

2012 VNG/ENG COURSE

CHICAGO

May 16, 17 & 18, 2012
October 3, 4 & 5, 2012

With the recognized expert of Balance Disorders
Kamran Barin, Ph.D.

www.otometrics.com/vng-eng-course-2012

ASHA
Approved CE
Provider



Dr. Barin has worked with Otometrics for 11 years as an educational speaker about balance disorders and has taught more than 1,800 audiologists, physicians, physical therapists and technicians who perform and interpret balance disorder testing on a daily basis.

In 2010-2011 we saw a sharp increase in the course attendance. While VNG is not a new procedure, more healthcare providers are introducing it into their practices. We found that many bring their colleague in order to share the same knowledge. Many of the attendees have not been to this type of intensive class before but chose to attend for the hands-on experience and the ability to connect with other colleagues.

The post-class surveys indicate that the participants would not only recommend the course to others but would also attend it again in the future.

We hope to see you there.

Best regards,

 otometrics

DAY 1 & 2

This two-day course is for **audiologists, technicians, physicians and other healthcare professionals** who are involved in performing and interpreting the VNG/ENG test. The course provides practical information necessary to make the VNG/ENG test an effective part of the diagnostic process.

We begin at a basic level and proceed systematically through more challenging topics as each step in the administration and interpretation of the test is discussed in detail, including instructions to the patient, effect of medications on test results, and identifying and recording of disconjugate eye movements.

Learning objectives:

- Perform and analyze the VNG/ENG test accurately and more efficiently
- Identify abnormal findings in different parts of VNG/ENG and describe their clinical significance
- Recognize and avoid common errors and artifacts in VNG/ENG
- Recognize the need for other vestibular tests, such as head impulse, rotation, and VEMP testing and correlate their findings with VNG/ENG results
- Describe the underlying pathophysiology of different vestibular and central disorders

DAY 3

This course is for **audiologists and other healthcare professionals** who are familiar with VNG/ENG testing and wish to see a demonstration of actual procedures and interpretation of the test. The course also includes a demonstration of bedside and office vestibular tests. A training DVD containing actual test results will be provided so that the participants can practice analyzing and interpreting the test on their own. For those who wish to practice performing different tests, there is an optional hands-on session (1-3 p.m.).

Prerequisite: Completing the two-day comprehensive VNG/ENG course or its equivalent.

Learning objectives:

- Gain practical experience in performing, analyzing and interpreting the VNG/ENG test
- Recognize the clinical utility and significance of bedside/ office vestibular tests and be able to perform them correctly
- Gain practical experience with the diagnosis and treatment of BPPV

*See the latest videos
about caloric testing here*

[www.otometrics.com/
caloricguides](http://www.otometrics.com/caloricguides)



Kamran Barin, Ph.D.

Assistant Professor Emeritus,
Department of Otolaryngology-Head
& Neck Surgery and Department of
Speech and Hearing Science,
The Ohio State University

Course **AGENDA**

DAY 1 & 2

Comprehensive guide to administration and interpretation

7:30 – 8:15 a.m.

Registration

8:15 – 10:00 a.m.

Basics of VNG/ENG, eye movement recording, patient management, pretest examinations

10:15 a.m. – Noon

Video adjustment, recognizing artifacts, calibration, differences between VNG and ENG

Noon – 1:00 p.m.

Lunch (included)

1:00 – 2:15 p.m.

Overview of VNG/ENG, pathophysiology of oculomotor disorders, performing and interpreting the saccade test

2:30 – 3:45 p.m.

Performing and interpreting the tracking, and optokinetic tests

4:00 – 5:00 p.m.

Performing and interpreting the gaze test

5:00 p.m.

Adjournment

7:30 – 8:15 a.m.

Registration

8:15 – 10:00 a.m.

Pathophysiology of vestibular disorders, performing and interpreting static position test

10:15 a.m. – Noon

Performing and interpreting the dynamic position test, pathophysiology and treatment of BPPV

Noon – 1:00 p.m.

Lunch (included)

1:00 – 2:15 p.m.

Performing and interpreting the caloric test

2:30 – 3:45 p.m.

Performing and interpreting special tests and correlating VNG/ENG results with findings in other vestibular tests such as head impulse testing

4:00 – 5:00 p.m.

Reviewing and reporting test results

5:00 p.m.

Adjournment

DAY 3

Demonstration/hands-on testing

7:30 – 8:15 a.m.

Registration

8:15 – 9:30 a.m.

Demonstration of performing VNG/ENG

9:45 – 10:45 a.m.

Demonstration of bedside and office vestibular test procedures, including head impulse testing and procedures for diagnosis and treatment of BPPV

11:00 – Noon

Demonstration of analyzing and interpreting VNG/ENG test results, case studies

Noon – 1:00 p.m.

Lunch (included)

1:00 – 3:00 p.m.

Hands-on session (optional)

3:00 p.m.

Adjournment

Prerequisite: Completion of the 2-day comprehensive VNG/ENG course or equivalent

Location:

The Allerton Hotel, 701 N. Michigan Avenue, Chicago, IL 60611

Reservations:

312-440-1500 or 877-701-8111. Must identify group as GN Otometrics May 2012 Meeting or October 2012 Meeting

Room Rate – May:

Standard single (one bed) room \$189 per night plus applicable taxes

Standard double (two beds) room \$189 (based upon availability) per night plus applicable taxes

Rooms with King size beds are based upon availability \$204 per night plus applicable taxes

Room block is valid until April 21, 2012

Room Rate – October:


Standard single (one bed) room \$199 per night plus applicable taxes

Standard double (two beds) room \$199 (based upon availability) per night plus applicable taxes

Rooms with King size beds are based upon availability \$214 per night plus applicable taxes

Room block is valid until September 11, 2012

Breakfast is included and available each morning prior to the course



GN Otometrics is approved by the American Academy of Audiology to offer Academy CEUs for this activity. The program is worth a maximum of 1.9 CEUs. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures.



ASHA Continuing Education

GN Otometrics North America is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEU, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for up to 1.9 ASHA CEUs (Intermediate level, Professional area).

REGISTRATION form

For registration you may either complete this form and mail or fax (847-534-2151) with payment to **GN Otometrics, 50 Commerce Dr., Ste 180, Schaumburg, IL 60173** or contact GN Otometrics at **1-800-289-2150**. Payment must accompany registration.

DATE/LOCATION

The Allerton Hotel

- Day 1 & 2** **Comprehensive guide to VNG/ENG administration and interpretation** May 16-17 Oct 3-4
- Day 3** **Demonstration and hands-on VNG/ENG testing** May 18 Oct 5

METHOD OF PAYMENT

\$700 for Day 1 & 2 • \$200 for Day 3 • TOTAL \$900 (not including discounts)

- Check (Payable to GN Otometrics, must accompany registration)
- Visa
- Mastercard
- Discover
- American Express

Total amount of payment

\$

Card Number	
Security Code	Expiration Date
Cardholder's Name	
Cardholder's Signature (required)	

CANCELLATION

Full refund if cancelled at least 20 days before the course.
\$100 cancellation fee if cancelled within 10 days of the course.
\$200 cancellation fee if cancelled within 3 days of the course.

- YES! Send me information on**
- ICS solutions for Balance Assessment
 - MADSEN Audiometry and Immittance
 - AURICAL Fitting Systems
 - The entire Otometrics portfolio
 - Subscribe to *Insights in Practice*
- delivered via e-mail

YOUR INFORMATION

Name & Title	
Facility	Specialty
Address	
City	
State	Zip Code/Postal Code
Country	
Phone	Fax
email	

SPECIAL PRICING

Save money by attending all three days for only \$825 (regularly \$900).

Register at least 30 days in advance of course and save an additional \$100.



Sign up online by scanning the code or go to www.otometrics.com/vng-eng-course-2012

NEWS FROM OTOMETRICS

Introducing Head Impulse Testing

Headimpulse.com is a new online Knowledge Center focusing on Head Impulse testing. Here you can find information relating to why you should do Head Impulse Testing, how it works and how it fits into your test battery. The site includes published articles and videos about the head impulse test, as well as the latest information on new technologies and solutions that makes gold standard vestibular testing easy to do in a clinical setting.

Sponsored by Otometrics

WWW.HEADIMPULSE.COM

ONLINE HEAD IMPULSE KNOWLEDGE CENTER

The screenshot shows the website's layout. At the top left is the 'HIT' logo. To the right are links for 'Home' and 'Blog'. Below the logo is a navigation bar with 'HEAD IMPULSE TESTING' and a search box. A main banner features the text: 'HEAD IMPULSE TESTING The science of head impulse testing (HIT) is changing thanks to new technologies and solutions. Find out what today's HIT can do for your patients.' Below this are four content boxes: 'Why HIT?' (What is the "head impulse test" (HIT) and why is it important?), 'Update your knowledge' (Browse our library of research on head impulse testing, what it can achieve and how it works.), 'Blog with us' (2011-10-31 22:58 Does the ability to detect covert saccades eliminate the need to do a MRI of the cerebellum?), and 'Get more info' (Sign up to receive more information about head impulse testing and new HIT solutions and technologies.). On the right side, there is an 'Event Calendar' listing: '2013-06-01 - 2013-06-05 20th IFOS World Congress Seoul', '2015-11-25 47th NATIONAL NEUROLOGY CONGRESS in Turkey Antalya - Turkey', and '2015-11-24 - 2015-11-25 CORSO TEORICO-PRACTICO VESTIBOLOGIA Casaleiro - Centro congressi Banca Popolare del Casaleiro'. Social media icons for YouTube, Facebook, and Twitter are visible at the bottom of the main banner area.

facebook.com/otometrics
twitter.com/otometrics
youtube.com/otometricsTV

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