

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

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

John Carey, M.D.

Chief, Division of Otolaryngology and Skull Base Surgery

Dan Gold, D.O.

Assistant Professor of Neurology

Amir Kheradmand, M.D.

Assistant Professor of Neurology

Jorge Otero-Millan, Ph.D.

Postdoctoral Fellow

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



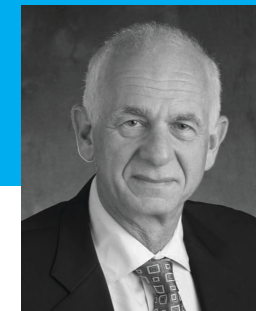
MASTER CLASS

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

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| 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

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| 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)

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| 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

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| 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 Schubert, Ph.D., Dan Gold, D.O., Ceballos, M.D. |
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3:30 – 4:00 Refreshment Break

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| 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

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| 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

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| 10:15 – 10:50 | Advances in Vestibular Imaging | Ari Meir Blitz, M.D. |
| 10:50 – 11:25 | Superior Canal Dehiscence Syndrome | John Carey, M.D. |
| 11:25 – 12:00 | Vestibular Migraine | Amir Kheradmand, M.D. |
| 12:00 – 12:35 | Physical Therapy of Vestibular Disorders | Michael Schubert, Ph.D. |

12:35 – 1:30 Lunch

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| 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., Ceballos, M.D. |
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3:00 – 3:30 Refreshment Break

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| 3:30 – 4:00 | VOG Recording - being aware of its limitations | Jorge Otero-Millan, Ph.D. |
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| 4:00 – 5:00 | Case Discussion and Conclusions | Panel |
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Master Class info:

Chairman:

David Newman-Toker, Professor and Chairman

Course Fee:

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| Until January 15, 2017: | 500 USD |
| Until March 20, 2017 | 550 USD |
| One day incl. Parallel A: | 250 USD |
| Allied Health Professionals: (Residents*/Fellows*/Nurses/ Audiologists/Physical Therapists/) | 450 USD |

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

Contact Us:

Phone: 410-502-9636
Or by email: cmenet@jhmi.edu