Outline

Why Not Medication?
- Useful as a short-term tool
- Concerns with long-term use: Effects on the brain

ADHD and the "Immature" Brain
- Brain imaging evidence of ADHD
- Research regarding ADHD brain development
- Frontal lobes mature more slowly in the ADHD brain
- Excess theta brainwaves
- Implications for treatment

Movement-Based Strategies
- Wake up an underaroused ADHD brain
- Hyperactivity as an adaptive mechanism
- The impact of play and exercise on the brain
- Role of rhythm and timing training
- Integrated movement systems for ADHD

Frontal Lobe/Working Memory Strategic Tools
- Use it or lose it: Increase memory, attention and focus
- Games for impulse control and working memory
- Computerized cognitive training programs
- Meditation and mindfulness for ADHD
- Neurofeedback

Diet and Nutrition
- The impact of sugars, fats, proteins and water
- Diet and dopamine
- Omega 3-6-9: What you need to know for brain health
- Multivitamins/minerals: Do they make a difference?
- Gluten, food additives and pesticides

ADHD and Nervous System Overstimulation
- "Overaroused" subtype of ADHD
- Stress, anxiety and ADHD: the connection
- Breathwork and movement for nervous system calming
- Heart rate variability biofeedback
- Art therapy techniques to quiet and focus the brain

Environmental Influences
- Video games and Social Media
- Sleep deprivation
- Same symptoms as ADHD
- Strategies to help insomnia
- Environmental toxins: lead, phthalates, pollution
- The impact of time in nature on ADHD symptoms

Limitations of the Research and Potential Risks

Live Webinar Schedule
(Times listed in Eastern)

8:00 Program begins
11:50-1:00 Lunch Break
4:00 Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon).
Actual lunch and break start times are at the discretion of the speaker.
A more detailed schedule is available upon request.

Objectives

1. Evaluate the relationship between the frontal lobe of the brain and ADHD symptomology for the purpose of client psychoeducation.
2. Determine the impact of movement and exercise on the reduction of ADHD symptoms as it relates to assessment and treatment planning.
3. Employ treatment interventions for improving impulse control and working memory in clients.
4. Analyze the influence of diet and nutrition on ADHD symptoms in relation to assessment and treatment planning.
5. Develop clinical strategies to calm the nervous system of clients diagnosed with ADHD.
6. Assess the clinical implications of environmental influences on ADHD symptoms in clients.

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Not only will you walk away with information about some of the most common non-medication interventions for ADHD such as computerized cognitive training, mindfulness meditation and neurofeedback, you will also learn a variety of practical strategies that can be implemented immediately and at low cost.

We will navigate the vast research on exercise, movement, diet, sleep, disruptive technologies, supplements and the impact of the environment on ADHD, summarizing the findings and applying the information to "real life." You will leave this seminar with the tools and knowledge to develop a holistic approach to working with adults and children with ADHD.

Target Audience:

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Meet Your Speaker

David Nowell, Ph.D., is a clinical neuropsychologist in private practice in Northborough, Massachusetts. He offers consultations to patients on an inpatient rehabilitation unit and is an adjunct instructor in neuropsychology to graduate students in the Clark University psychology program. He serves as a physician advisor with the University of Massachusetts Medical School Disability Evaluation Service where he was the former clinical director of the Learning Disability Assessment Program. Dr. Nowell writes a popular blog at *Psychology Today* on motivation and time management, and speaks internationally to clinicians on such topics as executive functioning, non-medication management of ADHD, and applying findings from *Positive Psychology.*

Speaker Disclosure:

Financial: Dr. David Nowell maintains a private practice and has employment relationships with Clark University, Massachusetts Rehabilitation Commission Disability Determination Services, and Fairlawn Rehabilitation Hospital. He is a presenter with TATRA Training and receives compensation. Dr. Nowell receives a speaking honorarium and recording royalties from PESI, Inc. He has no relevant financial relationships with ineligible organizations.

Non-financial: Dr. David Nowell is a member of the American Psychological Association, the Massachusetts Neuropsychological Association, the International Neuropsychological Society, the ADHD Coaches Association (ACO), and the American Professional Society of ADHD and Related Disorders (APSARD).

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*** Please note that Speech-Language Pathologists must complete the post-test and evaluation within two weeks of attending the live event if they would like their participation submitted to the ASHA CE Registry. Detailed instructions will be provided the day of the program under the Handouts section of the online program.*

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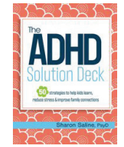
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Recommended Reading:



PUB084015

ADHD
Non-Medication Treatments and Skills for Children and Teens
Debra Burdick, LCSW, BCN
~~$29.99~~ **$22.99***



PUB086395

The ADHD Solution Deck
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