

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

**Patient 202:**

28 yo male with history of long-standing depression which had failed to respond to antidepressants, antipsychotics, and lithium. Patient had been depressed for over 11 years and was often suicidal.

<i>Before Treatment</i>		<b>Depression Measures</b>
Headache		Zung Depression Scale = 56/80 (Severe)
Hyperarousal		
Sleep disturbance	✓	
Memory Problems		Quick Inventory of Depression Symptoms = 14/27 (Moderate)
Cognitive Problems	✓	
Balance Problems		
Depression	✓	Beck Depression Scale = 30/60 (Moderate)
Anxiety	✓	
Suicidal Ideation	✓	
Irritability	✓	

**Patient received 14 treatments with Multi-Watt Infrared Laser over approximately 5 weeks.**

After treatment, the patient reported feeling much better. He still has some social anxiety.

<i>After Treatment</i>		<b>Depression Measures</b>
Headache		Zung Depression Scale = 42/80 (Moderate)
Hyperarousal		
Sleep disturbance	✓	
Memory Problems		Quick Inventory of Depression Symptoms = 0/27 (Non Significant)
Cognitive Problems		
Balance Problems		
Depression		Beck Depression Scale = 10/60 (Mild to Non Signif.)
Anxiety	✓	
Suicidal Ideation		
Irritability		