

“Shedding Light on Photobiomodulation”

Domain IV – Therapeutic Intervention

Skill Level – Essential

As technology evolves, the availability of new practice modalities utilizing varying levels of photobiomodulation have gained popularity in recent years. It is generally accepted that photobiomodulation is beneficial to patients, but many clinicians lack understanding of the basic science, application, and treatment parameters. This presentation aims to shed light on the basics of photobiomodulation and low level laser therapy.

Learning Objectives

1. Identify indications, contraindications and precautions for therapeutic low level laser applications.
2. Describe basic mechanisms of action photobiomodulation produces at a cellular level for therapeutic benefit.
3. Discuss differences between broad photobiomodulation application and low level laser therapy on athletic injuries and pain.