

# PRACTITIONER (PBMT) INDUCTION COURSE



## PHOTOBIMODULATION THERAPY CLASS 4 & 3b LASER



Australian Institute  
of Laser Therapy

TRAINING LOCATION | TOK Corporate Centre  
Level One / 459 Toorak Rd, Toorak 3142 Victoria

# LASER PHOTOBIO-MODULATION THERAPY PRACTITIONER (PBMT) INDUCTION COURSE



**If you are expecting better results than those, that others have obtained, do not walk down the path they did**



**Albert Einstein**

With advances in biomedical knowledge, the complexity of the biological systems that serve various functions, has become more and more evident and consequently our view of homeostasis has become more comprehensive, to a point where other possibilities or integrated approaches to assist in maintaining the equilibrium that sustains health and physical function, becomes the priority.

Scientific evaluation of photobiological and photochemical responses to light has demonstrated that oscillating laser light at specific frequencies can flow throughout an open biological system and create short lived fields of oscillation that can adjust or change spontaneously, to re-instate biological coherence in other parts of the living system.

Reactive-depressive emotional states can also develop if a person's health or chronic pain fails to improve and they become more and more frustrated with their lack of response to conventional medical treatment, physical therapy and medication.



**Australian Institute  
of Laser Therapy**

# DAY 1 SATURDAY

## 10 am Start

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- Examine Light -Induced Chemical Reactions in Biology
- Principles of Photomedicine and Laser Physics and Dosimetry
- Relevance of Correct Treatment Application, Protocols & Contraindications
- The Effects of Continuous Beam or Pulsed Beam on the Living Tissue Matrix
- Needle Free Stimulation of Acupuncture and Dry Needling Points

## 11 am - 11.15 am Morning Tea Break

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- Differences and Effects of Class 4 and Class 3b PBM Therapy Laser Devices
- Are Anti-inflammatory Effects of Photobiomodulation Equivalent to Drugs
- Effects of PBM Therapy on Muscle Function & Physical Coordination
- Benefits of PBM Systemic Support for Chronic Disease and Sports Recovery

## 12.15 pm - 1.30 pm

### Class 4 and Class 3b Laser Practical Group Workshop

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## 1.30 - 2.15 pm Lunch Break

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## 2.15 pm Start

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- Overview of PBM Influences on Collagen & Elastic Fibre Regeneration
- Effects of Pulsed Laser Light on 2nd & 3rd Degree Burns
- Non-Invasive Facial Rejuvenation with Laser PBM Therapy
- DERMATOLOGY Visual CASE STUDIES

## 3.30 - 3.45 pm Afternoon Tea Break

## 3.45 pm - 4.45 pm Practical Group Workshop

### Meta-Analysis of PBM Tissue Healing Research

5 pm Close

# DAY 2 SUNDAY

## 10 am Start

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- Successful Management of Repetitive Stress Injury (RSI) with PBM
- Fibromyalgia Response to PBM as a Supplementary Treatment Modality
- Effective Photobiomodulation of post Herpetic Neuralgia
- Anti-Inflammatory Effects of PBM in Joints and on Joint Mobility
- Effective Treatment of Acute Lower Back Pain and Radiculopathy

## 11 am - 11.15 am Morning Tea Break

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- Post Operative Recovery and Lymphoedema Reduction
- PBM for Shoulder, Arm and Hand Injury and Disability
- Non-Invasive PBMT Following Spinal Disc Prolapse
- Nerve Preservation and Regeneration of Peripheral Nerve Injury

## 12.15 pm - 1.30 pm Practical Group Workshop

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## 1.30 pm - 2.15 pm Lunch Break

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## 2.15 pm Start

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### PBMT Support for COVID-19 Recovery

#### Case Report Discussion of:

- Reduction of Inflammation, Infection & Dyspnoea
  - Photobiomodulation of Immune System & Tissue Regeneration
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- Improved Blood Oxygen Levels & Lung Function

## 3.30 -3.45 pm pm Afternoon Tea Break

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## 3.45 pm - 4.45 pm Practical Group Workshop

## Closing Comments from Tina Czech 5 pm End