

Do You Need ACL Surgery? Probably not...

What are the negatives to surgical ACL reconstruction?



Your "new" ACL will be at a non-physiologic angle.

Your natural ACL has two bundles to control rotational stability, almost all surgical ACLs have ONLY one bundle.



The "new" ACL will have none of the position sensors of your original ligament, compromising muscle control.

Research shows that ACL surgery doesn't prevent the onset of arthritis.



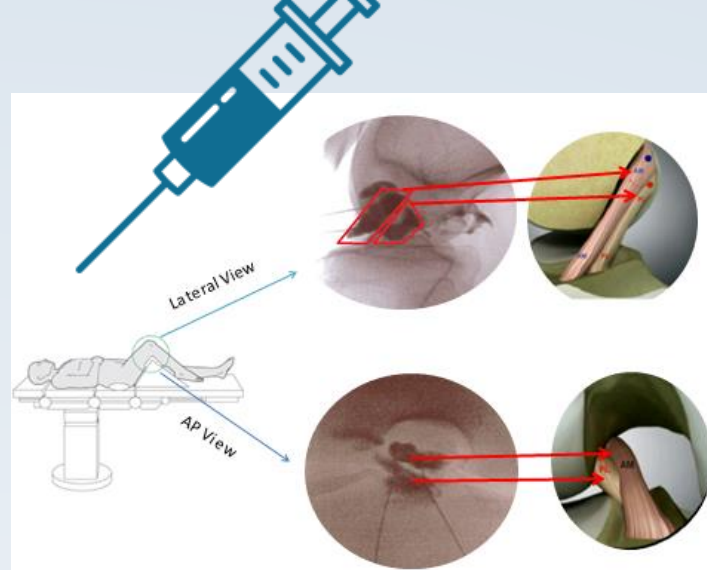
10-29% of patients will experience a re-tear of their surgical graft and need a second surgery.



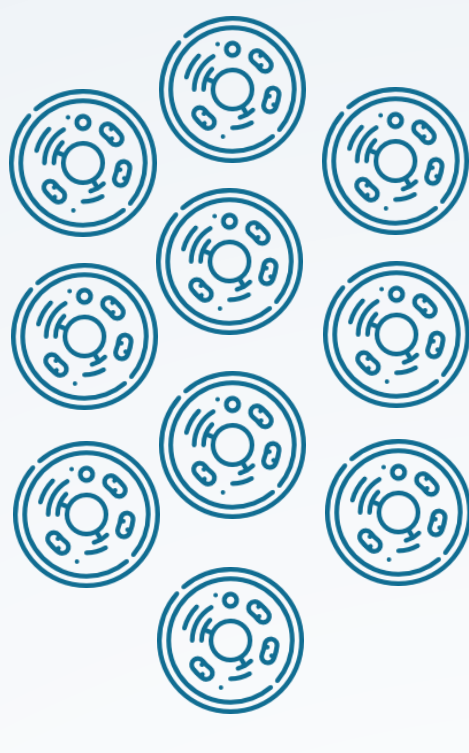
About 70% of patients who have been told they're an ACL surgery candidate can undergo a precise bone marrow stem cell procedure to heal the ACL tear and keep their own ligament...



We have published research on this technique.

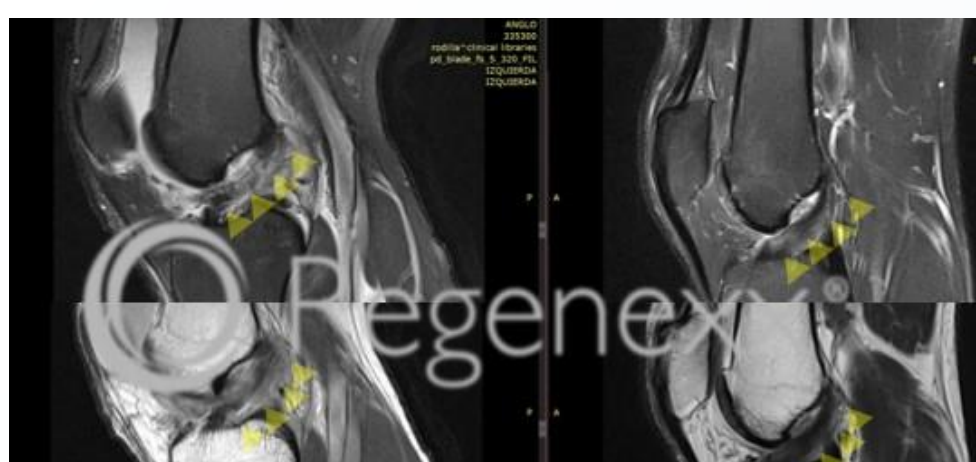
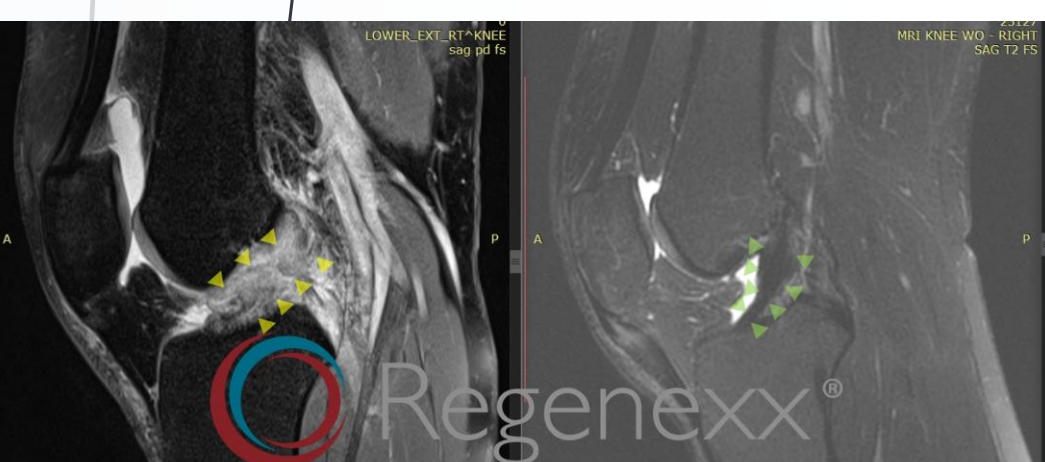
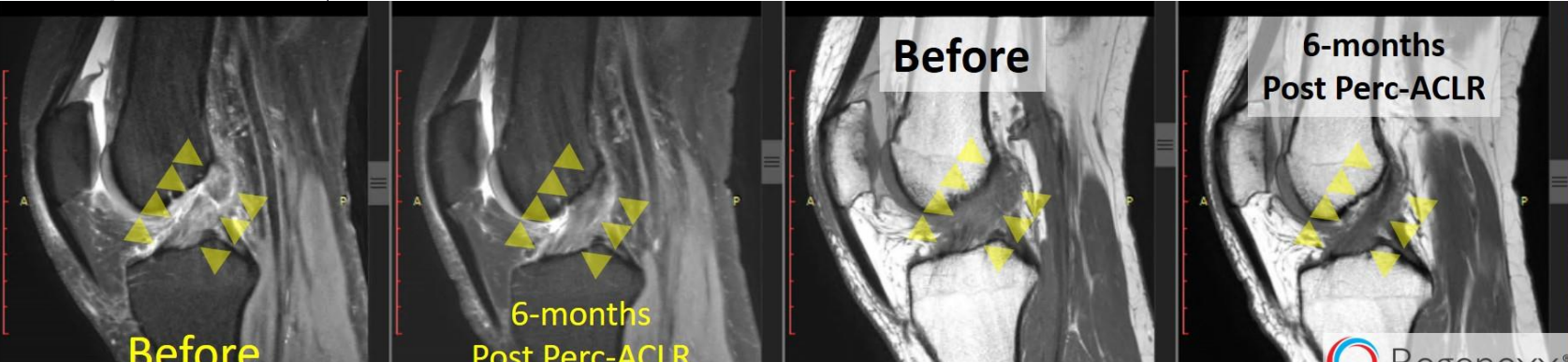
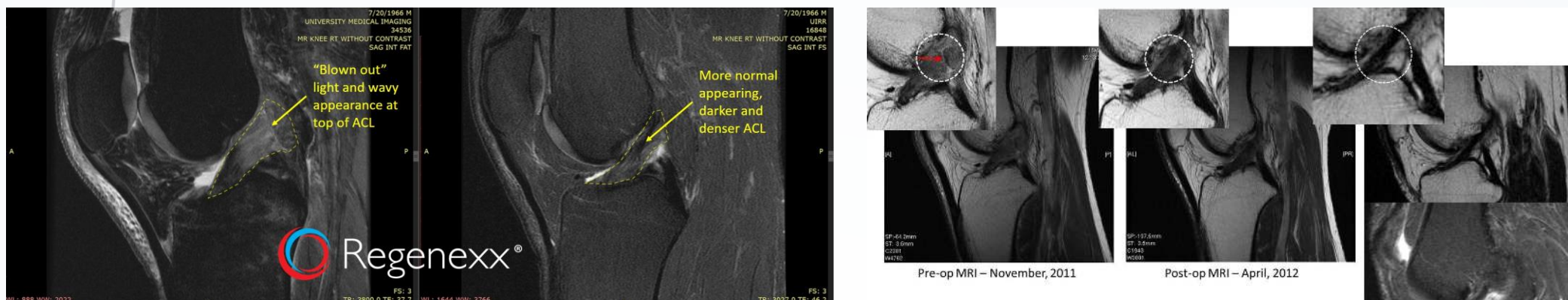


This procedure requires a highly precise injection that must be performed with real time x-ray guidance by a physician trained in Interventional Orthopedics.

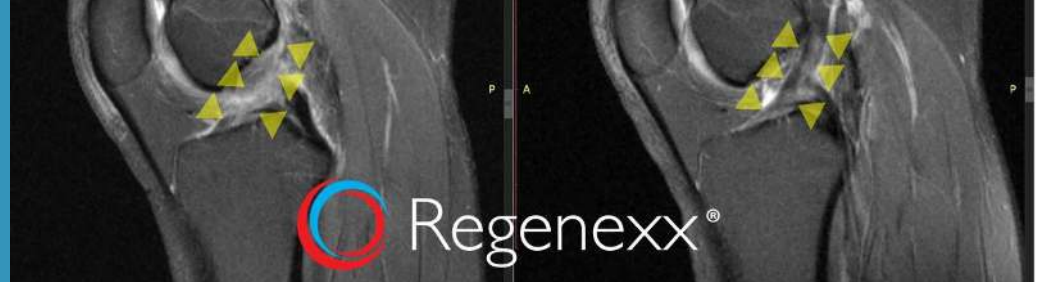


In our experience, high dose, bone marrow, stem cell procedures that concentrate cells in a lab like Regenexx are more likely to be able to heal the ACL than lower dose options created at the bedside.

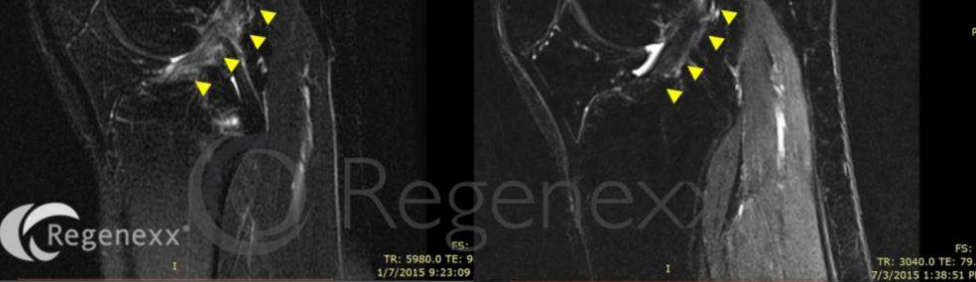
A compilation of MRIs going back many years showing healing in the ACL after the Regenexx ACL stem cell procedure:



The left image is the pre-injection knee ACL tear. It shows a white tear (inside the yellow dashed circle) diagonally through the dark appearing ACL in this MRI image. The right image shows the follow-up MRI at 3 months after the ultra-precise injection of the patient's own stem cells using an image guided technique developed by Centeno. No tear is seen inside the yellow dashed circle without surgery. The yellow triangles in both images delineate the course of the ACL.



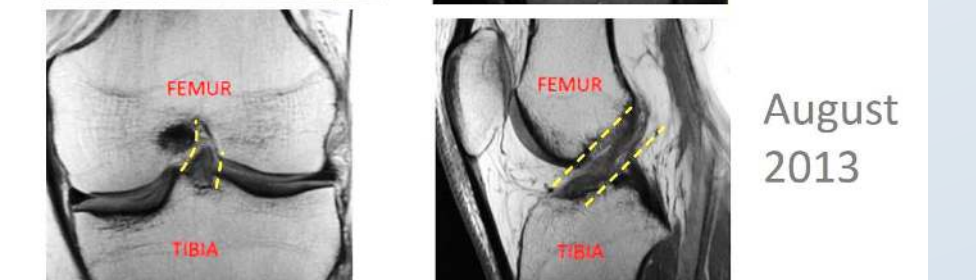
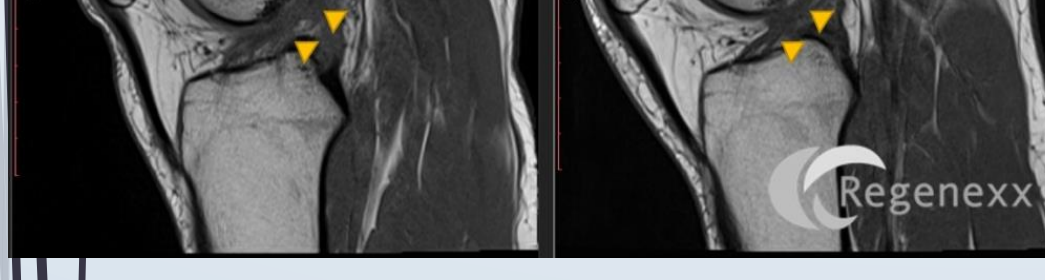
Did stem cells heal this ACL tear in 3 months without surgery?



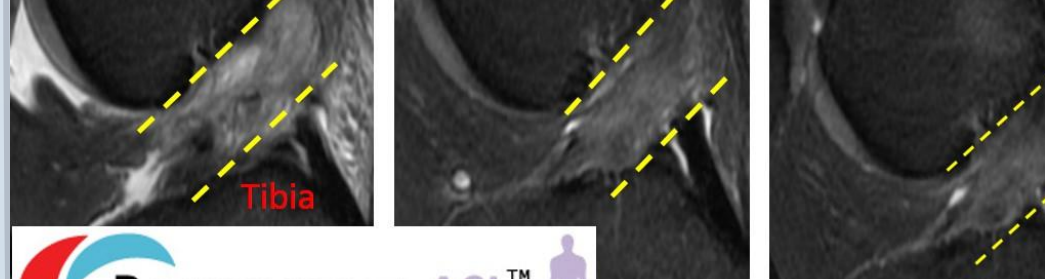
Can you heal a torn ACL with a precise injection of stem cells?



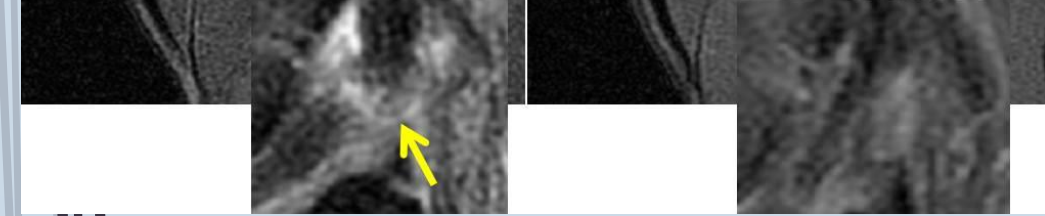
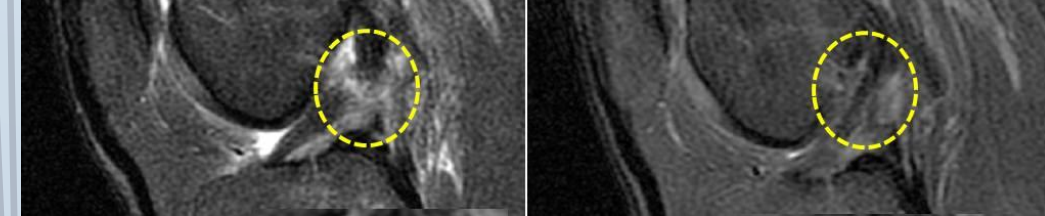
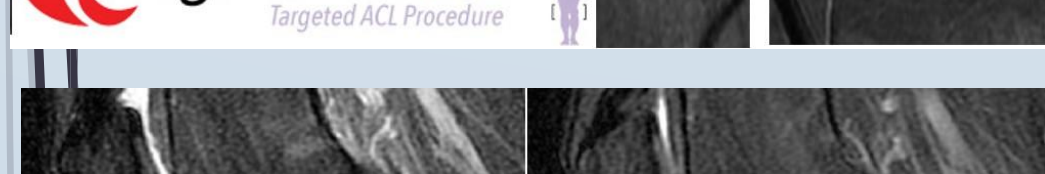
Did stem cells heal this ACL without surgery?



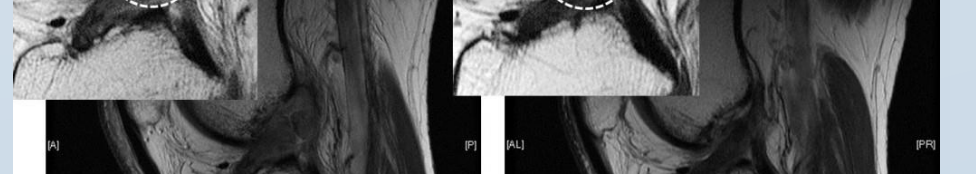
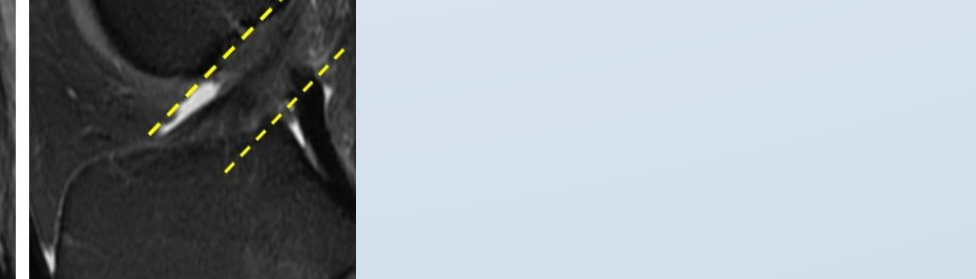
Pre-Treatment 2.15.13 3 months Post-Rx 6.18.2013 6 months Post-Rx 9.24.2013 11 months Post-Rx 2.11.2014



March 2013 August 2013



Pre and Post Injection MRI's of ACL. Pre-injection ACL is loose and poorly organized whereas the post injection ACL is tightly organized and fibers have a denser appearance.



Pre-op MRI - November, 2011 Post-op MRI - April, 2012

Michael (52 yo, male) Regenexx-SD Treatment December, 2011

