

## *Photobiomodulation*

*A Few Millijoules of Prevention is Better than 10mg of Cover-Up*

**Instructor: James Carroll**

**Format: Live Virtual Online Lecture**

### **Course Description:**



This 8 credit hour virtual online course teaches "first principles" of Photobiomodulation (PBM) commonly referred to in the past as Low Level Laser (Light) Therapy (LLL) which has also been referred to as Phototherapy or Photomedicine. With today's opioid crisis, managing pain and enhancing the healing process without the uses of drugs or narcotics has never been more important. Topics discussions and demonstrations activities include the science, research, and clinical applications of PBM in today dental and systemic healthcare. The primary focus is on how light absorption effects tissue and the cascading of intracellular and extra cellular effects leading to physiological changes and enhanced clinical outcomes.

Discussions will focus on the science and clinical evidence on the role of PBM for the management of inflammation, edema, dental specific pain, joint pain, wound healing, and tissue regeneration. The goal is to obtain a knowledge matrix that is a simple model for understanding PBM's mechanism of action, clinical effects and treatment methods.

The course content is designed for all dental and medical professionals.

### **Learning objectives:**

- Understanding the value that a properly implemented PBM patient care program brings to everyday oral health care.
- How to develop the appropriate workflow to efficiently provide PBM care routinely to patient care.
- How to present PBM's benefits and procedures to patients and properly and efficiently document the PBM treatments and discussions in the patient's clinical record.

### **Instructor:**

James Carroll, the course instructor is considered one of world's foremost authorities on Photobiomodulation and has given courses on PBM all around the globe. He has over 30 years of experience with PBM and presented to both the United Nations and the US Congress on the role and value the PBM has in enhancing dental and systemic healthcare. He is the Co-chair of the annual Biomedical Optics Society conference on PBM Mechanisms and a Board Member World Association for PBM.

### **Course Registration:**

Register on AIM's website at [www.DentalAIM.org](http://www.DentalAIM.org) or  
Send an email to [Education@DentalAIM.org](mailto:Education@DentalAIM.org) with any questions.

**2021 Dates & Times:** All courses are from 11am to 7pm Eastern Time

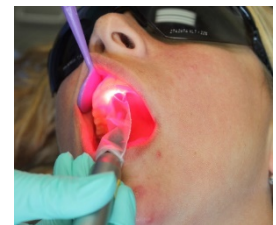
January 14,2021

February 18,2021

March 18, 2021

April 22, 2021

May 17, 2021



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