

Core Strategies for Systemic Inflammation & Chronic Pain
Dr. Andre J. Camelli, DC
4 Hour

Registration 8:30am

9:00-10:00am Intro to basic laser and basic physiology of photobiomodulation.

Understanding Dysfunctional Mitochondria,
Increased Oxidative Stress, Accelerated Aging, LLLT Role in improving the function of
Mitochondria.

10:00-11:00am Basic evaluation, anatomy, and neurology of laser applications for FDA clearance on low
back pain.

Basic evaluation, anatomy, and neurology of laser applications for FDA clearance on
plantar fasciitis, chronic heel and foot pain.

11:00-11:15am Break

11:15-12:15pm Low back pain & Neck treatment demonstration.

Review the FDA clearance study on low back pain including patient positioning on the
treatment table, laser frequency, duration, and positioning.

Plantar fasciitis, chronic heel and foot pain treatment demonstrations and hands on foot
and ankle workshop.

These sections will include a review of FDA clearance study on laser placement for the
treatment on plantar fasciitis, patient placement, and discussion of dorsal pedal blood
flow, volume, and perfusion.

12:15-1:15pm Understanding Neuroinflammatory Cascades, Gliosis, and Cognitive Decline.

LLLT applications to downregulate NF Kappa
Beta and other epigenetic triggers of neurodegeneration.

Basic Violet Laser Applications and Demo

This section will discuss the differences between 635nm and 405nm
Demo will include treatment duration differences between these two.