

Data Collection

This data is based on our advanced treatment registry which collects outcome information as patients are treated. In particular, it doesn't generalize to all knee stem cell procedures (only Regenexx-SD). Our biostatistician queried and analyzed functional questionnaire data from our advanced registry.

Summary

- ***There was a statistically significant change in the LEFS (a functional measure) over the 12 month tracking period.***



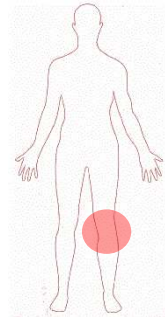
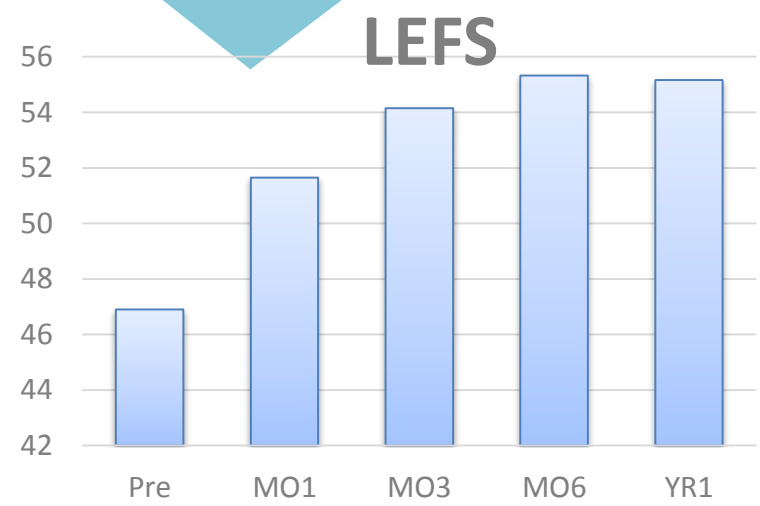
**Caution!** This is registry data, which is not the same as a drug company style controlled trial.

# What is the LEFS?

A standardized functional questionnaire that measures:

- *Work, sporting, and household activities*
- *Dressing ability*
- *Walking, running, climbing stairs*

What does this mean?  
 This the LEFS score from before to after the procedure at various time points. In this scale, higher scores equal more function.




The Regenexx-SD procedure is a same day bone marrow stem cell procedure that isolates the fractions of bone marrow that have the most stem cells.

**Details For Analysis:** The LEFS (Lower Extremity Functional Score) was calculated as a change from baseline. N for 1 month was 141, 3 mo=122, 6mo=79, 12 mo=35. The p-value for the delta in score was calculated using a paired t-test and was found to be <0.0001 for 1 month, <0.0001 for 3 months, <0.0001 for 6 months, and 0.0053 for 1 year.