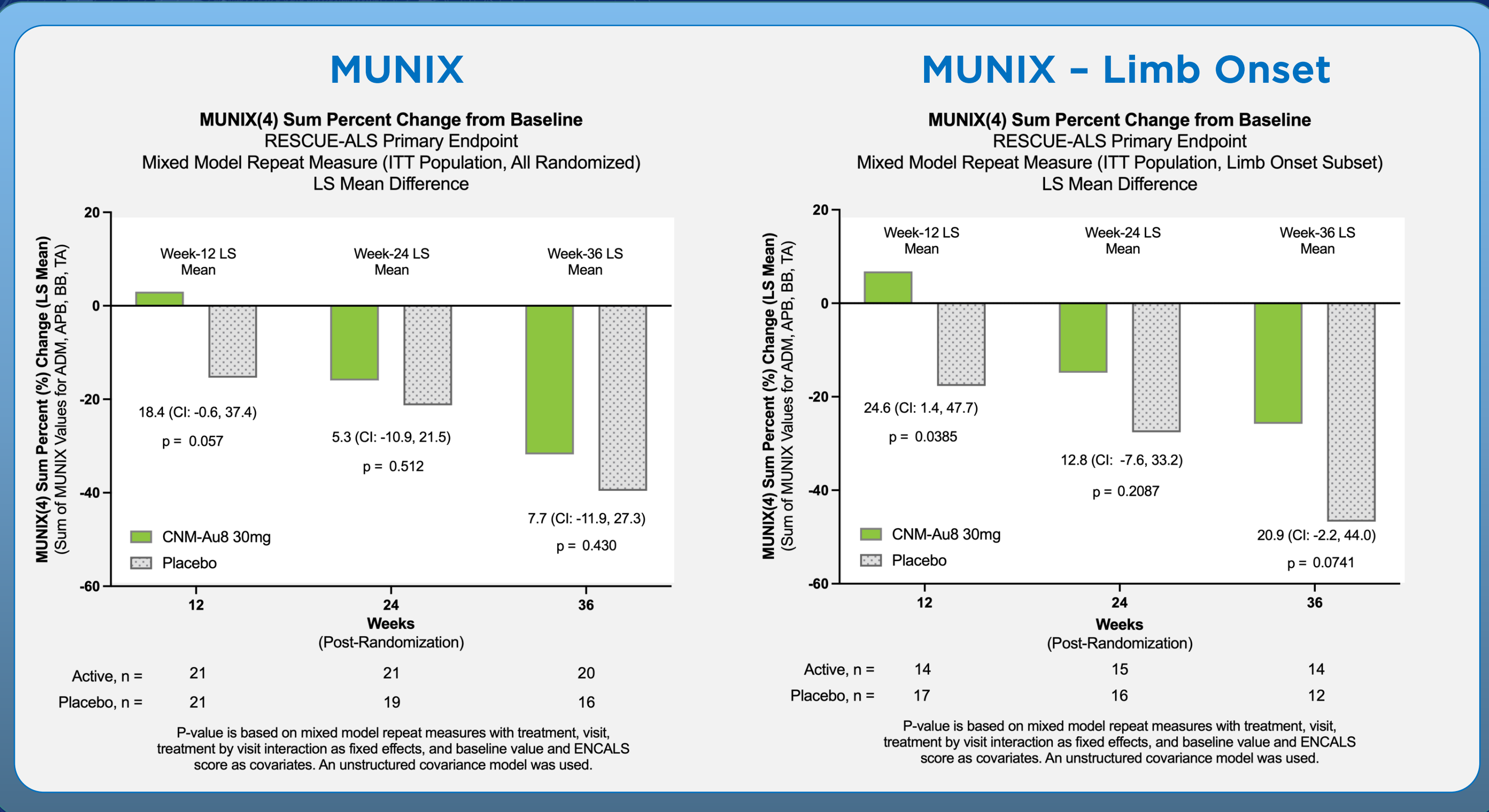


Steve Vucic PhD, DSc, FRACP, FAHMS<sup>1</sup>, Parvathi Menon PhD, FRACP<sup>1</sup>, William Huynh PhD, FRACP<sup>2</sup>, Colin Mahoney, PhD, MB, MRCPI<sup>2</sup>, Karen S. Ho, PhD MSc<sup>3</sup>, Austin Rynders, RN<sup>3</sup>, Jacob Evan<sup>3</sup>, Jeremy Evan, PA-C<sup>3</sup>, Robert Glanzman, MD FAAN<sup>3</sup>, Michael T. Hotchkin<sup>3</sup>, Matthew C. Kiernan PhD, DSc, MBBS, FRACP, FAHMS

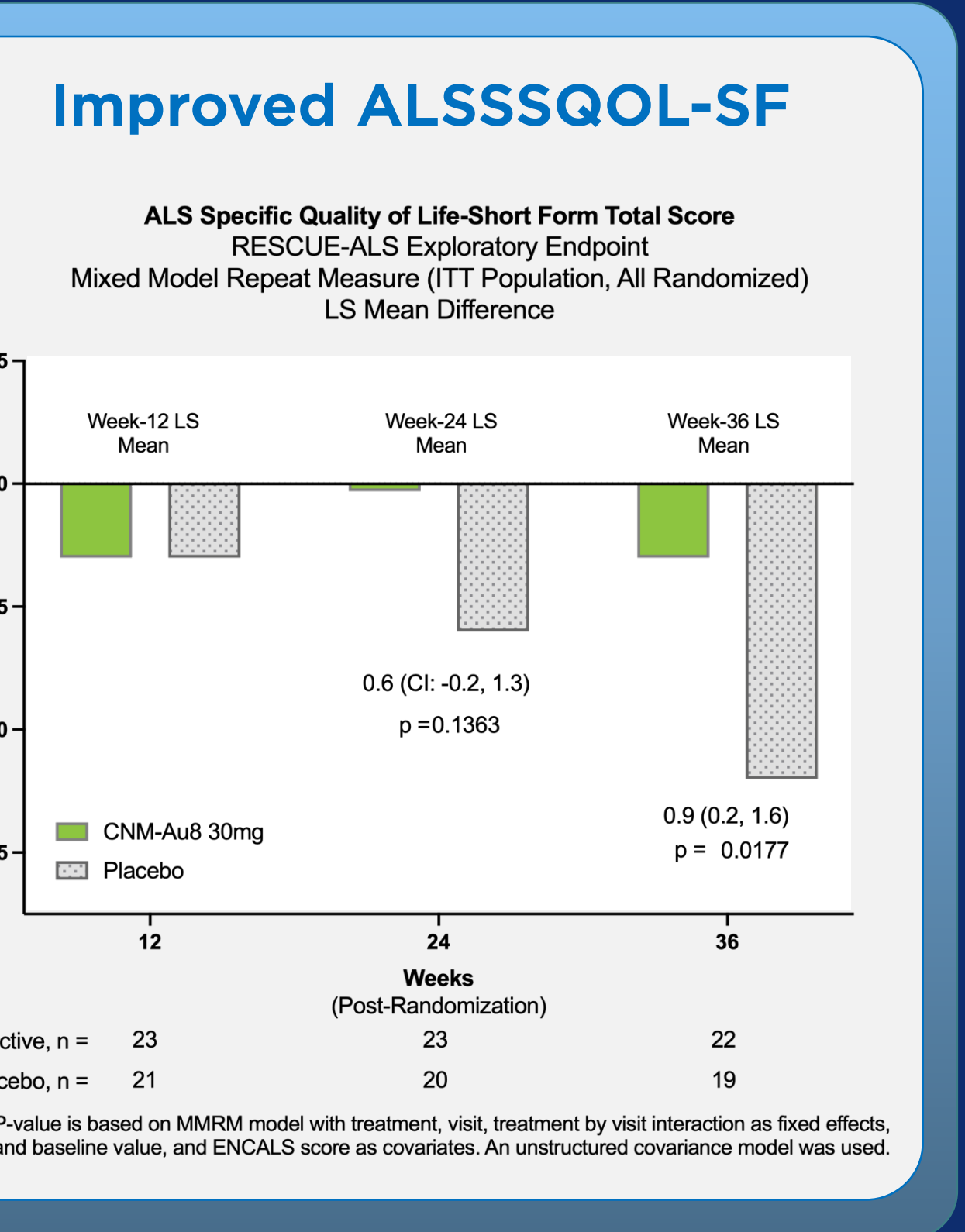
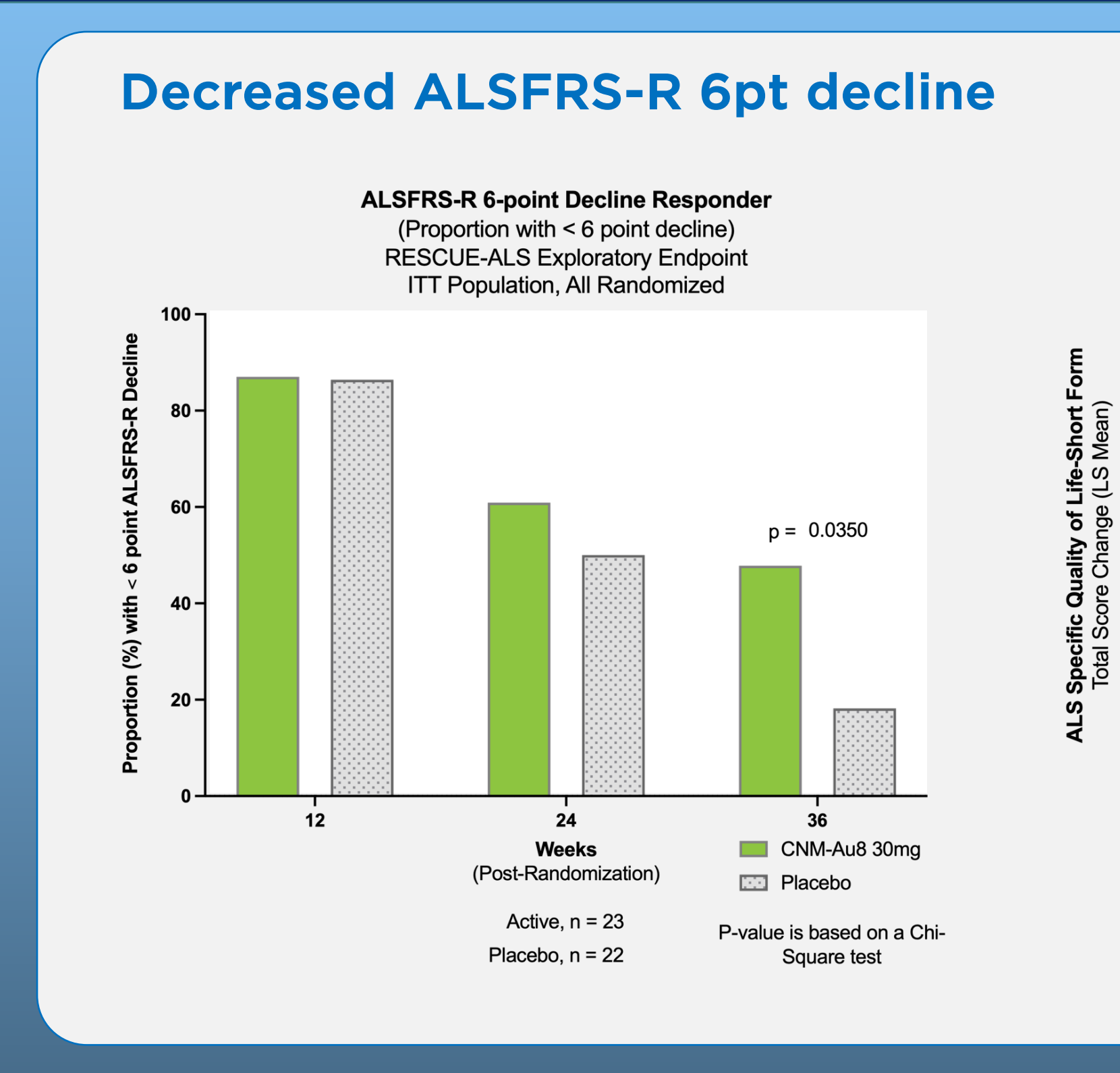
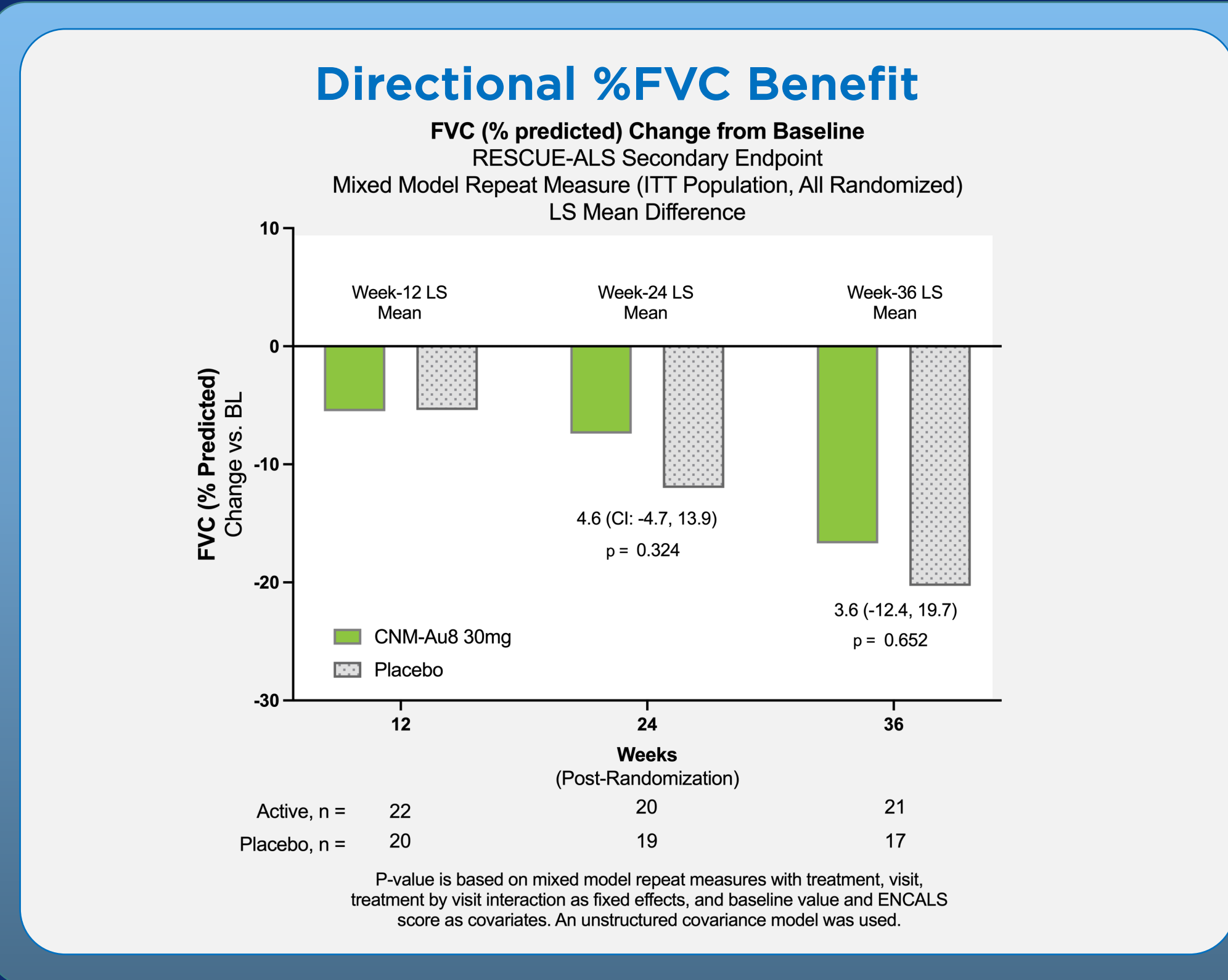
<sup>1</sup>Concord Repatriation General Hospital, University of Sydney, Australia; <sup>2</sup>Brain and Mind Centre, University of Sydney, Australia; <sup>3</sup>Clene Nanomedicine, Salt Lake City, UT, USA

## CONCLUSION: RESCUE-ALS has established safety and suggested efficacy of CNM-Au8 for treatment of ALS

### Primary EP | Evidence of Lower Motor Neuron Protection



### Key Secondary & Exploratory Endpoints | Evidence for Impacting Disease Progression



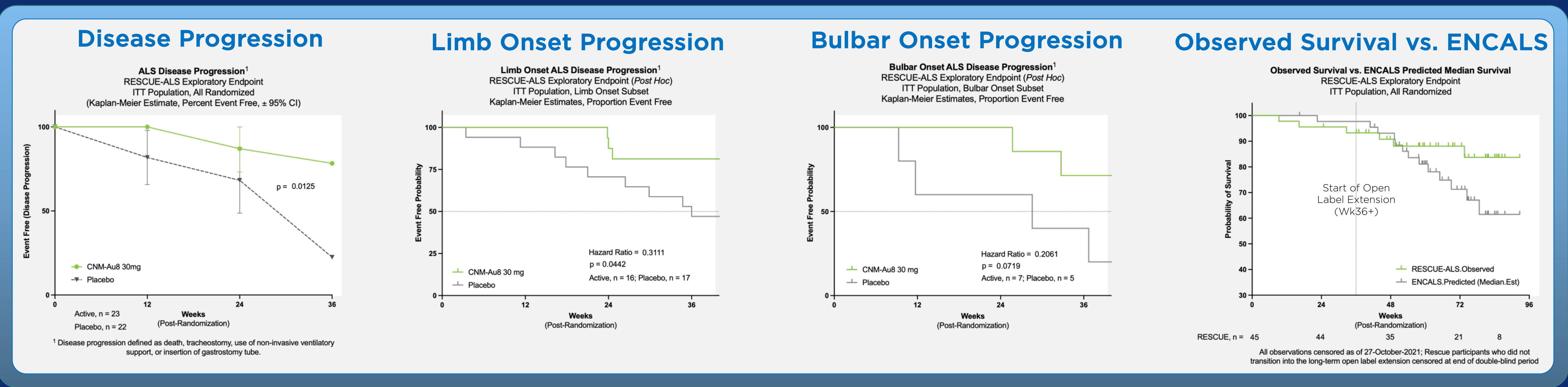
- #### Design
- Early symptomatic ALS
  - Randomized (1:1, CNM-Au8 30 mg or placebo)
  - 36-week treatment period with open label extension
  - 1<sup>st</sup> EP: MUNIX(4) summed %change of ADM, APB, BB, & TA
  - 2<sup>nd</sup> EPs: absolute MUNIX change, % FVC
  - Exploratory EPs: disease progression, 6-pt decline in ALSFRS-R, ALSSQOL-SF, & others

### Baseline Demographics & Safety

Baseline Value mean (sd)	Age (yrs)	Sex n, (%) Male   Female	Onset Site n, (%) Limb   Bulbar	Months from Onset	FVC (% pred.)	ALSFRS-R Score	ENCALS Risk Profile <sup>1</sup>	MUNIX Sum Score
All (n=45)	59.1 (12.3)	M: 26 (58%) F: 19 (42%)	L: 33 (73%) B: 12 (27%)	15.8 (9.3)	81.5 (16.7)	38.7 (6.0)	-4.4 (1.8)	378.2 (175.3)
CNM-Au8 30mg (n=23)	57.0 (13.3)	M: 13 (57%) F: 10 (43%)	L: 16 (70%) B: 7 (30%)	15.5 (7.6)	84.5 (18.3)	38.6 (6.6)	-4.6 (1.7)	380.2 (198.0)
Placebo (n=22)	61.3 (10.9)	M: 13 (59%) F: 9 (41%)	L: 17 (77%) B: 5 (23%)	16.1 (10.9)	78.2 (14.5)	38.8 (5.4)	-4.2 (1.8)	376.2 (152.7)

**Safety Summary:** No CNM-Au8 related SAEs, drug discontinuations, or adverse event (AE) imbalance by system organ class. AEs predominantly mild-to-moderate & transient. The AEs most commonly associated with CNM-Au8 included aspiration pneumonia, n=3; nausea, n=2; abdominal discomfort, n=2.

### Disease Progression & Observed Survival (vs. ENCALS Predicted)



<sup>1</sup> Disease progression defined as death, tracheostomy, use of non-invasive ventilatory support, or insertion of gastrostomy tube.

### Acknowledgements

We thank the ALS study patients and their families for their support and willingness to engage in clinical research. We thank the site investigators for their research excellence and dedication to patients. We thank FightMND of Australia for substantially funding the RESCUE-ALS trial.