

Patient 007

**NEURO-LUMINANCE**  
**BRAIN HEALTH CENTERS**      Denver  
*Illuminating pathways to a Healthy Brain*      855-978-0808  
 Neuro-Luminance.com

**Patient 007:**

55 yo male with history of TBI as a result of being struck by a motor vehicle while serving in active military duty. Patient was in a coma for 8 weeks and in rehabilitation for 4 months. He was scanned and treated 30 years after the accident.

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

**Patient received 20 treatments with Multi-Watt Infrared Laser over approximately 9 weeks.**

After treatment, the patient was able to speak. He reported feeling much better – no longer had headaches, sleep disturbance, balance problems, or irritability. He reported he felt less anxious.

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

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

