



Implantable Auditory Devices 2019

A CME Conference designated for 7.75 AMA PRA Category 1 Credits™

Saturday, March 30, 2019
7:15am – 5:15pm

The University Club of New York
One West 54th Street
New York, NY 10019



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL

Implantable Auditory Devices 2019

Saturday, March 30, 2019 | 7:15am – 5:15pm | The University Club of New York | One West 54th Street | New York, NY

Program of the Day

- 7:15am Registration, Breakfast, Exhibits**
- 7:45am Welcome and Introduction**
Darius Kohan, MD
- 8am Medical and Audiological Criteria for IAD**
Andrea Vambutas, MD
- 8:30am Non Implantable: Deep Canal Hearing Devices: Earlens**
Neil M. Sperling, MD
- Osseointegrated Bone Conduction IADs**
- 8:45am Physiology of Osseointegration**
Peter Costantino, MD
- 9am Percutaneous: BAHA Connect and Ponto**
Soha N. Ghossaini, MD
- 9:15am Transcutaneous: Sophono and BAHA Attract**
Darius Kohan, MD
- 9:30am Bonebridge Active Bone Conduction System**
Sujana S. Chandrasekhar, MD
- 9:45am Break/ Exhibits**
- Middle Ear Ossicle Coupling Active IADs**
- 10:15am Magnetic Driven System: Maxum**
Eric Smouha, MD
- 10:30am Mechanically Driven System: Vibrant Soundbridge**
Darius Kohan, MD
- 10:45am Totally IAD: Is the Technology Reliable?**
Neil M. Sperling, MD
- 11am Panel Discussion: Adult Case Presentations**
Moderator: Sujana S. Chandrasekhar, MD
Panelists: Eric Smouha, MD;
Maja Svrakic, MD; Justin S. Golub, MD;
David R. Friedmann, MD; Darius Kohan, MD
- 12pm Q and A/Discussion**
- 12:15pm Lunch/Exhibits**
- 1:15pm Use of CT Imaging to Personalize Cochlear Implantation**
Honored Guest Lecturer: Robert F. Labadie, MD
- 1:45pm Overview on CI 2019: Indications, Devices**
George Alexiades, MD
- 2pm Overlapping Role of Cochlear Implants (CI) and IAD**
Maura Cosetti, MD
- 2:15pm Electro-Acoustic Stimulation**
Ana H. Kim, MD
- 2:30pm Complications of IADs/CI**
Daniel Jethanamest, MD
- 2:45pm Revision Surgery IAD/CI: What are the Options?**
Matthew Hanson, MD
- 3pm Break/Exhibits**
- 3:15pm Special Populations in IADs: Pediatric/Geriatric**
George Alexiades, MD
- 3:30pm The Future of IADs**
Maja Svrakic, MD
- 3:45pm Financial Considerations, Office Based Implantation**
Sujana S. Chandrasekhar, MD
- 4pm How Can Audiology/CI Centers Survive in the Era of Mass Market Amplifiers?**
Shelley A. Borgia, AuD
- 4:15pm Panel Discussion: Pediatric Case Presentations**
Moderator: Andrea Vambutas, MD
Panelists: Robert F. Labadie, MD;
Maura Cosetti, MD; George Alexiades, MD;
Daniel Jethanamest, MD; Matthew Hanson, MD
- 5:15pm Closing Remarks and Adjourn**
- 5:30pm Cocktail Reception at The University Club of New York**

Conference coordinated by:

Northwell Health Office of Continuing Medical Education
1111 Marcus Avenue, Suite LL26
Lake Success, New York 11042

Mary B. Strong, MA, AVP, CME
Tiffani Franklin, BA, Program Manager
Maureen King, Project Coordinator

Program Rationale: There has been an exponential increase in devices beyond hearing aids that are FDA approved for auditory rehabilitation. Not only are there new devices, but the indications have markedly increased over the last few years. There is a lot of overlap between these devices thus audiologists and surgeons need to be aware as to what device best fits the needs of individual patients. There is a perceived gap in knowledge in this area as documented by the American Academy of Otolaryngology in 2018 surveys of membership. Through case presentations and panel discussions, expert faculty will provide an update on the numerous new indications for implantable auditory devices, description of each device with surgical risks, benefits, and outcomes. The expanding indications for these auditory devices and what advances are anticipated will be reviewed and discussed.

Program Objectives

At the conclusion, participants should be able to:

- **Explain** the expanding indications for implantable auditory devices.
- **Summarize** the specific risks and benefits among different cochlear implants, middle ear active implants, osseointegrated bone conduction implants, and the latest hearing aid technology.
- **Apply** an algorithm cascade to determine when to switch from one auditory rehabilitation option to another over an appropriate time frame.
- **Discuss** financial considerations in management of audiology/cochlear implant centers and the impact of competition from mass market amplifiers.

Target Audience: MDs; PAs; NPs; RNs; Audiologists; residents in training and those clinicians within the specialties of Otolaryngology and Audiology.

Dress Code: Gentleman are required to wear jackets, dress shirts and ties. Ascots and cravats when worn as such are a suitable replacement for ties. Ladies are required to wear clothing meeting similar standards; specifically, tailored clothing that otherwise conforms to this Rule, e.g. suits, dresses, or skirts and dress shirts or sweaters, or tailored pants with dress shirts and jackets, elegant sweaters or scarves of equivalent formality. Tailored pants paired with tailored/beaded tops may be worn without a jacket, sweater or scarf.

The following clothing is prohibited in the Club House: jeans and other denim apparel; leisurewear of any type; capri and cargo pants; rompers; shorts; leggings; T-shirts; sportswear and bare midriff tops; mini-skirts; workout or warm-up suits; beach or thong sandals and sneakers or other athletic shoes.

Accreditation: Northwell Health is accredited by the Accreditation Council for Continuing Medical Education to provide Continuing Medical Education for Physicians.

Credit Designation: Northwell Health designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nursing Credit: The American Nurses Credentialing Center (ANCC) will accept 1.0 AMA PRA Category 1 Credit™ as equal to 1.0 ANCC contact hour. Nurses should inquire with their specialty organizations and professional institutions as to their acceptance of AMA PRA Category 1 Credits™.

Audiology and Speech-Language Pathology Credit Designation:



This course is offered for .75 ASHA CEUs (Intermediate Level, Professional Area).

Instructional Personnel Disclosures: In compliance with the requirements for ASHA's Continuing Education Board concerning transparency in course planning, delivery and marketing, information on presenters' financial and non-financial interest relevant to the context of their presentation are provided in a separate document: www.hofstra.edu/iadisclosures

Verification of Attendance will be provided to all professionals.

Location: The University Club of New York
One West 54th Street
New York, NY 10019

Course Offering and Registration Fees: \$200 for Physicians; \$100 for RNs, NPs, PAs; \$50 for Audiologists
On-site registration: \$275 for physicians; \$175 for RNs, NPs, PAs; \$125 for Audiologists
Free for Fellows, Residents and Students

Registration fee includes CME/Verification certificates, course materials, breakfast, lunch, AM and PM breaks

Conference Information: Conference coordinated by the Northwell Health's Office of Continuing Medical Education. Phone (516) 730-2263; Fax (516) 465-8204

Cancellation Policy: All cancellations must be confirmed in writing to the Office of CME by Thursday, March 21, 2019 for a full tuition refund. A \$25 Administrative Fee will be kept for all cancellations. No refund will be made after this date, or for "no-shows."

American with Disabilities Act: This conference is in compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations, please contact the Office of CME at Northwell Health: (516) 730-2263.

Faculty Disclosure Policy: Northwell Health adheres to the ACCME's Standards for Commercial Support. Any individuals in a position to control the content of a CME activity, including faculty, planners, reviewers or others are required to disclose all relevant financial relationships with commercial interests. All relevant conflicts of interest will be resolved prior to the commencement of the activity.

New York Head & Neck Institute
Implantable Auditory Devices 2019

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Three ways to register:

1. Online at northwell.edu/cme
2. Fax this form with complete credit card information to **(516) 465-8204**
3. Mail this form with complete credit card information or a check payable to “OTO 2019” to:
OTO 2019
Northwell Health Office of CME
1111 Marcus Avenue, Suite LL26
Lake Success, NY 11042

Registration Information (Please print clearly)

Name _____ Credentials (MD, DO, etc.) _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____

Email Address (required for confirmation letter) _____

Institution Affiliation _____ Specialty _____

Please indicate:

- Physician
- Resident/Fellow
- Audiologist
- Physician Assistant
- Nurse Practitioner
- Registered Nurse
- Other

Course Offering and Registration Fees:

- **\$200** for physicians
- **\$100** for RNs, NPs, PAs
- **\$50** for Audiologists

Free for Fellows, Residents and Students

Registration fee includes CME/Verification certificates, course materials, breakfast, lunch, AM and PM breaks and cocktail reception

On-site registration – \$275 for physicians – \$175 for RNs, NPs, PAs – \$125 for Audiologists
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Charge \$ _____ to my Visa Mastercard AMEX Discover

Credit Card # _____ – _____ – _____ Expiration Date _____
Please list all digits from your credit card and expiration date.

Authorizing Signature _____ Today's Date _____

A confirmation letter will be sent.

Cancellation Policy: All cancellations must be confirmed in writing to the Office of Continuing Medical Education by Thursday, March 21, 2019. An administrative fee of \$25 will be retained. No refunds after this date, or for “no shows.”

Honored Guest

Robert F. Labadie, MD, PhD, MMHC, FACS
Endowed Directorship for Translational Research in Otolaryngology
Vice Chair, Chief Research Officer
Vanderbilt University Medical Center
Professor of Otolaryngology – Head and Neck Surgery
Professor of Biomedical Engineering
Vanderbilt University

Program Faculty

George Alexiades, MD
Director, Cochlear Implant Program
Associate Professor of Clinical Otolaryngology
Weill Cornell Medical College

Shelley A. Borgia, AuD, CCC-A, FAAA
Founder, NYC Hearing Associates, PLLC

Sujana S. Chandrasehkar, MD, FACS
President, American Academy of Otolaryngology – Head and Neck Surgery
Director, New York Otology/Neurotology
New York Head and Neck Institute
Director, Comprehensive Balance Center
Northwell Health
Clinical Professor of Otolaryngology
Zucker School of Medicine

Maura Cosetti, MD
Director, Cochlear Implant Program
Ear Institute, New York Eye and Ear of Mount Sinai
Assistant Professor
Icahn School of Medicine at Mount Sinai

Peter Costantino, MD
Senior Vice President and Executive Director
Head and Neck Services
Chair, Otolaryngology
Northwell Health
Professor and Chairman
Otolaryngology/Head and Neck Surgery
Professor of Neurosurgery
Zucker School of Medicine

David R. Friedmann, MD
Otology/Neurotology & Skull Base Surgery
NYU Cochlear Implant Center
Department of Otolaryngology – Head and Neck Surgery
NYU Langone Medical Center

Soha N. Ghossaini, MD, FACS
Otology – Neurotology
Ear, Nose & Throat Associates of New York

Justin S. Golub, MD, MS
Assistant Professor
Otology, Neurotology, and Skull Base Surgery
Department of Otolaryngology – Head and Neck Surgery
Columbia University Vagelos College of Physicians and Surgeons
NewYork-Presbyterian/Columbia University Irving Medical Center

Course Director

Darius Kohan, MD
Director, Otology/Neurotology, Lenox Hill Hospital and Manhattan Eye, Ear and Throat Hospital
Co-Director, Neurotology
New York Head and Neck Institute
Northwell Health
Clinical Associate Professor of Otolaryngology
NYU School of Medicine
Adjunct Clinical Associate Professor of Otolaryngology
Zucker School of Medicine

Matthew Hanson, MD
Director, Otolaryngology Service
Kings County Medical Center
Assistant Professor and Chief, Otology and Neurotology
SUNY Downstate Medical Center

Daniel Jethanamest, MD
Director, Otology and Neurotology
Assistant Professor
Department of Otolaryngology – Head and Neck Surgery
NYU School of Medicine

Ana H. Kim, MD
Associate Professor
Director, Cochlear Implant Program
Department of Otolaryngology – Head & Neck Surgery
Columbia University Medical Center

Eric Smouha, MD, FACS
Clinical Professor of Otolaryngology
Ichan School of Medicine at Mount Sinai

Neil M. Sperling, MD
New York Otolaryngology Group
Affiliate Assistant Professor
Weill Cornell Medical College

Maja Svrakic, MD, MSEd
Otology, Neurotology and Skull Base Surgery
Department of Otolaryngology
Northwell Health
Assistant Professor of Otolaryngology
Zucker School of Medicine

Andrea Vambutas, MD
Chair, Department of Otolaryngology
Long Island Jewish Medical Center
North Shore University Hospital
Director, Center of Hearing & Balance
New York Head & Neck Institute
Professor of Otolaryngology & Molecular Medicine
Zucker School of Medicine

Planning Committee

Darius Kohan, MD
Leslie E. Rosenthal, AuD, CCC/A
Philip Vazquez, AuD



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DATED MATERIAL