

Department of Neurology

Johns Hopkins University School of Medicine

Chairperson:

David Newman-Toker, M.D., Ph.D.

Professor and Chairman
Director, Division of Neuro-Visual and Vestibular Disorders, Department of Neurology
The Johns Hopkins School of Medicine

International Guest Speakers:

Michael Halmagyi, Ph.D.

Central Clinical School, Faculty of Medicine
University of Sidney. Institute of Clinical Neurosciences. Royal Prince Albert Hospital

Ricardo Ceballos, M.D.

Chairman of The Vestibular Project©
Clínica de Vértigo, mareo y trastornos del Equilibrio y Audición. Centro Médico ABC, Campus de Santa Fe, México D. F.

Kristen Janky, Au.D., Ph.D., CCC-A

Director, Vestibular and Balance Research Lab
Coordinator, Clinical Vestibular Services
Boys Town National Research Hospital
Omaha, Nebraska

Konrad Weber, M.D.

Interdisciplinary Center for Vertigo and Neurological Visual Disorders University Hospital Zurich

Speakers from Johns Hopkins

Yuri Agrawal, M.D.

Associate Professor of Otolaryngology - Head and Neck Surgery

Ari Meir Blitz, M.D.

Assistant Professor of Radiology and Radiological Science

Dan Gold, D.O.

Assistant Professor of Neurology

Rodney Omron, M.D., M.P.H.

Associate Program Director, Emergency Medicine Residency

Charles Della Santina, M.D., Ph.D.

Director, Johns Hopkins Vestibular Neuro Engineering Laboratory

Michael Craig Schubert, Ph.D.

Associate Professor of Otolaryngology - Head and Neck Surgery

Victor C. Urrutia, M.D.

Director, The Johns Hopkins Hospital Comprehensive Stroke Center

David Zee, Ph.D.

Professor of Neurology

Course Objectives

- Diagnose acute dizziness and vertigo using timing and triggers, rather than type, identifying patients at highest risk for misdiagnosis of strokes presenting vestibular symptoms.
- Perform and interpret the results of bedside eye movement examinations to identify benign paroxysmal positional vertigo, vestibular neuritis, and dangerous central mimics.
- Describe recent advances in diagnosis and management of peripheral vestibular disorders in specialty practice, including vestibular testing, neuro-otologic imaging, and novel therapies.

VESTIBULAR TESTING



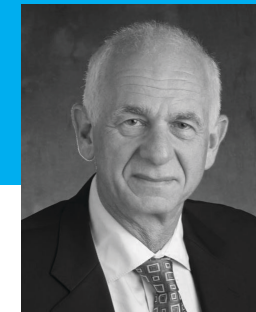
MASTER CLASS

WITH PARALLEL SESSIONS ON EMERGENCY
NEURO-OTOLOGY AND SPECIALTY CLINIC NEURO-OTOLOGY

International speakers:



Professor David
Newman-Toker



Professor
G. M. Halmagyi



Professor
David Zee

Program:

Day 1 - March 31, 2017

8:00 – 8:15	Welcome	
8:15 – 9:00	TiTrATE – A New Approach to Diagnosing the Dizzy Patient	David Newman-Toker, M.D., Ph.D.
9:00 – 9:45	Anatomy and Physiology of the VOR	David Zee, Ph.D.
9:45 – 10:30	The Head Impulse Test in the Evaluation of Dizzy Patient from Clinical to Video	Michael Halmagyi, Ph.D.

10:30 – 11:00 Refreshment Break

Choose Parallel A or B

Parallel A (Emergency Neuro-otology) - One-day pass available

11:00 – 11:20	Diagnostic Errors in Acute Dizziness	David Newman-Toker, M.D., Ph.D.
11:20 – 11:40	The Eye ECG – VOG HINTS	Dan Gold, D.O.
11:45 – 12:30	Round Table Panel: New Paradigm in ED Care for Dizziness • Tele-dizzy, VOG HINTS, TIA Pathways, Eye Movement Focus	David Newman-Toker, M.D., Ph.D. Dan Gold, D.O., Rodney Omron, M.D., M.P.H., Victor Urrutia, M.D., David Zee, Ph.D.

Parallel B (Specialty Clinic Neuro-otology)

11:00 – 11:20	Epidemiology of Vestibular Disorders	Yuri Agrawal, M.D.
11:20 – 11:40	Diagnostic Flow in the Peripheral Disorders	Charles Della-Santina, M.D., Ph.D.
11:45 – 12:30	Round Table Panel: New Paradigm in Vestibular Function Testing • Role of VOG/VHIT, VEMPs	Charles Della-Santina, M.D., Ph.D., Michael Schubert, Ph.D., Yuri Agrawal, M.D., Kristen Janky, Au.D., Ph.D., CCC-A, Michael Halmagyi, Ph.D.

12:30 – 1:30 Lunch

1:30 – 3:30	Hands-on: All Together – A More Basic Level 1. Dix-Hallpike 2. Head Impulse/ HINTS 3. Nystagmus Interpretation – Gaze Testing 4. HC BPPV/ Barbecue Maneuver	David Newman-Toker, M.D., Ph.D. Michael Halmagyi, Ph.D., David Zee, Ph.D., Konrad Weber, M.D., Kristen Janky, Au.D., Ph.D., Charles Della-Santina, M.D., Ph.D., Michael Halmagyi, Ph.D., Dan Gold, D.O.
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3:30 – 4:00 Refreshment Break

4:00 – 5:00	Plenary Case Unknowns	
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ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 13.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

Day 2 - April 1, 2017

8:00 – 8:35	The Video Head Impulse Test – Practical Tips	Konrad Weber, M.D.
8:35 – 9:10	The Future of Vestibular Prosthetics	Charles Della-Santina, M.D., Ph.D.
9:10 – 9:45	The Video Head Impulse Test Versus the Caloric Test in Menieres Patients – Clue to Understand the Mechanism	Michael Halmagyi, Ph.D.

09:45 – 10:15 Refreshment Break

10:15 – 10:50	Advances in Vestibular Imaging	Ari Meir Blitz, M.D.
10:50 – 11:25	Superior Canal Dehiscence Syndrome	Charles Della-Santina, M.D., Ph.D.
11:25 – 12:00	Vestibular Migraine	Ricardo Ceballos, M.D.
12:00 – 12:35	Physical Therapy of Vestibular Disorders	Michael Halmagyi, Ph.D.

12:35 – 1:30 Lunch

1:30 – 3:00	Hands-on - Advanced Level (LARP/RALP, SHIMP, Skew Deviation, VOR/VORS)	David Newman-Toker, M.D., Ph.D. Michael Halmagyi, Ph.D., DAVID Zee Ph.D., Konrad Weber, M.D., Kristen Janky, Au.D., Ph.D., Dan Gold D.O., Charles Della-Santina, M.D., Ph.D., Michael Schubert, Ph.D.
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3:00 – 3:30 Refreshment Break

3:30 – 4:30	Case Discussion and Conclusions	Panel
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Master Class info:

Chairman:

David Newman-Toker, Professor and Chairman

Course Fee:

Until January 15, 2017: **500 USD**

Until March 20, 2017: **550 USD**

One day incl. Parallel A: **250 USD**

Allied Health Professionals: **450 USD**

(Residents*/Fellows*/Nurses/

Audiologists/Physical Therapists/)

Group discounts:

(reduced from standard rate)

2 participants 15% each

3+ participants 25% each

Date:

March 31 - April 1, 2017

Location:

Johns Hopkins University School of Medicine, Turner Auditorium, Baltimore, MD

Hotel*:

Hyatt Place Baltimore/Inner Harbor

\$179.00 Per Room Per Night

Baltimore Marriott Waterfront

\$204.00 Per Room Per Night

* Rates include Breakfast and Wifi.

Complimentary Transportation to and from conference location.

Find more information, registration and hotel booking at:

hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=7307

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