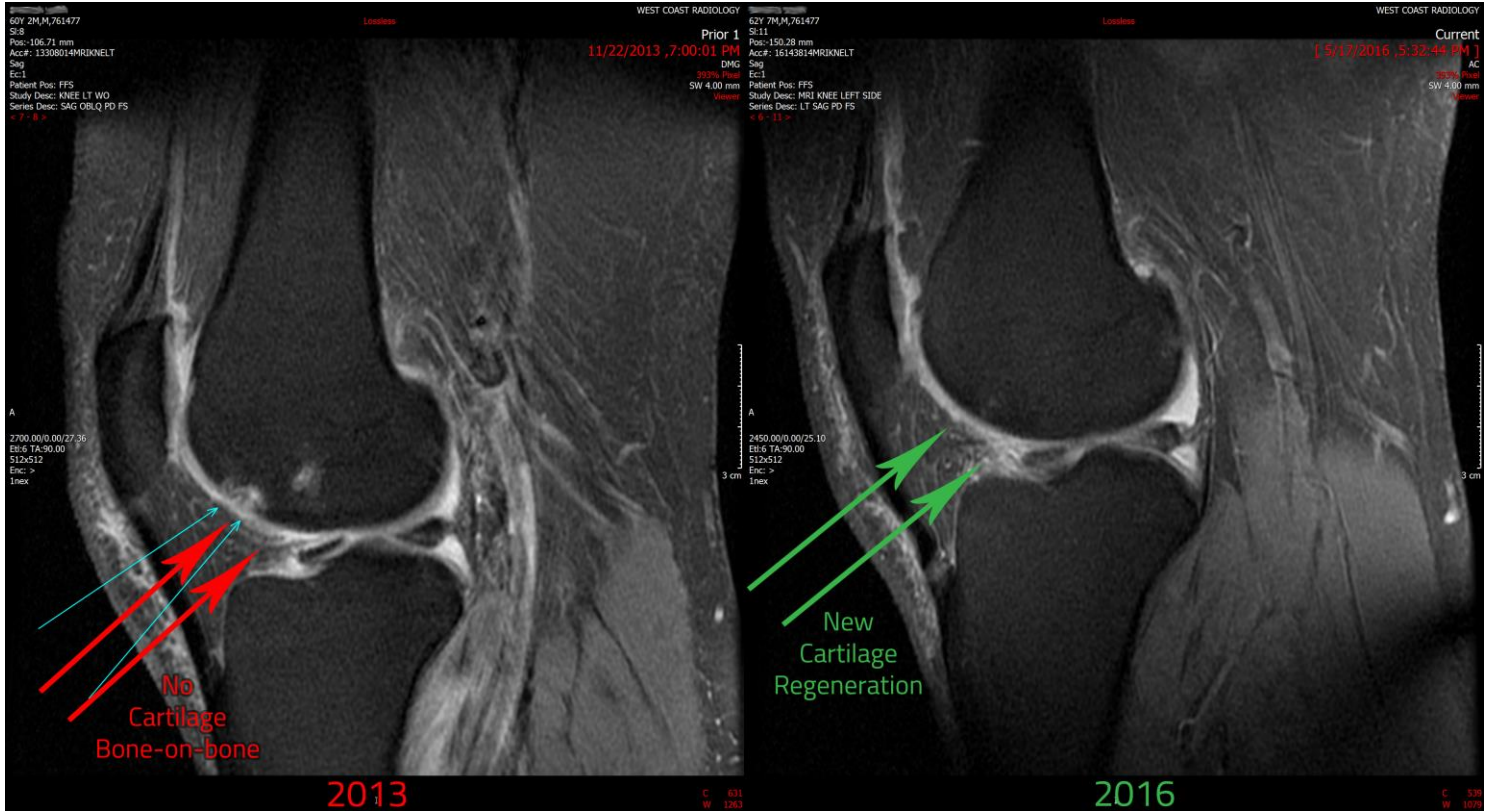


PRESS RELEASE:  
Palm Harbor, FL  
5/24/2016.  
BREAKING NEWS:

# First Documented Human Cartilage Regeneration



LEFT KNEE NON-CONTRAST MAGNETIC RESONANCE IMAGING

## CLINICAL HISTORY

### **Sterile D-MAPPS Derived Liquid Allograft (Decellularized Multiple Allogeneic Proteins Paracrine Signaling)**

62-year-old male with degenerative osteoarthritis and right total knee replacement was recommended to have left total knee replacement in 2013. Patient had a Sterile D-MAPPS Derived Liquid Allograft injection into his left knee on April 17, 2015. Patient had pain of 8 (scale 1-10, 10 being the worst) and was barely able to walk. He is now pain free, able to walk and RUN without pain.

## MRI FINDINGS

2016 compared to 2013:

- “Complete regeneration of an area of focal cartilage loss along the anterior aspect of the lateral femoral condyle and restoration of normal subchondral marrow signal”.
- “Dramatic improvement with degree of effusion”.
- “This is real”

- Ryan Polselli, M.D. Board Certified Radiologist