

09/06/2019

Case Report

A 73 y.o. patient, right handed, diagnosed with Diabetes Mellitus Type 2, Peripheral Polyneuropathy and Obesity, visited my clinic on 20/09/2018 after complaining about pain, numbness and tingling in both hands for a long period of time.

The patient was recommended by another Hand Surgeon to undergo a Carpal Tunnel Release, but the patient declined the recommendation and asked for other solutions.

The findings of the physical examination were: A decreased sensation in all fingers without muscles degeneration. Tinel Sign was positive on both sides and Phalen Test was negative.

EMG & NCV at 10/10/2018:

Median Nerve RT MDL 6.2 SDL NR, LT MDL5.7 SDL NR.

Ulnar Nerve CV Above-Elbow RT 47.2 m/s, LT 41.4 m/s.

Findings compatible with motor and sensory polyneuropathy.

The patient began treatment with Ultrasound device BRH Activessel, twice a week, 30 minutes each time.

EMG & NCV at 16/01/2019:

Median Nerve RT MDL 6.1 SDL NR, LT MDL5.0 SDL 5.3.

Ulnar Nerve CV Above-Elbow RT 45.8 m/s, LT 48.8 m/s.

The patient was still complaining about numbness but the pain was gone. He continued treatment with Ultrasound device.

EMG & NCV at 28/05/2019:

Median Nerve RT MDL 7.2 SDL 6.7, LT MDL 4.3, SDL 4.4.

Ulnar Nerve CV Above-Elbow: Normal values.

The pain and numbness disappear in his both hands.

In summary, the patient received 30 treatments with Ultrasound device BRH Activessel, twice a week, 30 minutes each, and feel much better.

The patient was a candidate for a surgery in the past but according to his latest results he is not now a candidate for hand surgery.

My best regards,

Shaul Goldsztein M.D.

Director of Hand Surgery

Bnai Zion Medical Center

Haifa-Israel

ד"ר גולדשטיין שאול
מומחה בכירורגיה אורתופדית
ר.מ. 26137 מ.ו.מ"מ 15149
מומחה בכירורגיה של היד
מס' רו"מ 17460

Saul Goldsztein M.D

Orthopaedic surgeon & Hand Surgeon License 17460

Avital 1, Nofit Israel Cell-Phone:058-5726595