

*Since 1967 over 100 phase III, randomized, double-blind, placebo controlled, clinical trials (RCTs) have been published and supported by over 1,000 laboratory studies investigating the primary mechanisms and the cascade of secondary effects that contribute to a range of local tissue and systemic effects.*

*The mechanisms by which LLLT works is discussed in this document by Michael Hamblin:*  
<http://www.photobiology.info/Hamblin.html>

*and in the following video:*  
<http://www.youtube.com/watch?v=7DdxPWmQPHk>

### **What Research Has Been Done in the Area of LLLT?**

*Over 3,000 studies have been completed in the use of LLLT and with the increasing interest in this technology, many more studies continue to be conducted.*

There has been considerable research into the effects of LLLT (see link below and [https://scholar.google.co.uk/scholar?q=lllt+therapy+research&hl=en&as\\_sdt=0&as\\_vis=1&oi=scholar&sa=X&ved=0ahUKEwidkai28dXPAhVKK8AKHeF4CyEQgQMIHDAA](https://scholar.google.co.uk/scholar?q=lllt+therapy+research&hl=en&as_sdt=0&as_vis=1&oi=scholar&sa=X&ved=0ahUKEwidkai28dXPAhVKK8AKHeF4CyEQgQMIHDAA))

[How Photons Modulate Wound Healing Via the Immune System](#)

[The NASA Light-Emitting Diode Medical Program](#)

[NASA Light Emitting Diode Medical Applications](#)

[The Potential of Light Therapy for Central Nervous System Injury and Disease](#)

[Biphasic Dose Response in Low Level Light Therapy](#)

[Mechanisms of Low Level Light Therapy](#)

[Vibrational Healing with Light Emitting Diodes](#)

[Mechanisms of Low Level Light Therapy](#)

[Low Level light therapy of the eye and brain](#)

[Changing Patterns in the Epidemiology of Traumatic Brain Injury](#)

[Brain Injury Facts - International Brain Injury Association](#)

[Facts About Traumatic Brain Injury](#)

[Transcranial Low Level Laser Therapy Improves Neurological Performance...](#)

[Photobiomodulation and the brain: a new Paradigm](#)

[Transcranial Low-Level Laser Therapy Improves Neurological Performance](#)

