

Placental Tissue Matrix
Skye Biologics PX50®

Case Report
August 26, 2016

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Problems

Back pain and toe pain

Intro

On April 20, 2016, a 34-year-old male presented with low back pain associated to a bulging disc around L4 that had been diagnosed six years ago. He also reported constant pain in his right great toe from an old fracture.

Patient was examined by Shawn Tierney, DC, RMSK Musculoskeletal Sonologist, using a GE R6 B-mode ultrasound using 8 to 13MHz high frequency GE 12L linear transducer and a 2 to 5.3MHz 4C curvilinear transducer. The ultrasound exam revealed:

1. Capsulitis of the bilateral L4-L5 L5-S1 lumbar facet joints, irritating the overlying nerves
2. Effusion and chronic capsulitis related to old trauma in the right 1st metatarsophalangeal joint and proximal interphalangeal joint

Treatment

Patient was initially treated in April with injections of 0.5 cc .5% Ropivacaine in the spinal and toe joints, for diagnostic confirmation. With the goal of long-term pain relief and regeneration to the patient's low back, patient was chose to obtain injections of Skye Biologics Placental Tissue Matrix Allograft, PX50® in June 2016.

On June 3, 2016, 1 cc .5% Ropivacaine was mixed with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft, PX50®, and injected into the right 5th metatarsophalangeal joint, the bilateral L4-L5 and L5-S1 lumbar facet joints.

Follow-up

On August 22, 2016, 10 weeks after the injection, patient reported that his "back felt great," and he had progressed well through the exercises in physical therapy. He reported major relief in his toe pain as well.