

THE REVIEW

- A COMPREHENSIVE ANALYSIS OF TODAY'S HEALTHCARE TOPICS -

Presented by Dan Murphy, DC, DABCO & Trevor Berry, DC, DACNB
2022 Outline

Saturday

8:00 – 9:00 a.m. - Laser Physiology (Basic Sciences)

Discuss the biphasic nature of laser photon therapy, wavelength, frequency, speed of light, fluence, penetration, secondary and primary physiological influences.

9:00 – 10:00 a.m. - Low-Level-Lasers for All (Basic Sciences)

Integrating the relationship between mitochondria, free radicals, ATP, cytochrome c oxidase enzyme, and laser photon therapy

10:00 – 10:15 a.m. – Break

10:15 a.m. – 11:15 a.m. – Advanced Brain Protocols (Dr. Trevor Berry)

- Introduction to barrier systems (Leaky gut/Leaky brain), lab markers and clinical implications for CNS pathogens

11:15 a.m. – 12:15 p.m. – Basic Neurological Bedside Examination with LLLT as a Diagnostic and Therapeutic Tool (Dr. Trevor Berry)

- Basic and advanced brain protocols
- Vagal nerve stimulation protocols and barrier system repair
- Lab markers and nutrition for barrier systems
- Hands on demo CNS algorithm

12:15 – 1:15 p.m. – Lunch

1:15 p.m. – 2:15 p.m. - Neurochemistry and Related Disorders and How LLLT can be used (Dr. Trevor Berry)

- Neurological conditions and treatment applications

2:15 p.m. – 3:15 p.m. - Introduction to the neurology of pain

- Centralization of pain and PNS to CNS upstream pain LLLT algorithm
- Midline stabilization, fall prevention and balance integration
- Hands on demo for neurology of pain to set Dan up for his next 4 hours of clinical management as stated above.

3:15 – 3:30 p.m. – Break

3:30 – 4:30p.m. - Applications for Violet Lasers in a Rapidly Changing World (Basic Sciences)

- Review the evolutionary biology of the of the changes in the modern world.
- Review the literature that points out the applications of violet light therapy as an adjunct solution for these changes.

4:30-5:30p.m. – The Unique Characteristics of Violet Light Therapy (Basic Sciences)

- Clinical applications for low-level violet laser therapy
- Future applications for low-level violet light therapy

Sunday

8:00 – 9:00 a.m. - Low Back Pain Protocol (Basic Sciences)

Protocol for chronic low back pain; integrating the disc, posture, adjustment and exercise.

9:00 – 10:00 a.m. - Whiplash Protocol (Basic Sciences)

Protocol for acute whiplash; integrating controlled motion and anti-inflammation.

10:00 – 10:15 a.m. – Break

10:15 – 11:15 a.m. - Thoracic Outlet Syndrome (Basic Sciences)

Protocol for thoracic outlet syndrome; common causes, symptoms & weaknesses and treatment

11:15 – 12:15 p.m. - Temporomandibular Joint Disorder Syndrome (Basic Sciences)

Protocol for temporomandibular joint disorder syndrome; common causes, symptoms & weaknesses and treatment

12:15 – 12:30 p.m. Break

12:30 p.m. – 1:30 p.m. - Neurological conditions and case studies (Dr. Trevor Berry)

- LLLT and mirror therapies/advanced neuro rehab for complex conditions
- Trigeminal neuralgia
- Tinnitus

1:30 p.m. – 2:30 p.m. - -Case studies (Dr. Trevor Berry)

- Course review
- Closing remarks