

# Low-Level Laser Therapy for Pain & Common Injuries

**Brett Jarosz**

Guest Lecturer

Not all light is equal. Discover the difference that transforms patient outcomes.  
A hands-on laser therapy masterclass.



MELBOURNE

14 March

AUCKLAND

25 July

SYDNEY

19 September

## About the Seminar

Many practitioners are confused about lasers, LEDs and photobiomodulation therapy (PBMT). Is there a difference between the various types of light sources (lasers and LEDs) used for PMBT? What about high-power vs low power? Do different coloured lights - violet, or red, or infrared – have the same effects?

In this seminar we will bring clarity to the confusion surrounding lasers and LEDs, high power vs low power, as well as red vs violet (visible light) vs infrared lasers. Dr Brett Jarosz will be demonstrating easy to implement, evidence-based protocols for pain and injury management utilising the Erchonia lasers, that can create positive responses quickly.

## Learn About

1. Scientific Mechanisms of LLLT
2. Wavelengths & Mitochondria
  - Photochemical vs. Photothermal
  - Mitochondrial Diseases
  - Impairment of the Electron Transport Chain & Mitochondrial Function
  - Wavelengths and the Electron Transport Chain
  - Specific Wavelength Effects (Violet vs Green vs Red vs Infrared)
3. Importance of Coherence
  - Laser vs LEDs
4. Power vs. Energy
  - Wattage vs Electron Volt
  - Biphasic Dose Response (Hormesis)
5. FDA clearances
  - ILY vs NHN
  - Pain – Red Wavelength
  - Pain – Violet & Red Wavelength
  - Antimicrobial Effects – Violet Wavelength
  - Fat Loss - Green Wavelength
6. Evidence-based clinical applications for pain and injury management utilising Erchonia Lasers (LLLT)
  - Neck Protocols
  - Upper Extremity Protocols
  - Low Back Protocols
  - Lower Extremity Protocols
  - Advanced protocols (Including, but not limited to):
    - Transcranial (Brain) Protocols
    - Vagal Nerve Stimulation
    - Scar Tissue Protocol
    - Peripheral Neuropathy Protocol
    - Balance / Postural Control Protocol
  - You will be shown evidence-based basic and advanced protocols that Brett Jarosz has been utilising on professional athletes, and everyday people with chronic injuries or illness. You will learn both basic and advanced protocols so you will be able to implement them on Monday morning.

Only 30 Spots Available. Register now at [www.rehacare.com.au/events/](http://www.rehacare.com.au/events/)



1300 653 522



info@rehacare.com.au



www.rehacare.com.au