

Placental Tissue Matrix  
Skye Biologics PX50®

Case Report  
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## Case

### Bilateral Hand Osteoarthritis

#### Introduction

On July 20, 2016, a 67-year-old female presented with pain in the right wrist for one year. She had no lasting relief from prior cortisone injections, but her daughter had referred her to try some of the placental matrix before reverting to surgery. She had scheduled surgery in her hometown in South Africa in September.

#### Diagnosis

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. His ultrasound exam revealed partial tearing and tendinosis of the right abductor halicus tendon splits, consistent with De Quervain's Tenosynovitis.

#### Treatment

0.5 cc .5% Ropivacaine was mixed with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft, PX50® and a percutaneous tenotomy was performed on the right abductor halicus tendon and the radial styloid, and subsequently infiltrated with the remaining solution of PTM and Ropivaciane.

#### Follow-up

On September 8, 2016, patient called her daughter from South Africa and reported - through her daughter - that she no longer had pain, and she was very grateful for the procedure. She reported wishing that the regenerative services were available in South Africa, because she had many friends she would refer. She had cancelled her surgical procedure in September.

#### Results

Figure 1. Patient's Self-Reported Pain on a 1-10 Scale, before and after receiving PX50®

Level of Pain	Pre- PX50®	Post- PX50®
	7/20/16	9/8/16
Average Pain	5	2
% Reduction in Pain	60%	