

Placental Tissue Matrix  
Skye Biologics PX50®

Case Report

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## Diagnosis

Cervical Facet Joint Capsulitis and Hypertrophy at L4-L5

## Intro

On April 13, 2016, a 63-year-old female presented with chronic neck pain and limitation with rotation. Her pain was rated at 8 out of 10, causing her pain and stiffness on a daily basis.

She was examined by Shawn Tierney, DC, RSMK 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 capsulitis of the bilateral C2-C3 C3-C4 C4-C5 C5-C6 cervical facet joints. It also revealed capsulitis of the bilateral 1st and 4th costotransverse joint, irritating the overlying nerves.

## Treatment

0.5 cc .5% Ropivacaine was mixed with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft, PX50® and injected into the bilateral C2-C3, C3-C4, C4-C5, and C5-C6

cervical facet joints. Subsequently, the overlying nerves were hydrodissected under ultrasound guidance with a solution of 8 cc saline, 1 cc lidocaine and 1 cc dextrose.

#### Follow-up

On April 18, 2016, four days after the injection, of PX50<sup>®</sup>, the patient reported that she had no pain. She further explained that her neck no longer gave her a catching sensation when she turned it, and her head felt much lighter.

On June 15, 2016, two months after the injections, she reported that her neck still did not hurt at all, and she had full range of motion.

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

Level of Pain	Pre- PX50 <sup>®</sup>	Post- PX50 <sup>®</sup>
	4/13/16	6/15/16
Average Pain	9	0
% Reduction in Pain	100%	