

Understanding Photobiomodulation Therapy

Light therapy, in its modern form, has been in use for decades and is trusted by hospitals, clinics, professional athletes, sports institutions and even NASA.

Biophotonica

Photobiomodulation (PBM) therapy dates back to the practice of healing by sunlight documented well over five centuries ago. Research and technology has since come a long way, and by focusing exclusively on the use of red and near-infrared light, we capture the benefits and leave the risks in the past. 5,000+ studies spanning 40 years verify the science, clinical value, and overall benefits of PBM therapy. By employing either laser or LED technology to produce the clinically proven wavelengths of light, high quality PBM products should possess the following characteristics in order to produce desired results:

- Froducts should utilize the wavelengths that have been studied and have proven effective.
- **DOSAGE** Light should be delivered at useful intensity levelsy (light density) for correct and safe dosages.
- PULSING Added pulsing features for each light band.
- **USER INTERFACE** Treatment protocol libraries that personalize the technology to a user's exact conditions to ensure a thorough application of light.

