

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 and pain questionnaire data from our advanced registry.

## Pain and Function Data Fall 2015

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



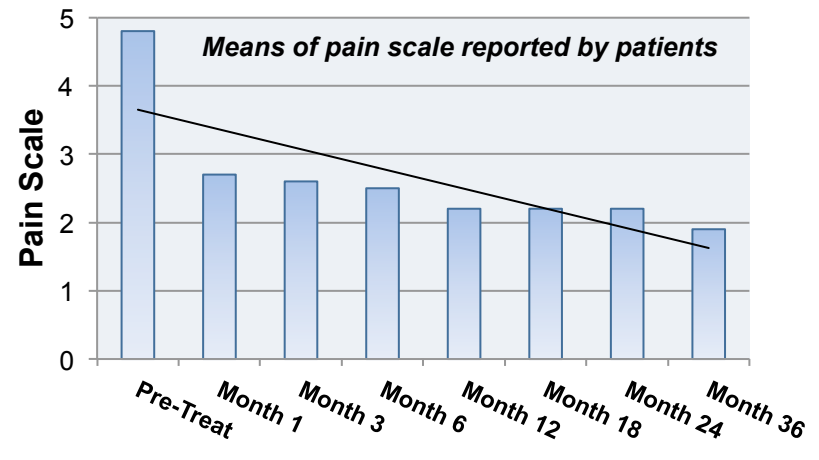
### What is the LEFS ?

The Lower Extremity Function Scale is A standardized functional questionnaire that measures:

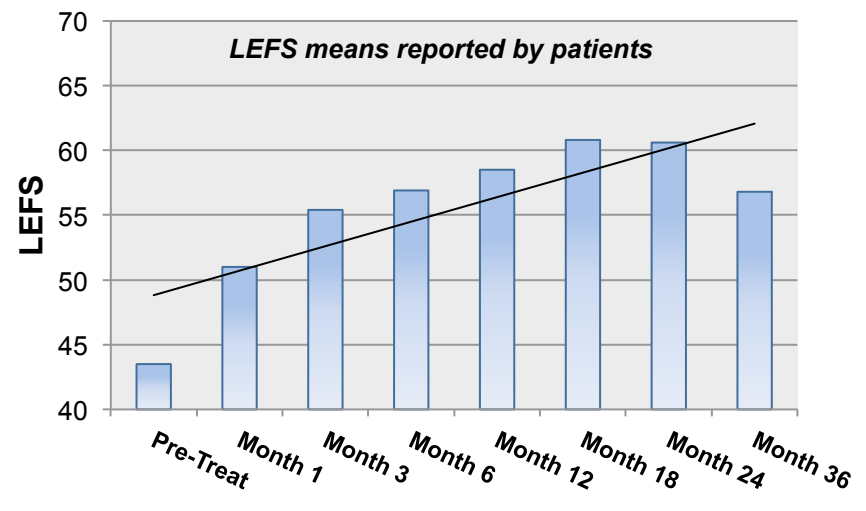
- *Work, sporting, and household activities*
- *Dressing ability*
- *Walking, running, climbing stairs*



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.



What does this mean? These figures show the decrease in pain and increase in function observed after Regenexx-SD treatment. Figure above illustrates the means of pain scales pre-treatment and at various time points post-treatment for patients' cohorts (range from 0, no pain to 10, worst pain). Similarly, the LEFS score is illustrated below from before to after the procedure at various time points. In this scale, higher scores equal more function.



Details For Analysis: Patients with available pain scores were 1482, 643, 832, 651, 417, 224, 116, 29 at the sequential time points (starting at pre-treatment and ending with 36 months post-treatment). Patients with available LEFS score were 1286, 567, 735, 578, 390, 212, 109, 19 at the same sequential time points.