

Placental Tissue Matrix
Skye Biologics PX50

Case Report
June 6, 2016

Shawn Tierney, DC, RSMK Musculoskeletal Sonologist
Carol Hanselman, RNP
Rome Walter, DO

Diagnosis

Low Back Pain, Lumbar Facet Joint Hypertrophy at L4-L5, Lumbar radiculitis

Intro

In April 2016, a 58 -year-old male presented with chronic low back back pain and radiating numbness down both legs. He had several procedures with a neurologist, but felt his pain was worsening. While searching online for a provider who may do hyaluronic acid injections in the spine, he found the ultrasound guided regenerative branch of Summit Family Medicine.

The patient was examined by Dr. Shawn Tierney, DC, RMSK Musculoskeletal Sonologist. The ultrasound exam revealed lumbar facet joint hypertrophy at L4-L5. For diagnostic confirmation, 0.5 cc .5% Ropivacaine was injected into the bilateral facet joints of L4 and L5 of the patient's low back.

Immediately after the injection, patient was able to appreciate relief of pain, and he reported notably decreased numbness to his legs.

The patient was asked to return one week later to evaluate his response after the Ropivacaine wore off.

On April 28, 2016, the patient reported that his leg had worked normally since he got out of bed, and the sensation was much improved.

Treatment

Under ultrasound guidance, 0.5 cc .5% Ropivacaine with 0.5 cc Skye Biologics Placental Tissue Matrix Allograft was injected into the bilateral facet joints of L4 and L5 of the patient's low back.

Follow-up

On June 6, 2016, eight weeks after the injection, the patient reported 40% relief of pain in the back. He admits that he stood a lot while in Germany, which may have set him back a bit, and he wants a repeat procedure as soon as possible, to try to gain additional improvement.

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®
	6/22/2016	8/22/2016
Average Pain	1	1
% Reduction in Pain	0%	