

XoLife 5:1 Exosomes

Case Report

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Diagnosis

T5 fracture causing spinal cord impingement and bilateral lower limb paralysis

Intro

On November 18th, 2017, a 22-year-old male presented with paraplegia two months status post surgical stabilization of the T5-T6 vertebral body fractures from a motorcross accident in September 2017. Through Dr. Tierney's musculoskeletal ultrasound diagnostic exam, it was found that there was fracture of T5 -T6 body vertebral body fracture, which was impinging spinal cord and causing paralysis of lower limbs.

Treatment

Intrathecal injection was performed in a sterile field under ultrasound guidance; the probe and area were prepped with Prevantics chlorhexidine and alcohol solution. Needle was placed under ultrasound guidance and 3 mL of XoLife Exosomes 5:1 concentration was injected at spinal cord T5 level through dura.

Follow-up

Immediately after procedure, patient had sensation in feet, which was described as "like someone was squeezing them." Post procedure,

patient continued to progress. The treatment was performed an additional two times on December ____ and February 18, 2018. After 2nd intrathecal injection, patient gained full movement in left foot, and after the third injection, patient was able to walk with assistance of a brace and crutches. Patient continues physical therapy and will follow up in 6 months as needed.

Figure 1. Level of Change from XoLife Exosomes Procedure

Level of Change	Pre XoLife Exosomes	Post XoLife Exosomes
	11/18/2017	02/18/2018
Sensation/ Feeling in Lower Limb	0	10
% Sensation regained	100%	
Motor function of Lower Limbs	0	5
% Motion regained	50%	