

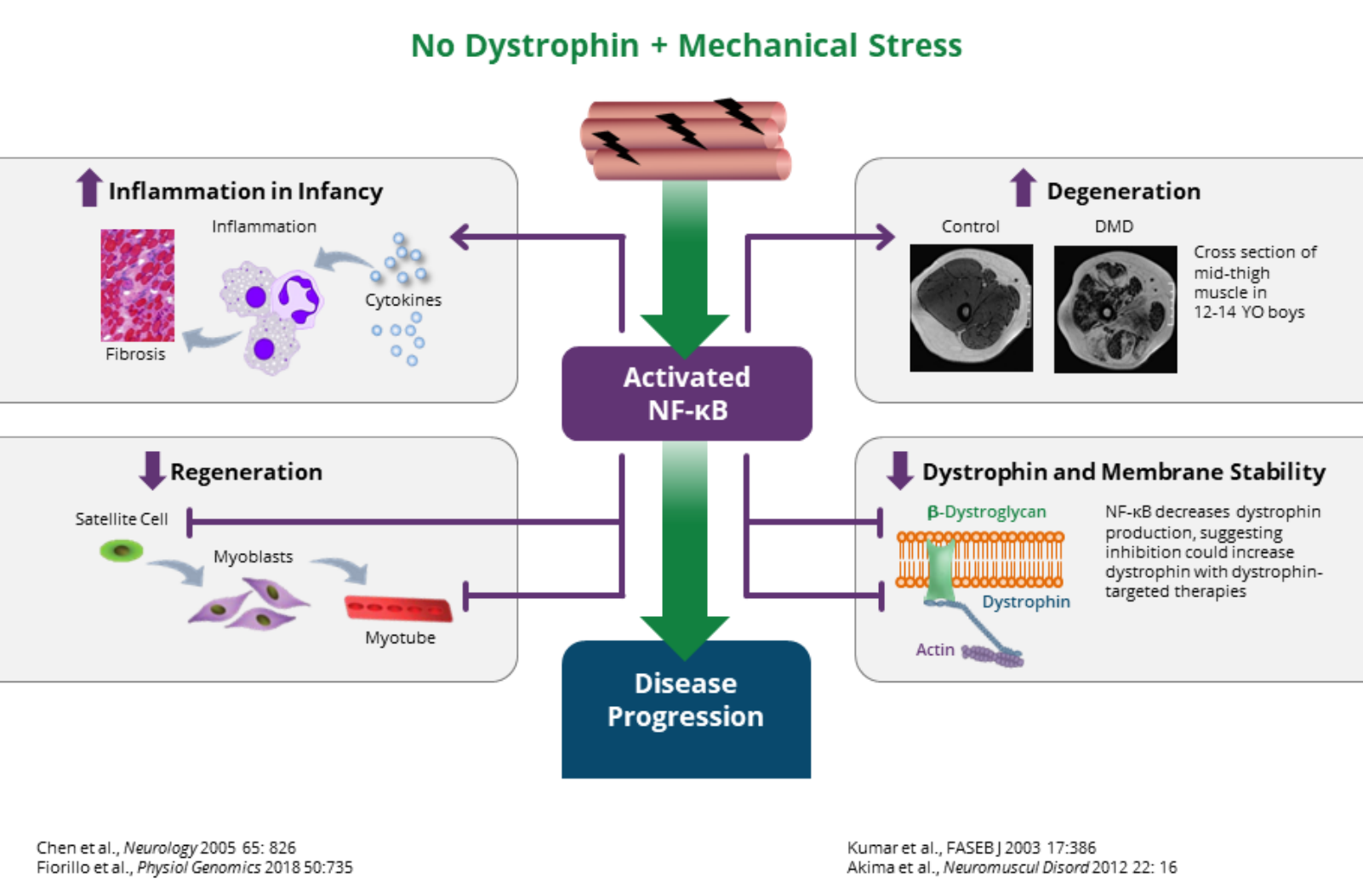
Baseline Characteristics of Patients Enrolled in PolarisDMD, a Phase 3 Trial of Edasalonexent for Duchenne Muscular Dystrophy

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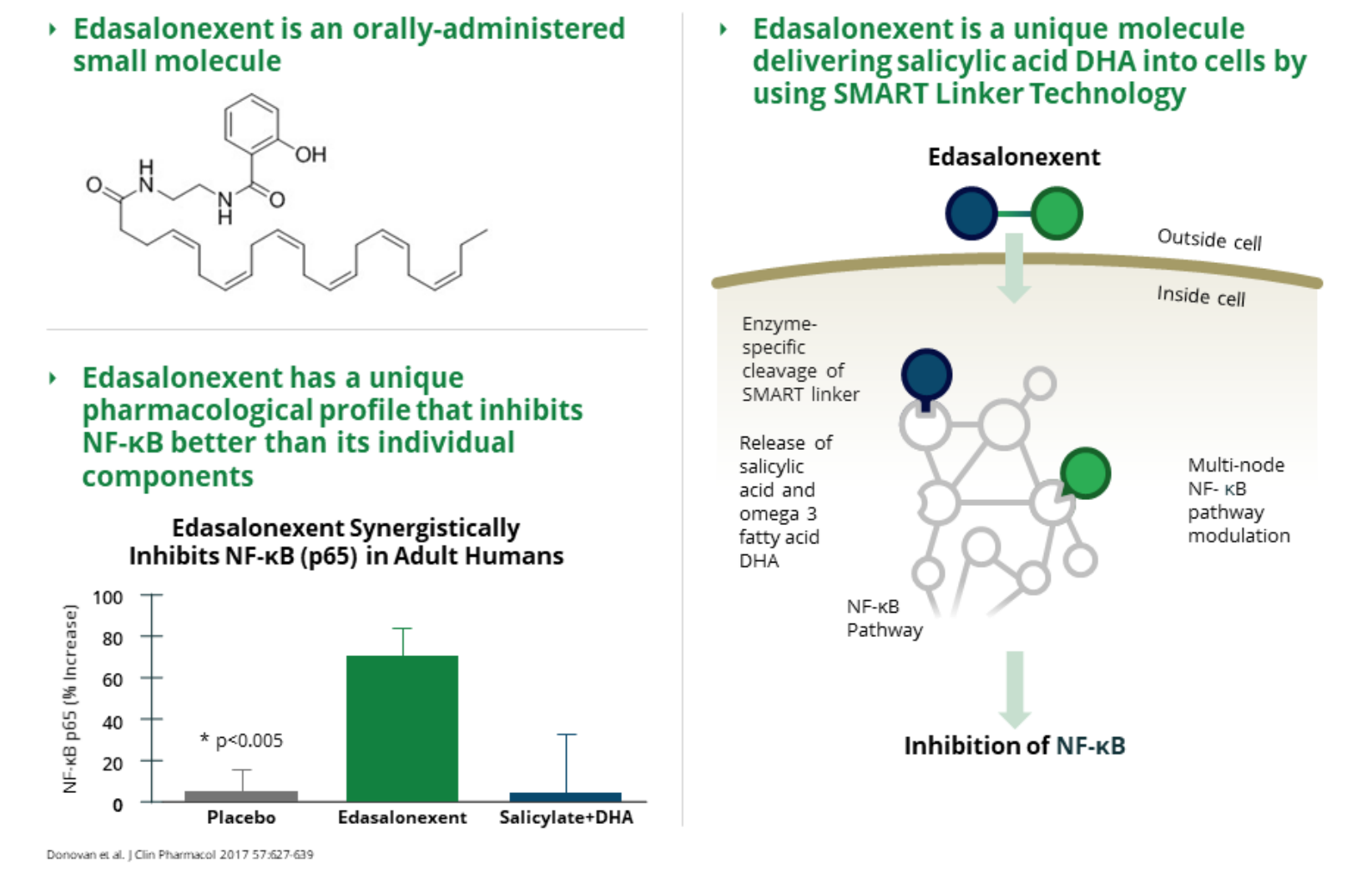
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Background

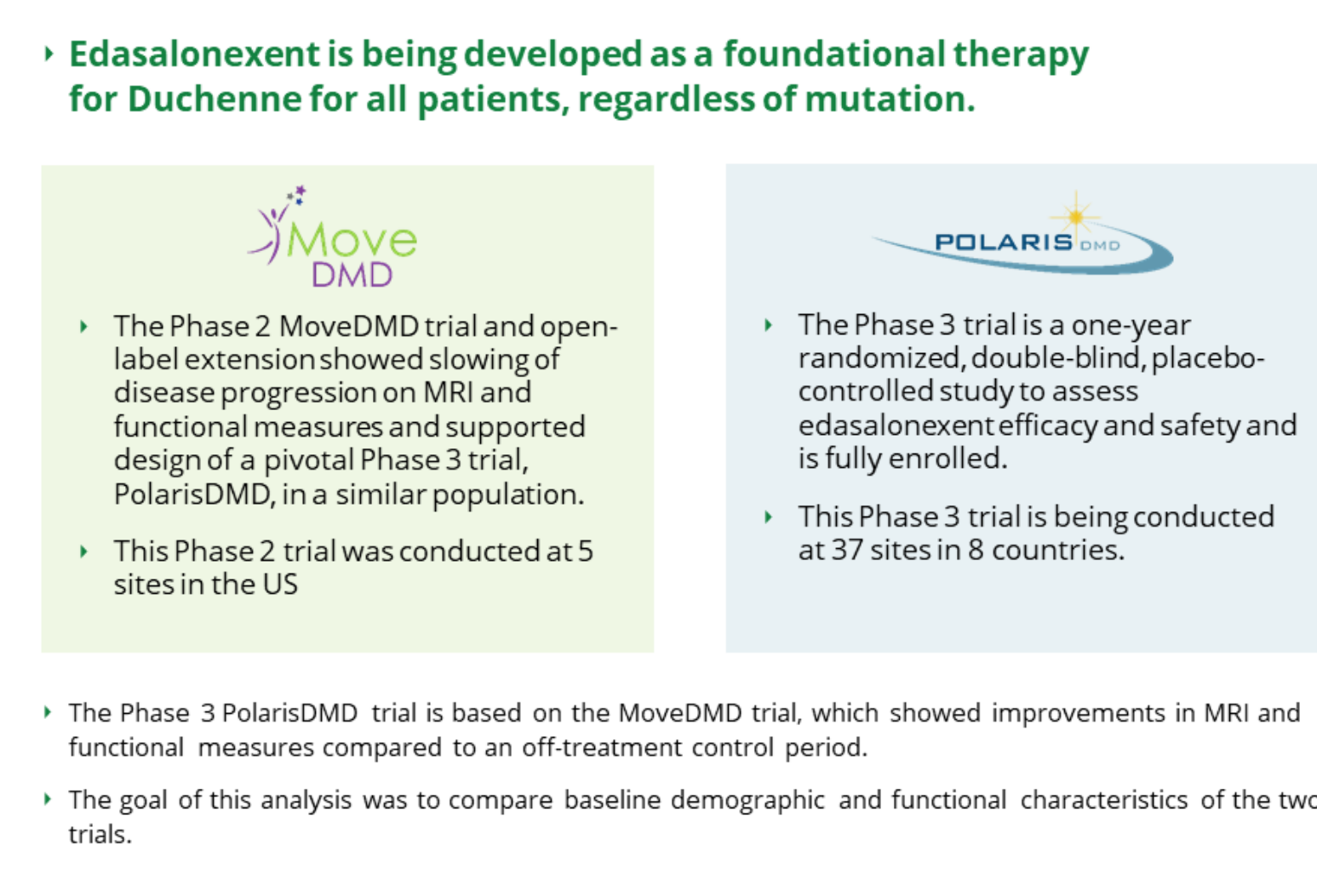
Activation of NF-κB in Duchenne Muscular Dystrophy Is a Key Factor in Disease Progression



Edasalonexent Inhibits NF-κB, a Key Driver of Muscle Disease in Duchenne

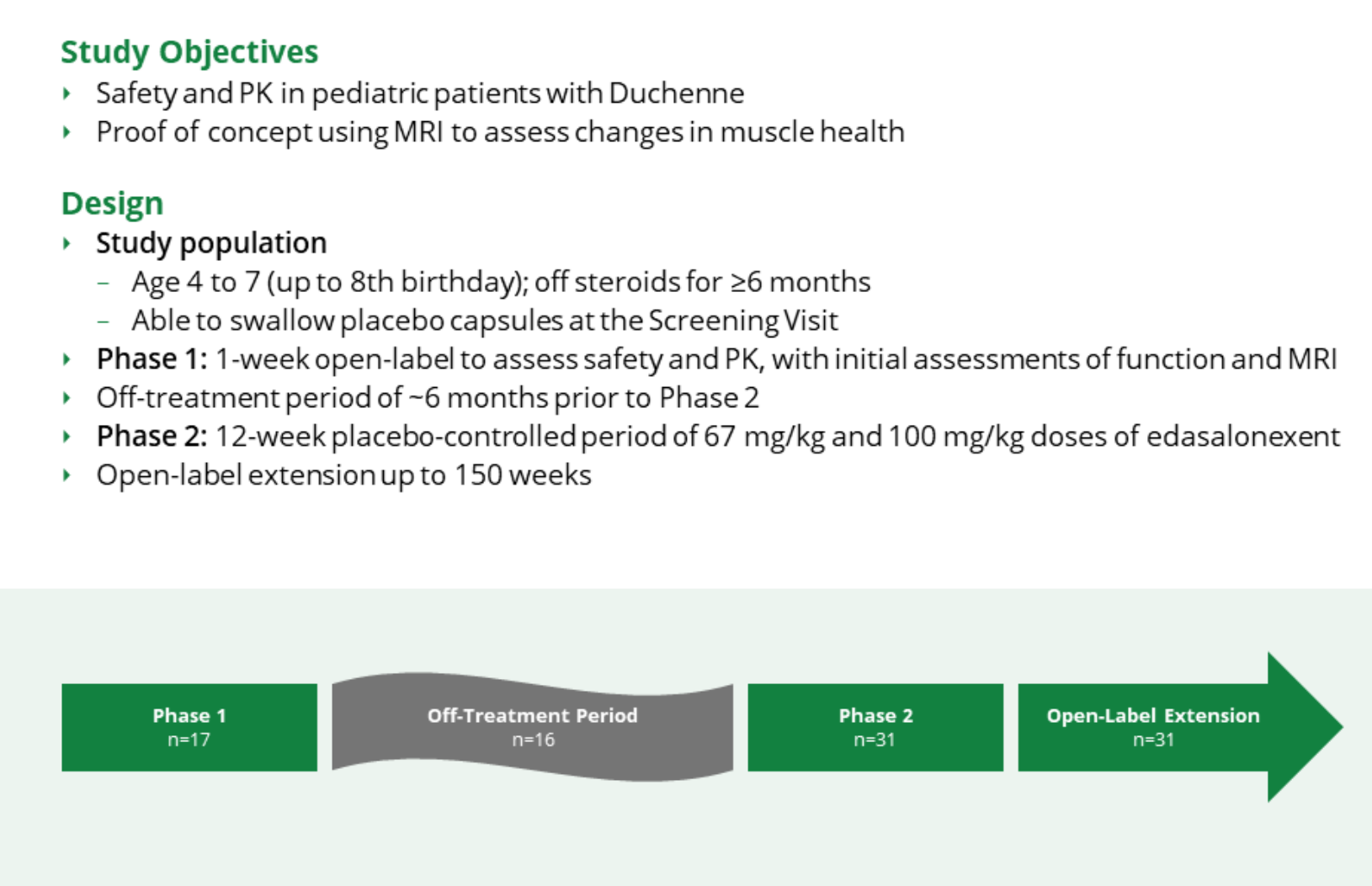


Edasalonexent Clinical Development Program

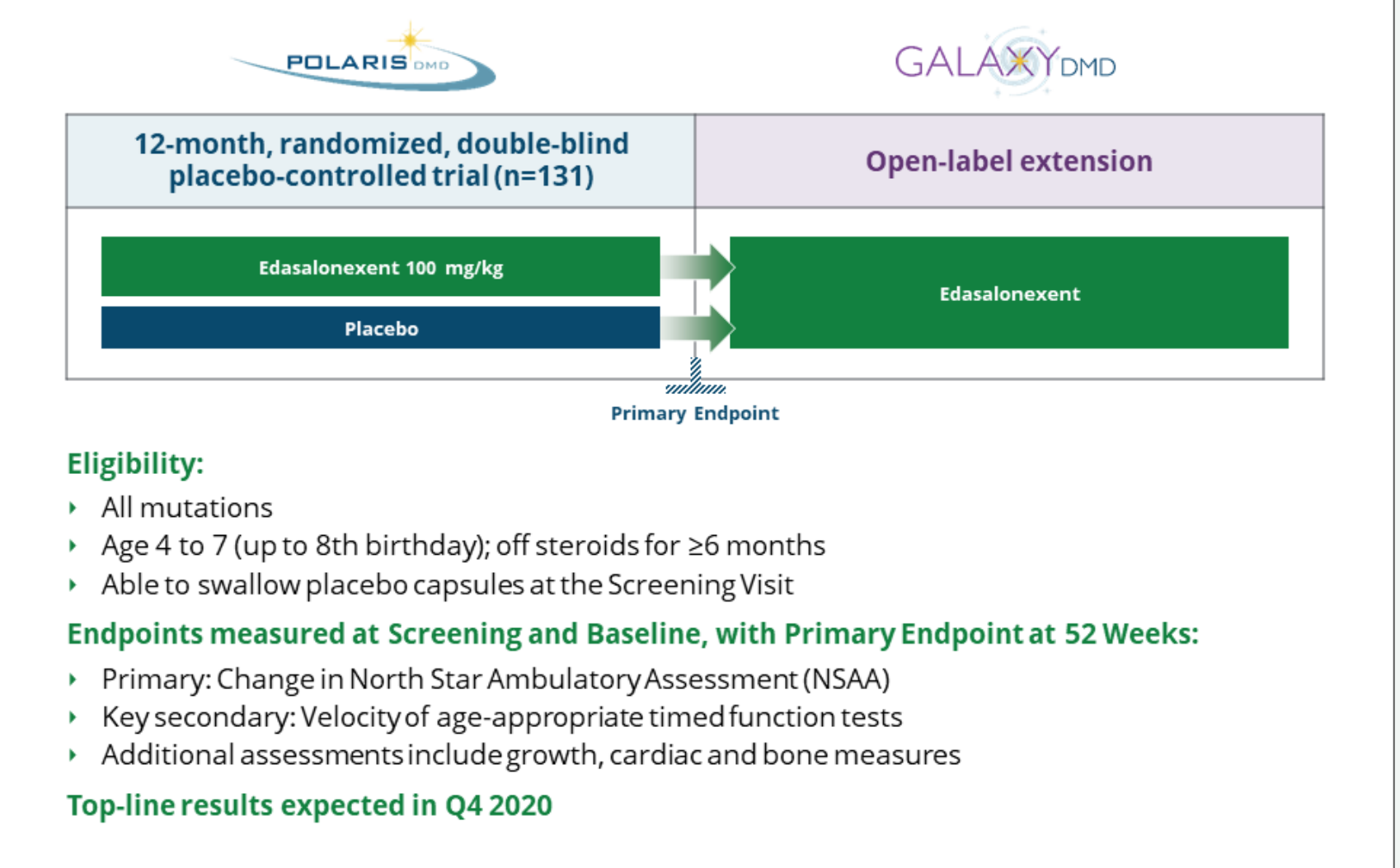


Study Design

MoveDMD[®], a Phase 1/2 Trial with Open-Label Extension

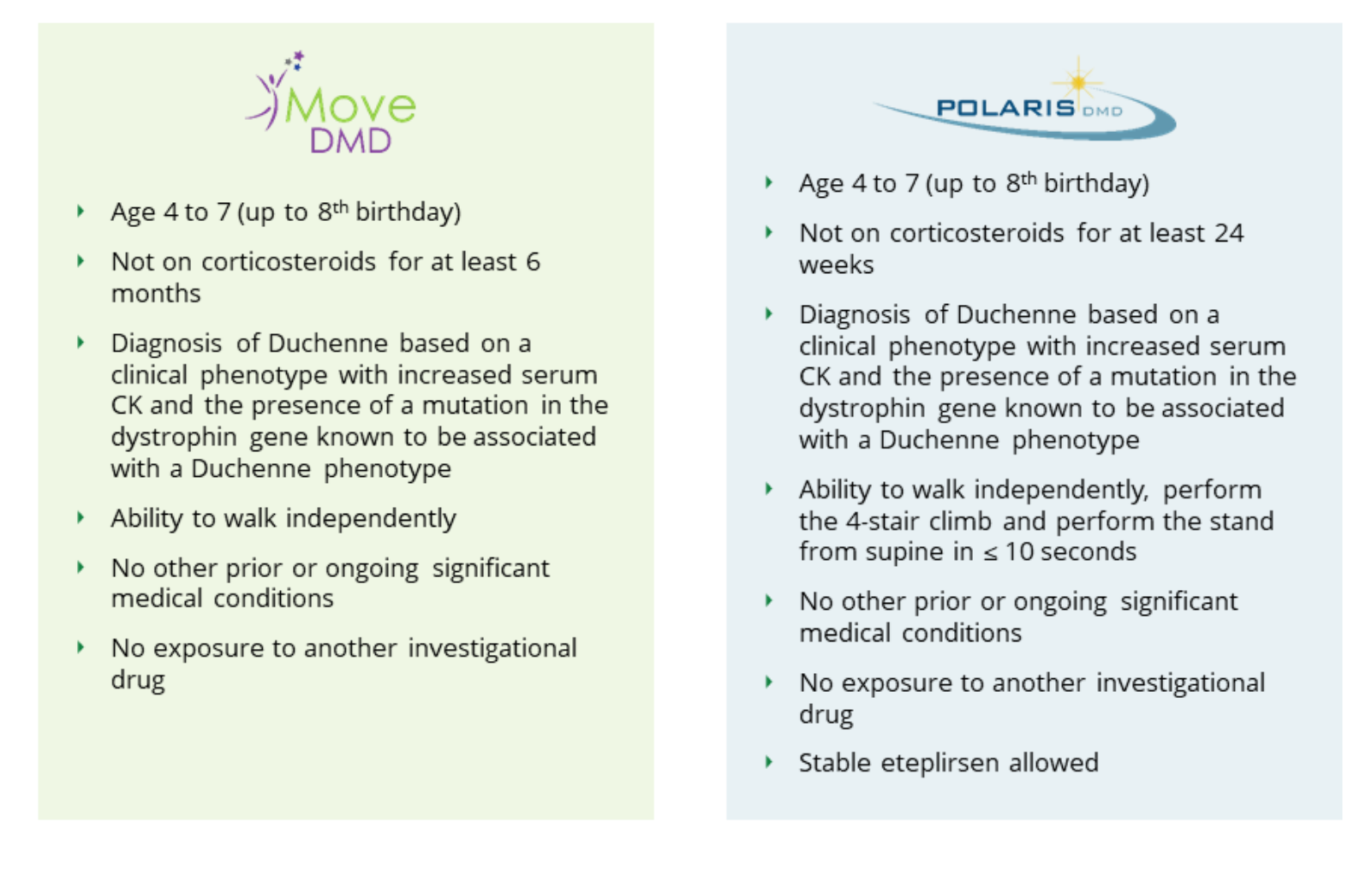


Edasalonexent Phase 3 PolarisDMD Trial Designed for Global Registration



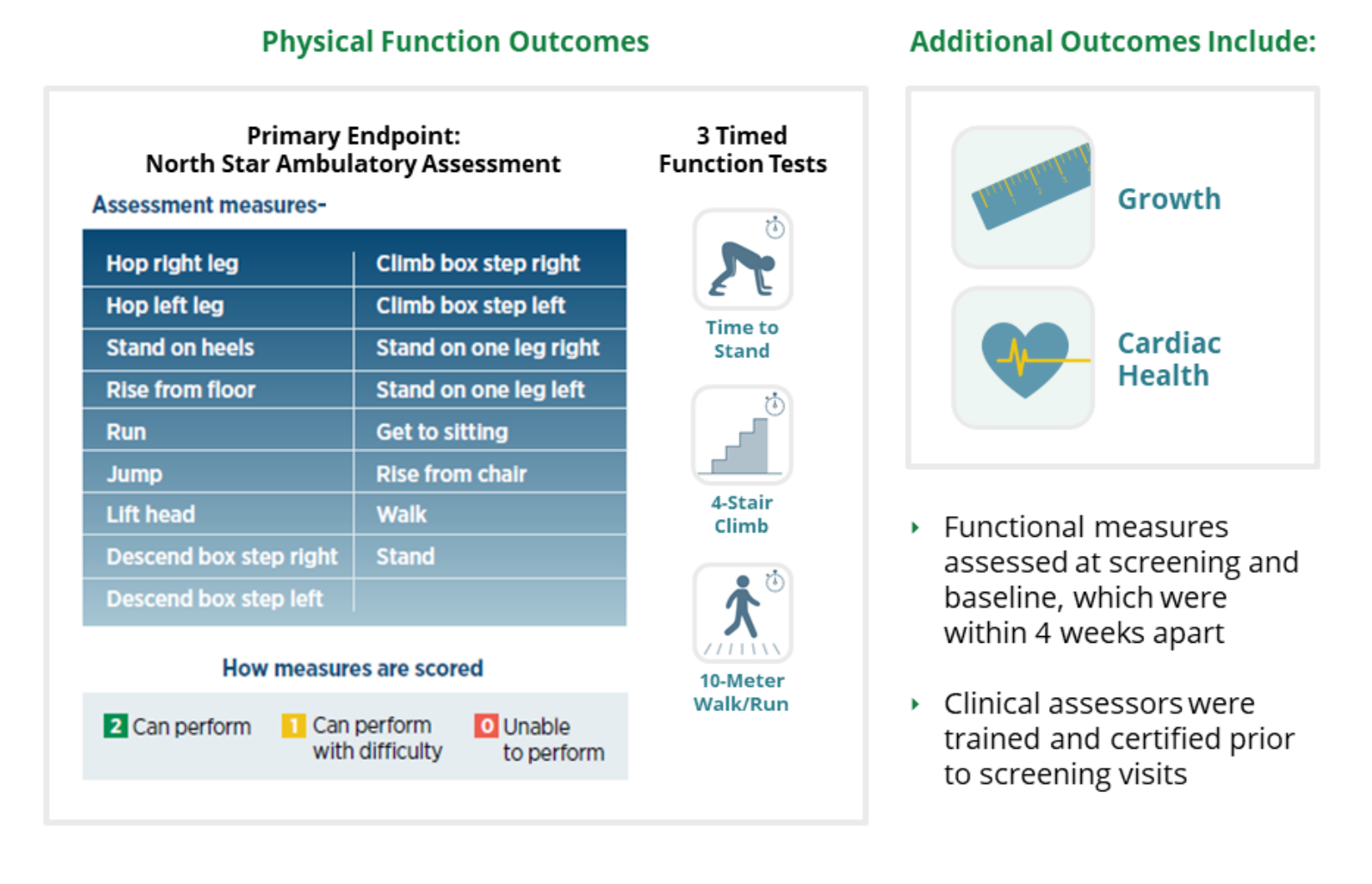
Study Design

Entry Criteria of Phase 2 MoveDMD and Phase 3 PolarisDMD Trials Were Similar

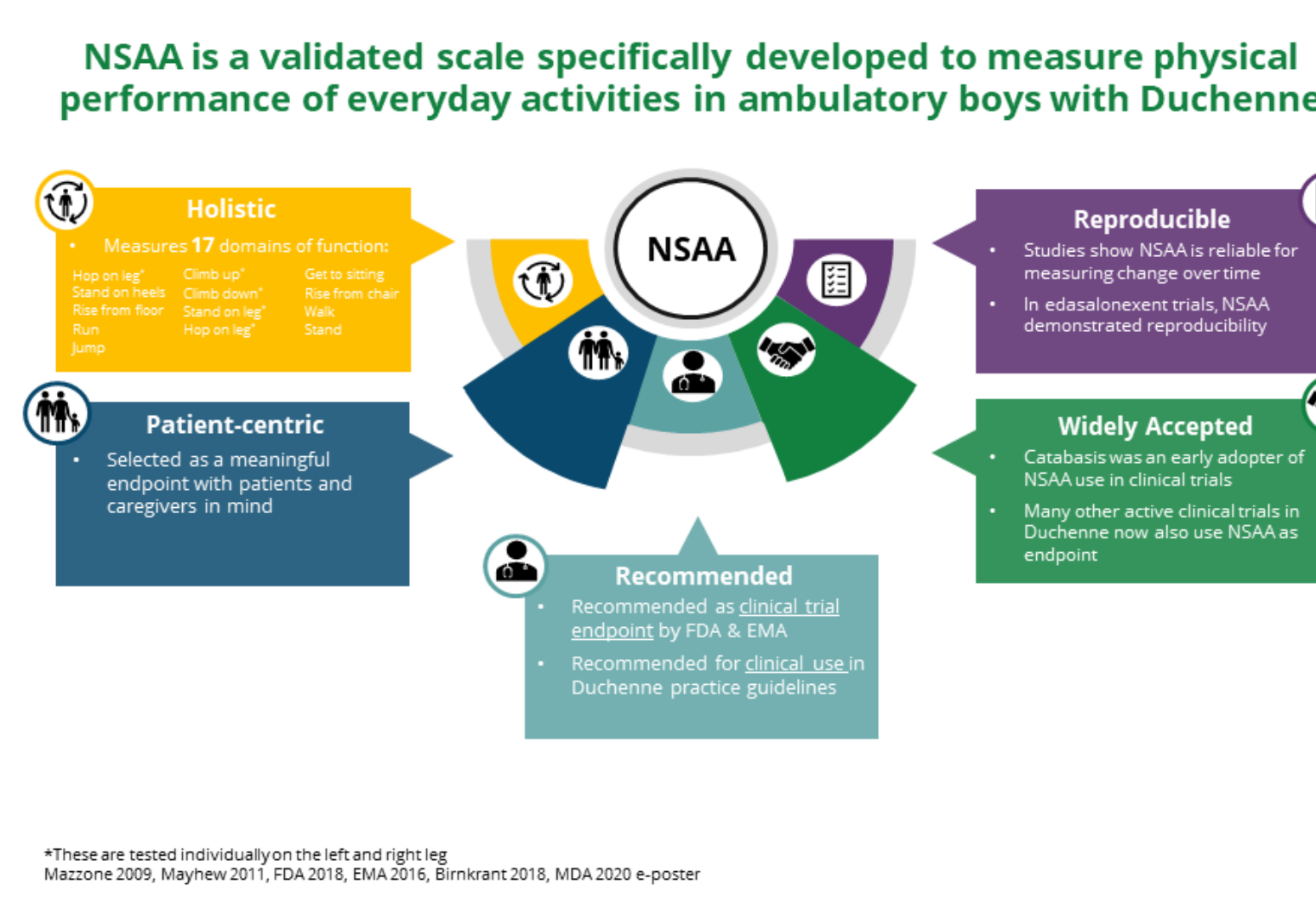


Assessments

Assessments Performed During Clinical Visits, with NSAA as Primary Endpoint

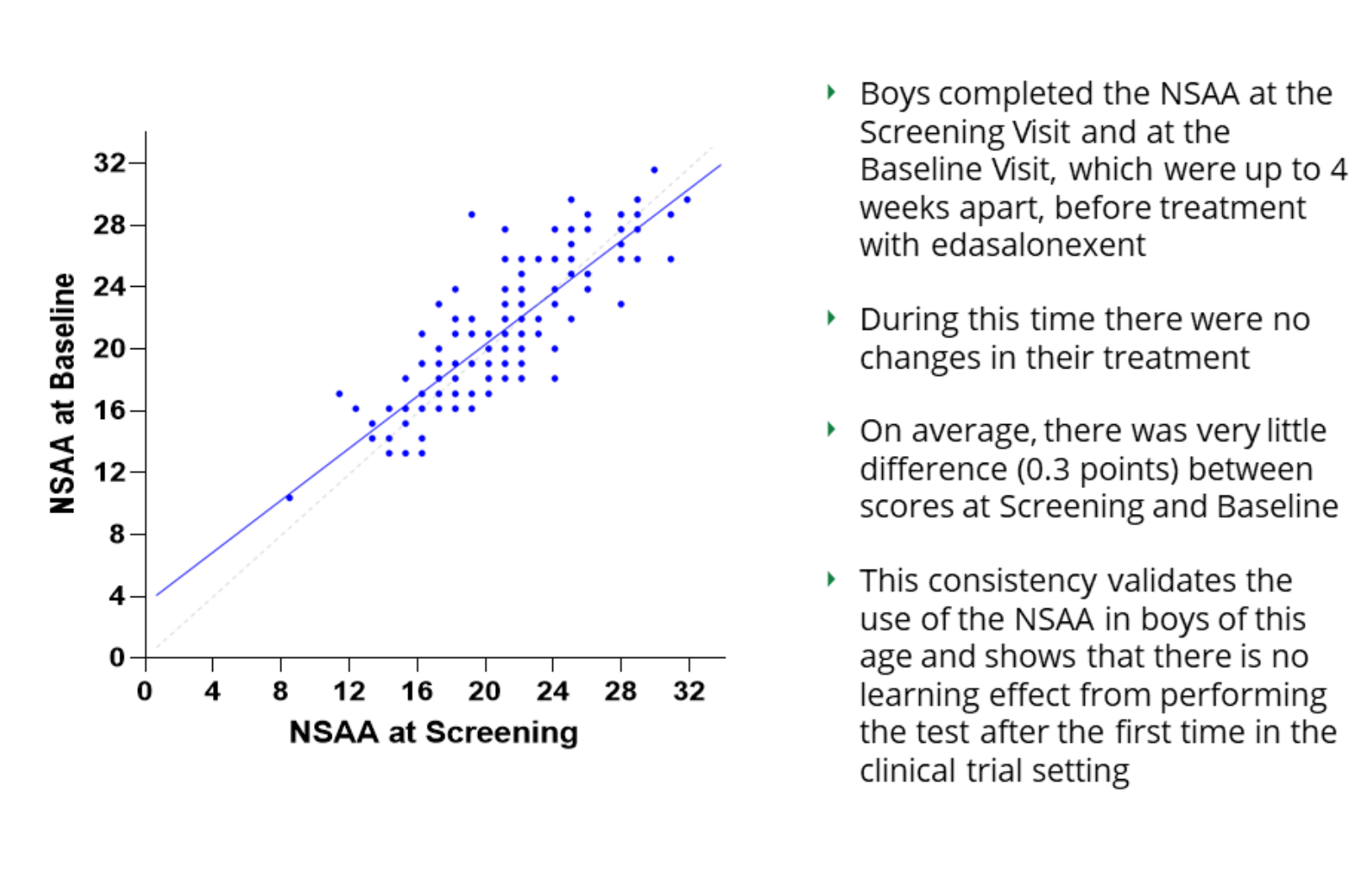


Overview of the North Star Ambulatory Assessment (NSAA)



Results

NSAA Reproducible Between Screening and Baseline Visits in Young Boys in PolarisDMD



Reproducibility of Additional Functional Measures Between Screening and Baseline

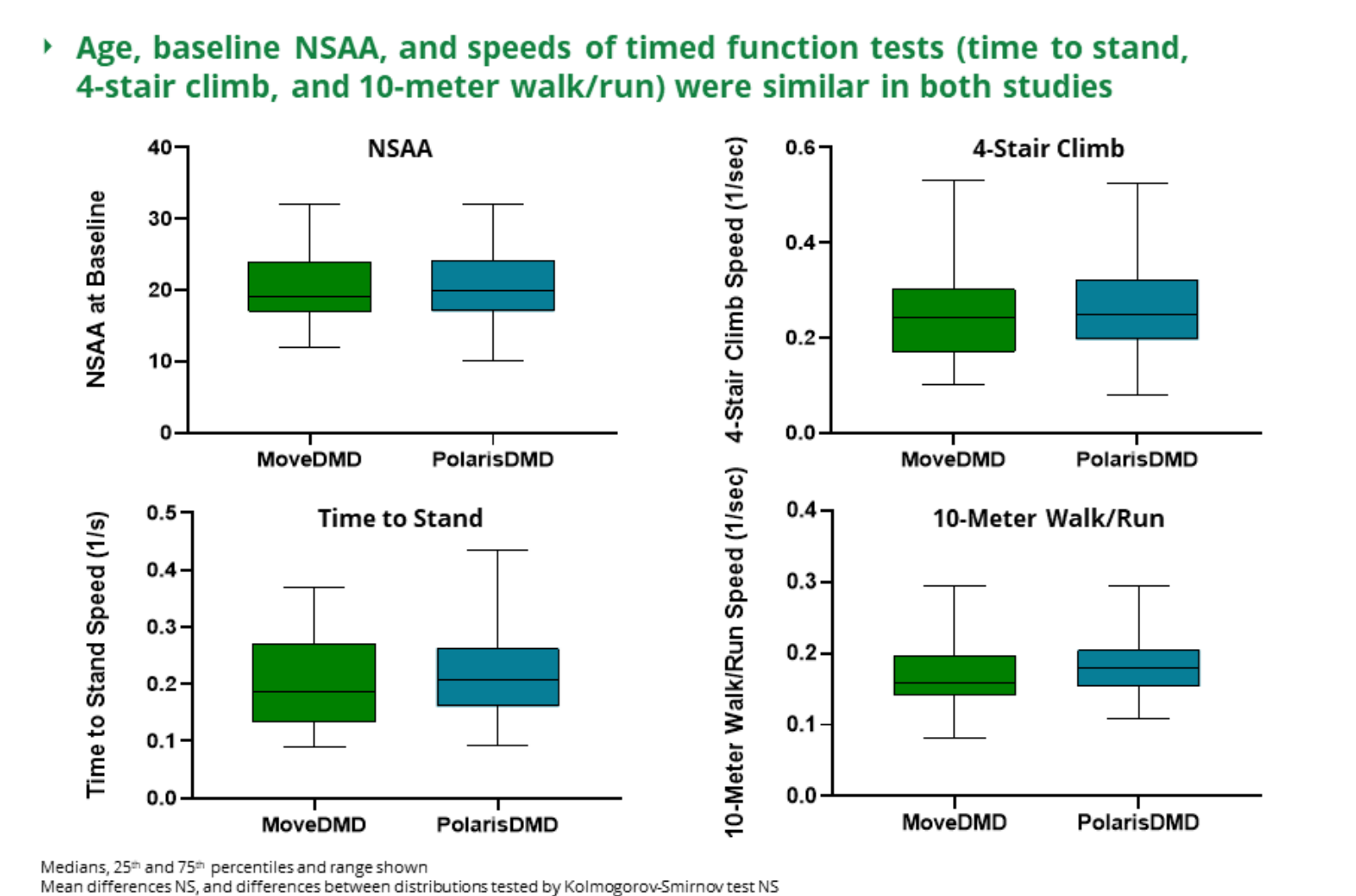
The NSAA and timed function tests were highly reproducible in the Phase 3 PolarisDMD study population.

NSAA was more reproducible than the timed function tests in this population.

Measure	Pearson Correlation Coefficient
North Star Ambulatory Assessment (NSAA) score	0.84
10-Meter Walk/Run speed (1/s)	0.82
4-Stair Climb speed (1/s)	0.81
Time to Stand speed (1/s)	0.79

Results

Distribution of Functional Measures at Baseline Was Similar in MoveDMD and PolarisDMD Trials



Phase 3 PolarisDMD and Phase 2 MoveDMD Trials Have Similar Baseline Characteristics

Analysis shows that Phase 3 trial enrolled the expected patient population. Comparison of baseline age and function (NSAA, time to stand, 4-stair climb, and 10-meter walk/run) were similar in both trials; there were no significant differences in baseline characteristics between the two trials*.

	MoveDMD (n=23)	PolarisDMD (n=131)
Age (years)	6.0 ± 1.1	5.7 ± 1.0
% never previously on steroids	100%	98%
Baseline CK	19842	18964
Heart Rate	99	102
NSAA score	20.1 ± 5.5	20.8 ± 4.7
10-Meter Walk/Run velocity (1/s)	0.168 ± 0.045	0.181 ± 0.037
4-Stair Climb velocity (1/s)	0.254 ± 0.110	0.265 ± 0.097
Time to Stand velocity (1/s)	0.193 ± 0.080	0.212 ± 0.070

Conclusion

Conclusions

- Boys enrolled in the PolarisDMD Phase 3 trial are similar to boys enrolled in the Phase 2 MoveDMD edasalonexent trial, without significant differences in baseline age or functional measures.
- NSAA is a consistent and reproducible measure of function of everyday activities in young boys with Duchenne, characteristics that are important for validity of clinical trial outcomes.
- The Phase 2 MoveDMD trial and open-label extension showed slowing of disease progression on MRI and functional measures compared with an off-treatment control period, and supported design of a pivotal Phase 3 trial, PolarisDMD.

Acknowledgements

- Patients and families
- Patient groups
- PolarisDMD Phase 3 Site Staff
- MoveDMD Phase 2 Site Staff
- Catabasis team
- Thanks to PPMD and MDA for generous grant support for patient travel in the MoveDMD Phase 2 trial

Parent Project Muscular Dystrophy

