

Placental Tissue Matrix
Skye Biologics PX50®

Case Report

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Diagnosis

Right lateral epicondylitis

Intro

On February 18, 2016, a 42-year-old male presented with pain in the right elbow from playing competitive tennis. He wanted to get back to competitive tennis, but did not want surgery. He rated his pain at 5/10 at worst and 3/10 on average.

Diagnosis

The patient's MRI revealed a low-grade partial tear of his elbow extensor.

Dr. Tierney used a B-mode ultrasound with 8 to 13MHz high frequency GE 12L linear transducer to perform a diagnostic exam. The ultrasound revealed a 50% thickness 25% width tear of the right lateral epicondyle extensor bundle, most clearly identified with flow of fluid into the space with diagnostic injection.

PX50® Treatment

On February 18, 2016, 0.5 cc .5% Ropivacaine with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft, PX50®, was injected into the right lateral epicondyle extensor bundle.

Follow Up

On March 16, 2016, one month after the injection, the pain had reduced slightly, to 4/10 at worst and 1/10 on average. On May 11, 2016, three months after the injection, the pain reduced again to 2/10 at worst and 0/10 on average. On June 14, 2016, four months after the PX50® injection, the patient reported that he had no pain on average, and 1/10 at worst, only after squeezing the hand or extending the elbow. The ultrasound revealed healing of the tear of the right lateral epicondyle extensor bundle. He is grateful to return to playing tennis as a result of the PX50® treatment.

Figure 1. Reduction in Self-Reported Pain on a 1-10 Scale, before and after PTM Placental Tissue Matrix

Level of Pain	Pre- PX50®	Post- PX50®
	2/18/17	6/14/17
Average Pain	3	0
% Reduction in Pain	100%	