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# Comprehensive Guide to Administration and Interpretation of Vestibular Tests

October  
24-26, 2019

**Course fee:**

- Course days 1, 2 & 3: \$730.00
- Course days 1 & 2: \$495.00
- Course day 3 only: \$250.00

**Register by:** Sept. 30, 2019

**Location:** COURTYARD CHICAGO  
Downtown/Magnificent Mile  
165 East Ontario Street  
Chicago, Illinois 60611 USA  
(Breakfast & Lunch provided.)

**Register online at:**  
<https://tinyurl.com/ybcqzf7z>

## Presenters:



**Kamran Barin, Ph.D.**

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

He established and served as the Director of Balance Disorders Clinic at the Ohio State University Medical Center for over 25 years until his retirement in June 2011. He has published over 80 articles and book chapters and has taught national and international courses and seminars in different areas of vestibular assessment and rehabilitation.



**Michelle R. Petrak, Ph.D.**

Director of Clinical Audiology  
and Vestibular Research for  
Interacoustics.

Her primary role is development and clinical validation of new technologies in the vestibular and balance areas. She is located in Chicago where she is a licensed private practice clinical audiologist at Northwest Speech and Hearing (NWSPH). Dr. Petrak received her doctorates in Electrophysiology (1992) and Biomolecular Electronics (1994) from Wayne State University and her Masters in Audiology in 1989. She continues to lecture extensively nationally and internationally and she has numerous articles published in the hearing industry journals. She also participates on the committees for several doctoral students as support for the research projects.

## Administration and interpretation of vestibular tests

This course is for audiologists, technicians, physicians, and other healthcare professionals who are involved in performing and interpreting vestibular tests. The course does not require extensive prior vestibular testing experience but we assume you have at least read your operator's manual and have observed a few tests by a more experienced colleague.

This course provides a comprehensive guide to the administration and interpretation of vestibular tests. VNG testing is covered during the first two days and the more advanced tests such as vHIT, VEMPs, rotation chair, etc. are covered on the third day.

The course begins at a basic level and proceeds systematically through more challenging topics as each step in the administration of the test is discussed in detail. For each part of the test, tracings and video clips of both normal and abnormal results are presented and the clinical implications of abnormal findings are discussed. Guidelines are provided to distinguish valid results from artifacts and to avoid common errors.

At the conclusion of the course, participants will learn how to prepare the patient, to perform vestibular tests and analyze the results, to differentiate valid findings from artifacts, to identify different abnormal findings and describe their clinical significance, and to write an informative report.

Sponsored by:

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# Course agenda\*

## DAY 1, OCTOBER 24, 2019

| Time          | Topics                                                                                                                                   |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 – 10:00  | Basics of VNG<br>Eye movement recording<br>Patient management<br>Pretest examinations<br>Video adjustment                                |
| 10:00 – 10:30 | <b>Break</b>                                                                                                                             |
| 10:30 – Noon  | Recognizing artifacts<br>Calibration<br>Overview of VNG                                                                                  |
| Noon – 1:00   | <b>Lunch</b>                                                                                                                             |
| 1:00 – 2:15   | Pathophysiology of oculomotor disorders<br>Performing and interpreting the saccade test<br>Performing and interpreting the tracking test |
| 2:15 – 2:30   | <b>Break</b>                                                                                                                             |
| 2:30 – 3:45   | Performing and interpreting the optokinetic test<br>Performing and interpreting the gaze test                                            |
| 3:45 – 4:00   | <b>Break</b>                                                                                                                             |
| 4:00 – 5:00   | Demonstration of oculomotor and gaze tests                                                                                               |

## DAY 2, OCTOBER 25, 2019

| Time          | Topics                                                                                                                                 |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 – 10:00  | Pathophysiology of vestibular disorders<br>Performing and interpreting the static position test                                        |
| 10:00 – 10:30 | <b>Break</b>                                                                                                                           |
| 10:30 – Noon  | Performing and interpreting the dynamic position test<br>Pathophysiology and treatment of BPPV                                         |
| Noon – 1:00   | <b>Lunch</b>                                                                                                                           |
| 1:00 – 2:15   | Performing and interpreting the caloric test                                                                                           |
| 2:15 – 2:30   | <b>Break</b>                                                                                                                           |
| 2:30 – 3:45   | Performing and interpreting special tests such as ice water caloric, pressure tests, SVV, etc.<br>Reviewing and reporting test results |
| 3:45 – 4:00   | <b>Break</b>                                                                                                                           |
| 4:00 – 5:00   | Demonstration of static, dynamic position, and caloric tests                                                                           |

## DAY 3, OCTOBER 26, 2019

| Time          | Topics                                                                                                               |
|---------------|----------------------------------------------------------------------------------------------------------------------|
| 8:00 – 10:00  | Pathophysiology of head impulse testing<br>Performing and interpreting the head impulse test                         |
| 10:00 – 10:30 | <b>Break</b>                                                                                                         |
| 10:30 – Noon  | Demonstration of head impulse test                                                                                   |
| Noon – 1:00   | <b>Lunch</b>                                                                                                         |
| 1:00 – 2:15   | Performing and interpreting cVEMP and oVEMP                                                                          |
| 2:15 – 2:30   | <b>Break</b>                                                                                                         |
| 2:30 – 3:45   | Other vestibular tests such as rotary chair and posturography                                                        |
| 3:45 – 4:00   | <b>Break</b>                                                                                                         |
| 4:00 – 5:00   | Test findings for common vestibular disorders: how to integrate the results from different vestibular function tests |

\*Course outline subject to change



For information on product or  
course content details, contact:

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## Comprehensive Guide to Administration and Interpretation of Vestibular Tests

## Registration:

Course fees (includes breakfast & lunch):

- Attend course days 1, 2 & 3: \$730.00 (Oct. 24, 25 & 26, 2019)
- Attend course days 1 & 2: \$495.00 (Oct. 24 & 25, 2019)
- Attend course day 3 only: \$250.00 (Oct. 26, 2019)

Register by: October 2, 2019

Register online at: <https://tinyurl.com/ybcqzf7z>

Where: COURTYARD CHICAGO Downtown/Magnificent Mile  
165 East Ontario Street  
Chicago, Illinois 60611 USA

Hotel information: A small block of rooms will be available at a discounted rate of \$239.00/night. Must reserve room by 10/2/2019, based on availability.  
Book your hotel here: <https://tinyurl.com/y29cnh2x>



**Interacoustics**

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