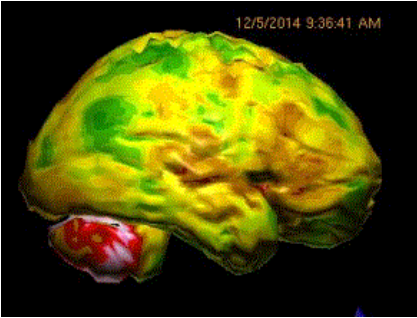


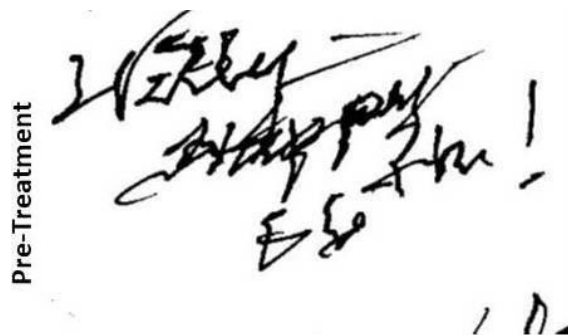
Patient 302:

63 yo female with Parkinson’s disease with 6 years duration. Patient was currently taking Sinemet at a dose of 25/100 distributed 4 times during the day.

<i>Before Treatment</i>		SPECT Scan
Headache		
Hyperarousal		
Sleep disturbance	✓	
Memory Problems		
Cognitive Problems		
Balance Problems	✓	
Depression		
Anxiety	✓	
Suicidal Ideation		
Irritability		
Tremor	✓	

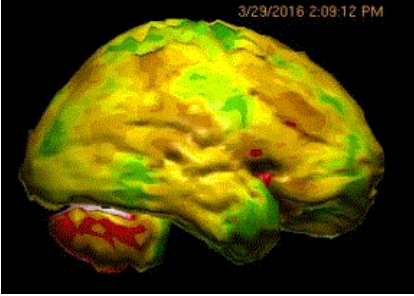
Gait & Balance: Patient was unable to walk on a balance beam. Patient could not maintain position on a mini-trampoline when gently pushed. Gait was slow with slightly reduced arm movement.

Tremor: Tremor was notable with writing and at rest.



Patient received 26 treatments with Multi-Watt Infrared Laser over approximately 13 weeks. She returned after 6 months to have a second course of 10 treatments.

After treatment, the patient reported improved gait and reduced balance issues. She was able to walk on a balance beam to 6 feet. Ability to maintain position on a mini-trampoline was much better. Gait was more free with swinging of the arms. She greatly reduced her dose of Sinemet and her neurologist took her off of Sinemet after the second treatment course.

<i>After Treatment</i>		SPECT Scan
Headache		
Hyperarousal		
Sleep disturbance		
Memory Problems		
Cognitive Problems		
Balance Problems		
Depression		
Anxiety		
Suicidal Ideation		
Irritability		
Tremor		

Post-Treatment
*Willy -
 Happy
 66th!*

Additional Quantitative Measures of Treatment Response (out of 17 measures)