2021 IACN Annual Educational Symposium

Topics in Chiropractic & Neurosciences

Using Facts, Evidence and Experience to Enhance Chiropractic Care

Presented by: International Academy of Chiropractic Neurology

Syllabus for 2021 IACN Annual Educational Symposium

The International Academy of Chiropractic Neurology is a nonprofit organization consisting of credentialed chiropractic neurologists and electro-diagnosticians seeking to continue their education and promote the neurological sciences. This symposium is an annual event structured to accomplish one of the missions of the academy.

The total number of continuing education of hours offered is 13 CEU. The outline below is structured to demonstrate the course title, instructor, and learning objectives chronologically. Instructor qualifications are maintained separately. This program will be held at Residence Inn By Marriot, Daytona Beach, Oceanfront, 3209 South Atlantic Avenue Daytona Beach Shores, Florida 32118 .

Friday, February 26, 2021

5 CEU.

1:00PM - 6:00PM

Time	**Topic/Objectives**	**Speaker**
1:00 PM – 2:00 PM (1 CEU)	***Covid-19 and the DC*** **Class Objectives:** 1. Classify types of corona viruses. 2. Itemize statistical clinical data over year 2020. 3. List measures to mitigate disease transmission.	**Joseph S. Ferezy, DC –** Dr. Ferezy will briefly review key facts related to the Covid-19 pandemic, as well as touch on strategies for chiropractic offices to cope with the “new normal”.
2:00 PM – 4:00 PM (2 CEU)	***Photobiomodulation and brain disorders*** **Class Objectives:** 1. Itemize proposed mechanism of photobiomodulation. 2. Specify how dosage is calculated. 3. List the effect of different wave lengths. 4. Compare and contrast issues regarding power, tissue and depth of penetration. 5. Recite arguments for the efficacy of photobiomodulation for various brain disorders and clinical implications.	**Amber M. Kingsley, D.C. –** Dr. Kingsley will discuss the use of light frequencies in the treatment of human neurological disease, with an emphasis on PTSD; highlighting mechanism, literature, dosage and efficacy.
4:00 PM – 6:00 PM (2 CEU)	***Clinical Applications in Neurodegenerative Disorders*** Class Objectives: 1. Itemize methods of assessment and	**J. Donald Dishman, DC -** This is a two-hour course designed to give the learner an overview of functional neurologic deficits encountered in the

	rehabilitation of balance & proprioceptive deficits. 2. Itemize methods of assessment and rehabilitation of Cognitive deficits. 3. Describe the use of Oculometrics. 4. Itemize methods of assessment and rehabilitation of Motor deficits. 5. Itemize methods of assessment and rehabilitation of Dysautonomia.	neurodegenerative patient. A review of assessment techniques for deficits in the areas of balance/coordination, cognition, motor deficits, oculomotor deficits and dysautonomia will be discussed. Techniques for rehabilitation in these areas of deficits will be thoroughly discussed.

Saturday, February 27, 2021

8 CEU

9:00AM - 6:00PM

Time	**Topic/Objectives**	**Speaker**
9:00AM – 11:00 AM (2 CEU)	***Assessing and Diagnosing Non-mTBI Complaints in Concussion Management*** **Class Objectives:** 1. List common symptoms and physical examination findings that are seen with concussions and mild traumatic brain injuries. 2. Recognize red flags and referrals needed in patients diagnosed with concussion. 3. Understand how to implement tools like the CDC's Acute Concussion Evaluation into the patient interview. 4. Understand the types of advanced imaging and diagnostic testing used for the diagnosis of concussion and pathologies that resemble concussion. 5. Concussion cases will be presented and the learner will be able to identify specific findings from the patient interview and examination that led to the diagnosis of other co-occurring pathologies.	**Felicia Danio, DC, DIBCN -** The understanding of concussion evolves constantly with more research being done on assessment, management and treatment of concussion. This lecture covers how to assess for different diagnoses in patients who are referred to the chiropractic neurologist for management of mild traumatic brain injury (mTBI). The chiropractic neurologist will be able to understand the signs and symptoms of mTBI in order to recognize red flags and "red herrings" in concussion cases. Specifics in the clinical examination, advanced imaging and diagnostic testing will be discussed to help properly diagnose, refer, co-manage and treat a concussed patient with co-occurring pathologies. A discussion will follow.

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11:00 AM 12:00 PM (1 CEU)	***Innovative and practical applied clinical neuroscience applications for ADHD patients*** **Class Objectives:** 1. Introduction to neurodevelopmental disorders and classifications. 2. The four-step approach to management 3. Sensorimotor integration techniques – Interactive Metronome. 4. Assessment of balance and posture and rehabilitation. 5. Eye movement abnormalities and implementation in protocols.	**J. Donald Dishman, DC -** This course reviews in the recognition, diagnosis and rehabilitation of those with ADHD. Learners will be able to understand the diagnostic criteria, as well as practical management of these patients. Emphasis will be placed on the application of evidence-based practical neurorehabilitation techniques in this population.
12:00 PM 1:00 PM	***IACN Luncheon***	
1:00PM – 3:00PM (2 CEU)	***TBI and Technology: Objectifying the Invisible Injury*** Class Objectives: 1. List common symptoms and physical examination findings that are seen with concussions and mild traumatic brain injuries. 2. Recognize red flags and referrals needed in patients diagnosed with concussion. 3. Understand how to implement tools like the CDC's Acute Concussion Evaluation into the patient interview. 4. Understand the types of advanced imaging and diagnostic testing used for the diagnosis of concussion and pathologies that resemble concussion. 5. Concussion cases will be presented and the learner will be able to identify specific findings from the patient interview and examination that led to the diagnosis of other co-occurring pathologies.	***Dylan M. Saulsbery, DC*** Brain injuries are hard to see which can make them hard to prove. There is a growing amount of technology out there now that is enabling us to translate what we see on examination into physiological evidence beyond our professional opinion. We will also cover what research is working on next. The class will include open discussion.
3:00 pm 4:00 pm (1 CEU)	***Cervical Manipulation and Stroke.*** **<u>Class Objectives:</u>** 1. Outline methods used and estimations of the incidence of cervical spinal manipulative therapy and subsequent vertebrobasilar ischemia.	**Joseph S. Ferezy, DC, FIACN -** The chiropractic neurologist is uniquely qualified to be the world's foremost authority on the complex issue of cervical adjustments and any relation to cerebrovascular accidents (CVA). This class is

	2. Review and discuss past and present scientific literature related to cervical spinal manipulative therapy and subsequent vertebrobasilar ischemia. 3. Define and contrast currently suggested procedures and develop a vertebrobasilar ischemia plan of action. 4. Identify and define new theoretical concepts and disease prophylaxis.	designed to thoroughly discuss the issue of Cervical Spinal Manipulative Therapy (CSMT) and subsequent Vertebrobasilar Ischemia (VBI).
4:00 pm 6:00 pm (1 CEU)	***Transcranial Magnetic Stimulation – A New Frontier in Neurologic Change*** **<u>Class Objectives:</u>** 1. Upon completion of the presentation the student will be able to list the neurological conditions that have been shown to be positively affected through the application of Transcranial Magnetic Stimulation (TMS). 2. Upon completion of the presentation, the student will be able to diagram the basic neural pathway involved in Transcranial Magnetic Stimulation (TMS) from the cortex to the effector organ/structure. 3. Upon completion of the presentation, the student will be able to engage in a theoretical discussion of the potential ways that transcranial magnetic stimulation may be added to existing treatment protocols to modulate a wide array of neurological disorders.	***Sean T. Norkus, D.C -*** A revival of research into Transcranial Magnetic Stimulation has provided clinicians of all disciplines an opportunity to further their understanding of the intricacies of both neurological pathways and plasticity. This presentation will provided an overview of the basics of TMS, a look at the anatomic and physiological changes that may occur throughout its use, and explore the conditions which may be positively influenced through its use. At the conclusion, attendees should feel comfortable with the ability to engage in a theoretical exploration of the ways that TMS may be of benefit to their patients.