

Advance Pediatric Practice  
Neurology, Immunology & Implementing New Modalities Into  
Chiropractic Practice

8 Hour Outline

Marc E. Funderlich Jr, DC

Course Description

With an extensive background in integrative medicine and as member of various neurosurgery teams specializing in monitoring and mapping brain and spinal cord surgeries, Dr. Marc Funderlich brings a whole new angle to the field of laser medicine. The objective in this course is to introduce doctors to key concepts in developmental neurology and immunology to lay a strong foundation of necessity. Along with this new academic knowledge, we will integrate case studies into each area of pediatric development discussed to ensure doctors understand the presentations that come into their office & have a well-defined direction on how to make a positive impact. Hands on neurologic exam procedures will be shown by Dr. Funderlich, either live or in video form from his full-time practice. Effective laboratory analysis will be taught using real life patient results along with sharing the successfully interventions used to change findings for children with autoimmune or immunologic imbalance. Attendees will leave feeling empowered to not only care for their own children's wellbeing but help the children in their practice victoriously.

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8:00-9:00am - Intro to Basic Laser & Basic Physiology of Photobiomodulation	<b>(Basic Sciences)</b>
9:00-10:00am – Introduction to Pediatric Laser Usage, versatile practice usage, safety studies	<b>(Principles of Practice/Philosophy)</b>
10:00-10:45am – Skeletal Development, growth plate safety and Case Studies	<b>(General Clinical)</b>
10:45-11:00am - Break	
11:00-12:30pm – Neurologic Development and Case Study. Neuro exam, Laser Usage during rehabilitation. (Hands On)	<b>(General Clinical)</b>
12:30-1:30pm - Lunch Break	
1:30-2:30pm – Preconception Programs, Laser usage in getting pregnant & safety in pregnancy	<b>(Population)</b>
2:30-3:45pm – Laboratory assessment and integrating laser into pediatric functional medicine practice. Case Studies	<b>(General Clinical)</b>
3:45-4:00pm - Break	

4:00-4:30pm – Bistable balance of infection, reducing infection load with EVRL. Case Studies **(General Clinical)**

4:30-5:00pm – Pediatric obesity, body re-composition & Zerona. **(Population)**

5:00-5:30pm – Using laser to expand into pediatric practice **(Population)**