

Placental Tissue Matrix
Skye Biologics PX50

Case Report

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Diagnosis

Biceps Tendon Tear

Intro

JM is a 39-year-old male who sustained a biceps tendon tear in the fall of 2015. Injury occurred when he lost his grip while lifting a sofa, hyperextending his right arm. When he tried to go back to the gym he was unable to do a pull-up. When at the gym, he was 'babying' the right arm and could barely lift 10 pounds in a biceps curl, far less than the 40 pounds he was curling prior to the injury. When it continued to be painful around the elbow and did not improve with time, he sought a musculoskeletal ultrasound exam and consultation for regenerative medicine in the spring of 2016. He shared that it did not feel comfortable or secure at the distal insertion of the biceps tendon. Through Dr. Tierney's musculoskeletal ultrasound diagnostic exam, he was diagnosed with a partial tear at the distal insertion of the biceps tendon.

Treatment

0.5 cc .5% Ropivacaine with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft was injected into the distal biceps tendon of his right arm.

Follow-up

Three weeks after the injection, patient stated that his arms felt balanced and his pain was gone. He began increasing the weights on his biceps curls once again and lifting without pain.

It has been 2-3 months since the injection in the tendon, and he is now performing his 40-pound biceps curls without pain. He additionally reports no problem with pull-ups. The PX50 has restored his biceps function fully, to the extent that he cannot even tell that it was ever injured.