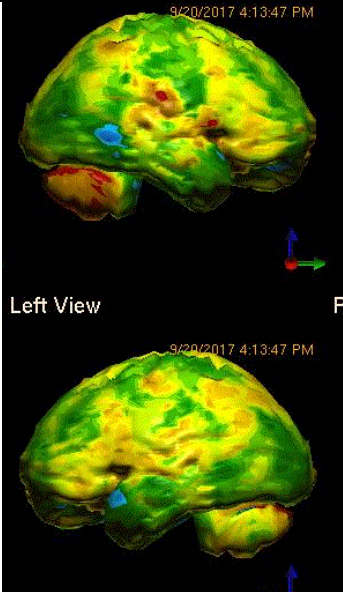


Patient 010

NEURO-LUMINANCE
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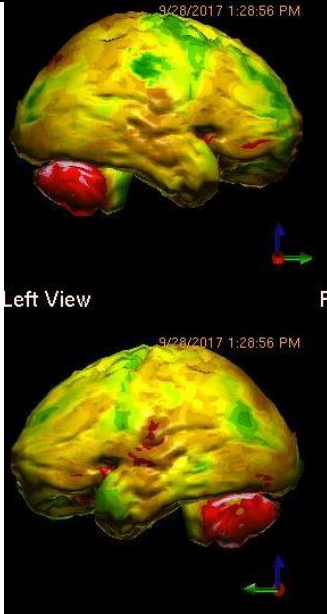
Patient 010:

23 yo male with history of TBI resulting from a motor vehicle accident. Patient had severe headache, light sensitivity, and was unable to attend school. Patient had to drop out of college and spent 6 months in the basement of parents' house. Patient was scanned and treated 18 months after the injury.

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

Patient received 20 treatments with Multi-Watt Infrared Laser over approximately 10 weeks.

After treatment, the patient reported marked subjective improvement. Headache and photosensitivity resolved. Patient was able to return to college.

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

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

