

Placental Tissue Matrix  
Skye Biologics PX50®

Case Report

July 23, 2016

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Diagnosis

Left knee pain

Intro

Patient is a 62 year-old female who presented on November 19, 2015, complaining of right knee pain. She noted swelling in the left knee around the patella, and the knee creaked and caused the worst pain when she descended a flight of stairs. She moved into a one-story home to minimize her knee pain.

Using a B-mode ultrasound with 8 to 13MHz high frequency GE 12L linear transducer, Dr. Tierney performed a diagnostic exam, which revealed the following:

1. Calcific tendinosis of the left quadriceps tendon
2. Tendinosis of the left semimembranosus insertion
3. Partial tearing of the left posterior cruciate ligament

She was recommended to receive the Skye Biologics Placental Tissue Matrix Allograft to the left quadriceps tendon posterior cruciate ligament and semimembranosus tendon.

#### Treatment

Under ultrasound guidance, a needle was guided to perform a percutaneous tenotomy on the left quadriceps tendon and inject the left semimembranosus tendon with 0.5 cc .5% Ropivacaine with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft, PX50®. The knee was subsequently taped for 14 days and patient instructed to avoid weight bearing on the right leg for 10 days.

#### Follow-up

In July 21, 2016, 8 months after the injection, patient reported she had major relief from the PX50®, as her pain and knee instability had completely resolved. Patient was now able to run down the stairs and play with her grandson without experiencing pain.