



# NeuroSpinal Function Index Report

Wednesday, July 27, 2011

## Patient Information

First Name : ██████  
Patient ID : ██████  
Height :

Last Name : ██████  
Gender : FEMALE  
Birth Date : ██████

## Office Information

Doctor : Dr. Daniel Lonquist  
Address : 755 North Ave Suite B Grand Junction CO 81501  
Phone : 970-257-9199

Email : drl@bthwc.net

On 7/26/2010, ██████ underwent a series of physical assessments to determine the state of health of core neurological and spinal functions.

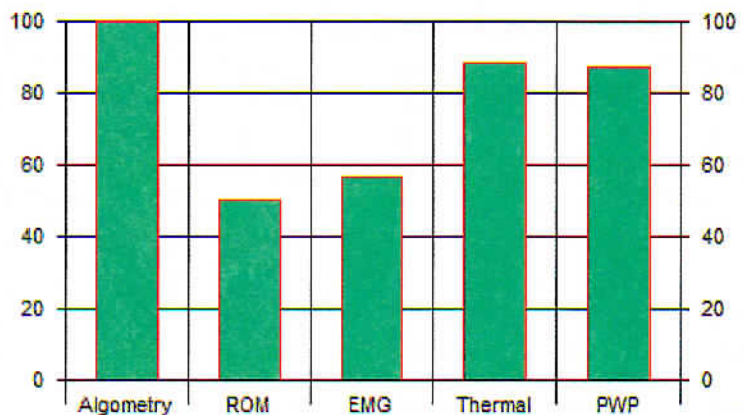
The overall results of these tests are summarized in a single index which quantifies Neurospinal functions.

**NeuroSpinal Function Index: 76.90**



The graph below describes the results from each of the exams performed, and the following page details the exam protocols and results.

**Exam Score Summary**





### **Algometry(Pain Mapping): 100.00**

If there was tenderness felt along your spine or if you were suffering from pain when you consulted the doctor, an Algometry (pain mapping) exam was performed to produce a comprehensive map of the pattern of pain along your spine. This test measures the sensitivity of various locations to pressure.



### **Range of Motion: 50.00**

The Range of Motion exam measures the amount of movement in regions of your spine. This exam identifies areas of restricted motion, and shows if one side moves better than the other. Your ranges of motion can also be compared to established normal values. This part of the exam helps your doctor find areas of altered spinal mechanics.



### **Surface EMG: 56.77**

The Surface EMG exam evaluates the function of the muscles that support your spine. These muscles are controlled by nerves. This test shows the pattern of how energy is distributed through these muscles. The exam helps identify areas and patterns of abnormal tension and stress. By precisely measuring muscle activity, your progress can be followed as your care progresses.



### **Thermal Scan: 88.43**

The Thermal Scan is used to assess the part of your nervous system that helps to control your organs, glands, and blood vessels, the autonomic system. The instrument does this by precisely measuring differences in temperature along the spine. Since proper function of your organs, glands, and blood vessels is essential to healing and living well, this test gives your doctor a 'snapshot' of how this portion of your nervous system is working and how it is responding to care.



### **Pulse Wave Profiler: 87.40**

The PWP or Pulse Wave Profiler helps the doctor to determine your overall ability to adapt to the environment. It does this by looking at the timing of your pulse, and determining the balance and tone of your nervous system. This exam is known as heart rate variability. Proper balance and tone are associated with better adaptability and a healthy lifestyle. Low heart rate variability is associated with aging and poor heart health. Published research has shown that chiropractic adjustments have a beneficial effect on heart rate variability.

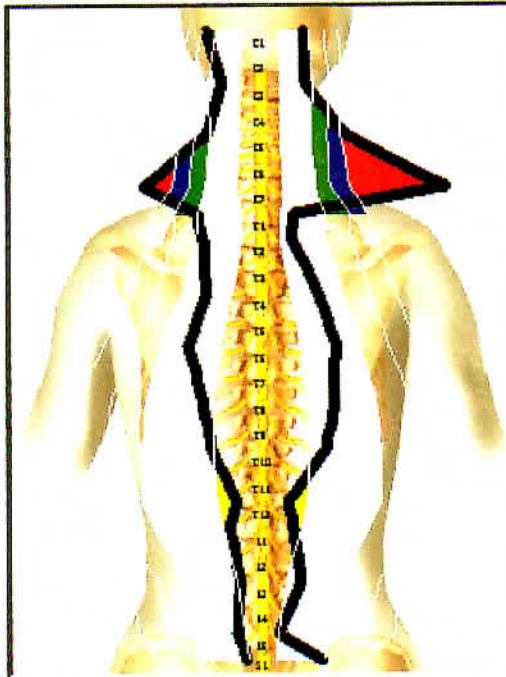
Patient Name: [REDACTED]  
 Patient Number: [REDACTED]  
 Patient Identifier: [REDACTED]

Practice Name:  
 Practice Address:

Dr. Daniel Lonquist  
 755 North Ave  
 Suite B  
 Grand Junction, CO

Static EMG Scan Pattern Graph on (7/26/2010 10:52 AM)  
 Position: Seated Action: Neutral

+1 +2 +3



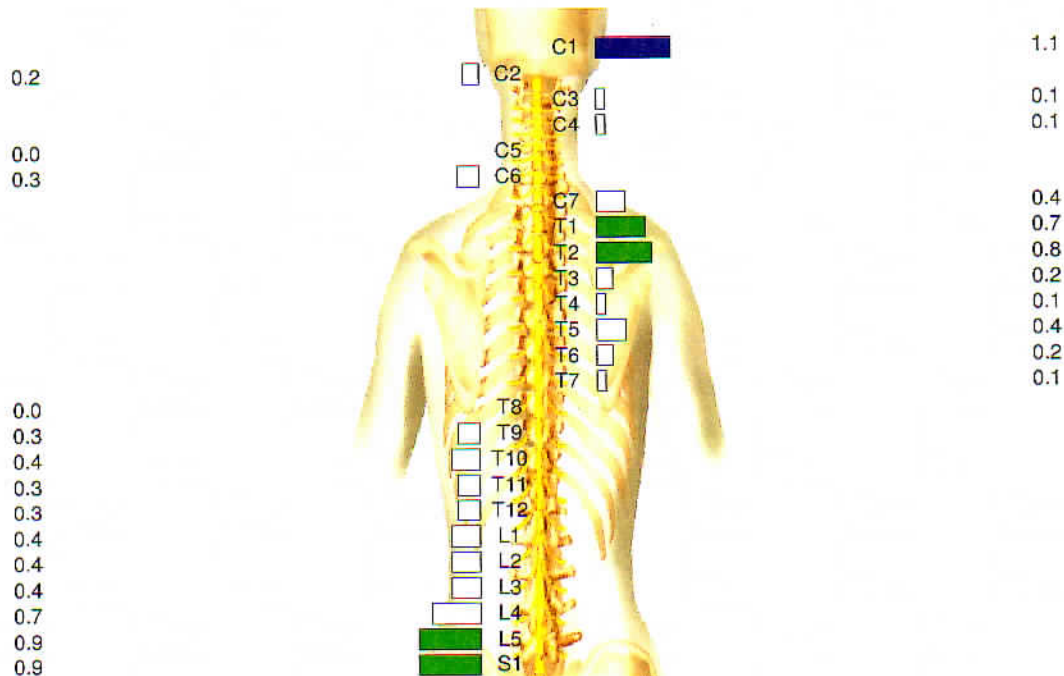
Pattern:  
 57.43

Symmetry:  
 71.54

Total Energy:  
 197.49

Rolling Thermal Scan NCM Bar Graph on (7/26/2010 11:05 AM)  
 6 degrees Fahrenheit

+1 +2 +3



Patient Name:  
Patient Number:  
Patient Identifier:



Practice Name:  
Practice Address:

Dr. Daniel Lonquist  
755 North Ave  
Suite B  
Grand Junction, CO

HRV Frequency Domain Analysis on (7/26/2010 10:52 AM)

### Autonomic Activity Diagram

Autonomic Activity Index: 85.04  
Autonomic Balance Index: 91.79(S)

