

Clinical Auditory and Vestibular Evoked Potentials

Wednesday, August 11, 2010

Speaker

Devin McCaslin, Ph.D.

ABR Course Topics

- ◆ Basics of Clinical Auditory Electrophysiology
- ◆ Anatomical Origins
 - ◆ Electrocochleography
 - ◆ Auditory Brainstem Response
- ◆ Electrocochleography Stimulus and Acquisition Parameters
- ◆ Electrocochleography Recording Techniques
 - ◆ Extra-tympanic
 - ◆ Tympanic
- ◆ Clinical Applications of the Electrocochleography
- ◆ Auditory Brainstem Response Stimulus and Acquisition Parameters
- ◆ Auditory Brainstem Response Recording Techniques
 - ◆ Neurodiagnostic
 - ◆ Newborn and Infant Audiometric Assessment
- ◆ Clinical Applications of the ABR
- ◆ Case Reports of Auditory Brainstem Response Audiometric and Neurodiagnostic
- ◆ Applications
- ◆ Anatomical Origins of Vestibular Evoked Myogenic Potentials
- ◆ Vestibular Evoked Myogenic Potential Stimulus and Acquisition Parameters
- ◆ Vestibular Evoked Myogenic Potential Recording Techniques
- ◆ Clinical Applications of Vestibular Evoked Myogenic Potentials
- ◆ Case Reports Demonstrating the Clinical Utility of the VEMP
- ◆ Practicum with ABR, EcochG and VEMP
- ◆ Questions & Answers by the Panel

ABR Course Objectives

Upon completion of the ABR portion of the workshop, the participant should be able to:

- ◆ Be familiar with the neural generators of the EcochG, ABR and VEMP
- ◆ Be familiar with the administration and interpretation of normal and abnormal EcochG, ABR and VEMP waveforms
- ◆ Be capable of establishing acquisition and recording parameters and develop customized protocols for administering EcochG, ABR and VEMP examinations.

Breakfast - Breaks - Lunch - Dinner

Your workshop fee includes continental breakfast, refreshment breaks and lunch each day. **Dinner will be on your own.**

Register Today - Limited Enrollment

Otoacoustic Emissions (OAE) Assessment

Thursday, August 12, 2010

Speaker

David Brown, Ph.D.

OAE Course Topics

- ◆ A Brief Introduction to OAEs
 - ◆ Anatomy and Physiology
 - ◆ Generation of OAEs
- ◆ Measurement and analyses of DPOAEs
 - ◆ Measurement protocols for DPOAE
 - ◆ Trouble-shooting and Practical Tips
- ◆ Measurement and analyses of TEOAEs
 - ◆ Measurement protocols for TEOAE
 - ◆ Trouble-shooting and Practical Tips
- ◆ Selected clinical applications of OAE in children
 - ◆ Hearing Screening Newborn, preschool and school-age
 - ◆ Pediatric diagnostic assessment
 - ◆ Observations from the Clinic
- ◆ Clinical applications of OAE in adults
 - ◆ Rationale and justification for OAE in adults
 - ◆ Observations from the Clinic
- ◆ Question and Answer
- ◆ Hand-on with OAE systems
 - ◆ Use of OAE screeners and diagnostic unit
- ◆ Wideband Power Reflectance
- ◆ Questions and Answers

OAE Course Objectives

Upon completion of the OAE portion of the workshop, the participant should be able to:

- ◆ Understand the differences between the types of OAE and their generation
- ◆ Measure and record different OAE's
- ◆ Determine what will affect the recording and how to interpret the results
- ◆ Understand the clinical uses of OAE's
- ◆ Prepare for, administer, interpret and discuss result with the patient
- ◆ Identify the components of a wideband power reflectance system.
- ◆ Explain how to calibrate and measure middle ear function using wideband power reflectance.
- ◆ Identify reflectance results for 3 different middle ear conditions.

For Additional Information Contact

Gordon N. Stowe & Associates
74 Marco Lane, Dayton, OH 45458
1-800-285-7959
Contact Person: Cathy Michelson

Register Today - Limited Enrollment

Videostagnography (VNG) Assessment Electronystagnography (ENG) Assessment

Friday, August 13, 2010

Speaker

Karam Barin, Ph.D.

VNG/ENG Course Topics

- ◆ Pre-Test preparations (medication effects, disconjugate eye movements, calibration)
- ◆ Getting the most out of oculomotor tests (saccade, tracking, optokinetic)
- ◆ Gaze stabilization tests (gaze and static position testing)
- ◆ Hands-on demonstration of oculomotor and gaze stabilization tests
- ◆ Dynamic position testing
- ◆ Performing the caloric test
- ◆ Interpretation of the caloric test
- ◆ Other tests of vestibular function
- ◆ Practicum with VNG/ENG equipment
- ◆ Questions & Answers

VNG/ENG Course Objectives

Upon completion of the VNG portion of the workshop, the participant should be able to:

- ◆ Recognize the advantages, disadvantages, and clinical value of various vestibular function tests.
- ◆ Identify manifestations of common abnormalities in different vestibular tests.
- ◆ Recognize the interdependencies among vestibular test findings and use them to improve their clinical value.
- ◆ Identify invalid test results and avoid artifacts by correlating findings from different vestibular tests.

Workshop Location - Lodging - Attire - Times

Kings Island Resort and Conference Center
5691 Kings Island Drive
Kings Island Ohio 45034-0906
513-398-0115

Kings Island is 23 miles north of Cincinnati in the city of Mason, Ohio
For hotel reservations contact the Kings Island Resort directly. Be sure to mention you are attending the Gordon N. Stowe meeting to obtain a reduced room rate.

Attire will be comfortable business casual

All courses starting time per respective day
Registration: 7:30 AM, Course: 8:00 AM - 5:00 PM

Cancellation Policy

No Refunds will be issued after JULY 21, 2010

Register Today - Limited Enrollment

Workshop Registration Form

1, 2 or all 3 courses

Registration Deadline - July 21, 2010

Mail the completed form with your payment or register on line at www.gordonstowe.com with Visa/MC

Mail Registration form to:

Gordon N. Stowe & Associates
74 Marco Lane, Dayton, OH 45458

Name: _____

Facility: _____

Address: _____

Address: _____

City: _____

State: _____

Zip: _____

Phone: _____

E-mail address or Fax Number for confirmation

I am registering for the following course(s):

ABR.....\$285.00
Wednesday, August 11, 2010

OAE..... \$285.00
Thursday, August 12, 2010

VNG/ENG.....\$285.00
Friday, August 13, 2010

All Three Workshops...\$755.00
ABR, OAE, VNG/ENG

You Save \$100.00 when registering for all three courses

Payment Method

Check enclosed Amt \$ _____

Purchase order enclosed

Visa

Master Card

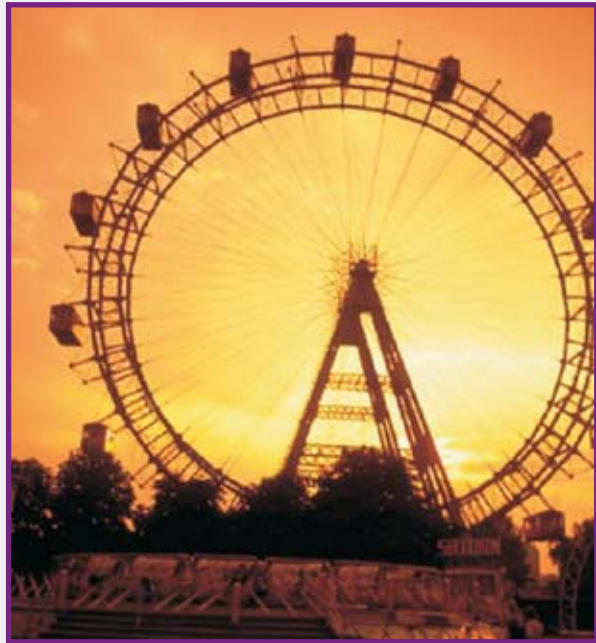
My Credit Card Number is:

Expiration Date: _____ 3 digit security code _____

No Refunds will be issued after July 21, 2010

**Bring your family...
Kings Island Amusement Park
is next door**

www.pki.com



Have you or your family been on a ferris wheel, roller coaster or merry-go-round lately?

Your family can enjoy the amusement park while you're in class and you'll be able to join them each evening.

Continuing Education Credits

Gordon N. Stowe and Associates will be applying for Continuing Education activity representing 0.1 CEU per course hour Tier 1 continuing education hours toward the American Board of Audiology re-certification requirements.

Total CEU's applied for per course:

- ABR.....0.8 CEU
- OAE.....0.8 CEU
- VNG/ENG...0.8 CEU

Gordon N. Stowe and Assoc.
74 Marco Lane, Dayton, OH 45040



Kings Island Resort and Conference Center

**Three Workshops on
Electrophysiologic Techniques**

**ABR
OAE
VNG/ENG**

August 11, 12, 13...2010

Choose 1, 2 or all 3 Days



ABR Workshop
Wednesday - August 11, 2010



OAE Workshop
Thursday - August 12, 2010



VNG/ENG Workshop
Friday - August 13, 2010