Friday, April 24, 2015

1:00  Business Meeting (Members only)
     Induction of New Members

1:30  Scientific Session
     (Open to Registered Members and Non-members – Badge required for admittance)

1:30  Welcome & Opening Remarks by the President
     Anil K. Lalwani, MD

1:35  PRESIDENTIAL CITATIONS

1:45  WILLIAM F. HOUSE MEMORIAL LECTURE
     "A Half-Century of Acoustic Neuromas and Cochlear Implants"
     Noel L. Cohen, MD

2:15  INTRODUCTION-Cochlear Implantation
     Moderators: Ravi N. Samy, MD, Yuri Agrawal, MD

2:19  Temporal Cortical Plasticity in Single-Sided Deafness: A Functional Imaging Study
     Seth E. Pross, MD
     Jolie L. Chang, MD
     Danielle Mizuiri, BS
     Anne F. Dowling, MA
     Srikantan S. Nagarajan, PhD
     Steven W. Cheung, MD

2:27  Sound Localization and Speech Understanding in Complex Listening Environments
     by Single-Sided Deaf Adults following Cochlear Implantation
     Daniel M. Zeitler, MD
     Michael F. Dorman, PhD
     Sarah J. Cook, MS
     Louise Loiselle, PhD

2:35  Auditory and Quality of Life Outcomes in Single Sided Deafness with Active Bone
     Conduction Implant
     Laura E. Garcia, MD
     Jose A. Rivas, MD
     Luz A. Rincon, AuD
     Adriana Rivas, MD, AuD
     Víctor H. Forero, MD
     Alejandro Rivas, MD

2:45  BREAK WITH EXHIBITORS
Comparison of CT and MRI Estimation of Cochlear Duct Length
Allison N. Rasband-Lindquist, MD
Jonathan D. Lindquist, MD
Brian C. Rodgers, MD
Kevin Sykes, PhD, MPH, CCRC
Hinrich Staeker, MD, PhD

Correlation between Cochlear Implant Depth of Insertion and Performance Outcome
Ohad Hilly, MD
Euna Hwang, MD
David Shipp, MA
Sean P. Symons, MPH, MD
Julian M. Nedzelski MD
Joseph M. Chen, MD
Vincent Y.W. Lin, MD

Relationship between Electrode-to-Modiolus Distance and Current Levels for Adults with Cochlear Implants
Timothy J. Davis, AuD
Dongqing Zhang, BS
Rene Gifford, PhD
Benoit M. Dawant, PhD
Robert F. Labadie, MD, PhD
Jack H. Noble, PhD

Detection of Modiolar Proximity through Bi-Polar Impedance Measurements
Jason Pile, MEng
Nabil Simaan, PhD
Alex D. Sweeney, MD
Shaun Kumar, MEng
George B. Wanna, MD

DISCUSSION

INTRODUCTION- Imaging, Pulsatile Tinnitus and CSF Leak
Stephanie Moody-Antonio, MD; Adrien A. Eshraghi, MD

The Efficacy of Color Mapped Diffusion Weighted Images Combined with a CT Scan in Preoperative Evaluation of Cholesteatomas
Tomoo Watanabe, MD, PhD
Tsukasa Ito, MD, PhD
Takatoshi Furukawa, MD, PhD
Kazunori Futai, MD, PhD
Toshinori Kubota, MD, PhD
Masafumi Kanoto, MD, PhD
Seiji Kakehata, MD, PhD

Natural History and Management of Petrous Apex Cholesterol Granulomas
Alex D. Sweeney, MD
Matthew L. Carlson, MD
Carla V. Valenzuela, BS
L. Mariel Osetinsky, MD
Christopher D. Frisch, MD
Colin L. W. Driscoll, MD
David S. Haynes, MD

4:17  **FIESTA versus T1 with Contrast MRI in the Diagnosis of CPA/IAC Lesions**
Jonathan T. Maslan, MD
Christopher M. Lack, MD, PhD
Michael E. Zapadka, DO
Tyler G. Gasser, MD
Eric R. Oliver, MD

4:25  **Distal IAC and Inner Ear FLAIR and T2 MRI Signal Changes in Vestibular Schwannoma**
Joseph T. Breen, MD
Jeffrey T. Vrabec, MD

4:33  **Sinus Wall Reconstruction for Pulse-Synchronous Tinnitus: Predictors of Success**
David J. Eisenman, MD
Prashant Raghavan, MBBS
Robert E. Morales, MD

4:41  **A New Point-of-Care Assay for Cerebrospinal Fluid Leaks**
Elias M. Michaelides, MD
Vincent A. Pieribone, PhD

4:49  **DISCUSSION**

5:00  **ADJOURNMENT**

**Saturday April 25, 2015**

7:00  **Business Meeting/Committee Reports** *(Members only)*

7:30  **Scientific Session**
*(Open to Registered Members and Non-members – Badge required for admittance)*

7:30  **Remarks by the President**
Anil K. Lalwani, MD

7:35  **INTRODUCTION- Cochlear Implantation (Part 2) and Glomus Tumor**
Joseph M. Chen, MD; Ana H. Kim, MD

7:39  **The Impact of Post-meningitic Labyrinthitis Ossificans on Speech Performance after Pediatric Cochlear Implantation**
Christopher C. Liu, MD
Melissa H. Sweeney, MS
Tim N. Booth, MD
Kenneth H. Lee, MD, PhD
J. Walter Kutz Jr., MD
Peter Roland, MD
Brandon Isaacson, MD
7:47  Early Bimodal Stimulation Benefits Later Phonological Acquisition in Children with Cochlear Implants
Aaron C. Moberly, MD
Susan Nittrouer, PhD

7:55  Cochlear Implant Electrode Effect on Sound Energy Transfer within the Cochlea during Acoustic Stimulation
Nathaniel T. Greene, PhD
Jameson K. Mattingly, MD
Herman A. Jenkins, MD
Daniel J. Tollin, PhD
James R. Easter, MS, PE
Stephen P. Cass, MD

8:03  Analysis of Patient-specific Variability in Optimal Cochlear Implant Insertion Depths
Kepra L. McBrayer BS
George B. Wanna, MD
Robert F. Labadie, MD, PhD
Benoit M. Dawant, PhD
Jack H. Noble, PhD

8:11  Measurement of Cochlear Implant Electrode Position from Intraoperative Post-insertion Skull Radiographs: A Validation Study
Maja Svrakic, MD
David R. Friedmann, MD
Phillip M. Berman, MD
Adam J. Davis, MD
Mario A. Swirsky, PhD

8:19  Outcomes Following Single or Multi-Fractionated Frameless Stereotactic Radiosurgery for Glomus Jugulare Tumors
Daniel Schuster, MD
Alex D. Sweeney, MD
Tawfik Y. Kyrollos, BS
Mark J. Stavas, MD
Albert Attia, MD
Anthony J. Cmelak, MD
George B. Wanna, MD

8:27  DISCUSSION

8:33  INTRODUCTION- Facial Nerve and Ototoxicity
Douglas A. Chen, MD

8:37  Diffusion Tensor Imaging Tractography of the Facial Nerve in Patients with and without Cerebellopontine Angle Tumors
Ohad Hilly, MD
James Birch, Eng
Joseph M. Chen, MD
Euna Hwang, MD
Vincent Y.W. Lin, MD
Richard I. Aviv, MB, ChB
8:45 Stereotactic Radiosurgery for Facial Nerve Schwannomas: Meta Analysis and Clinical Review
Theodore R. McRackan, MD
Eric P. Wilkinson, MD
Derald E. Brackmann, MD
William H. Slattery III, MD

8:53 TRAINEE AWARD
Cisplatin-Induced Ototoxicity and the Effects of Intratympanic Diltiazem in a Mouse Model
James Naples, MD
Kourosh Parham, MD

9:01 NEUROTOLOGY FELLOW AWARD
Dexamethasone Protects Against Radiation-induced Loss of Auditory Hair Cells in Vitro
Christine T. Dinh, MD
Si Chen, MD
Kyle Padgett, PhD
Fred F. Telischi, MD
Simon I. Angeli, MD
Adrien A. Eshraghi, MD
Thomas R. Van De Water, PhD

9:09 DISCUSSION

9:15 WILLIAM E. HITSELBERGER MEMORIAL LECTURE
"Butterfly Roof to Round Window: How Engineers Can Build One and Perforate the Other"
Jeffrey W. Kysar, PhD

9:45 BREAK WITH EXHIBITORS

10:15 INTRODUCTION- Inner Ear Therapy, NF2, Vertigo/Dizziness
Marlan Hansen, MD; Abraham Jacob, MD

10:19 A Novel Cell-Targeted Multifunctional Nanoparticle Platform for Delivery to the Inner Ear
Tiffany N. Chao, MS
Shayanne A. Lajud-Guererro, MD
Andrew J. Ramsey, PhD
Zhiliang Cheng, PhD
Andrew Tsourkas, PhD
Rende Gu, MD
Daqing Li, MD

10:27 In Silico Analysis of NF2 Gene Missense Mutations in Neurofibromatosis Type 2:
From Genotype to Phenotype
Thomas E. Heineman, BA
D. Gareth R. Evans, MD
Fabien Campagne, PhD
What Drives Quality of Life in Patients with Sporadic Vestibular Schwannoma?
Matthew L. Carlson, MD
Øystein Vesterli Tveiten, MD
Colin L.W. Driscoll, MD
Brian A. Neff, MD
Nicole M. Tombers, RN
Morten Lund-Johansen, MD, PhD
Michael J. Link, MD

Health Utility Improves Following Surgery for Superior Canal Dehiscence Syndrome
Aaron K. Remenschneider, MD, MPH
Maryanna Owoc, BA
Elliott Kozin, MD
Michael J. McKenna, MD
Daniel J. Lee, MD
David H. Jung MD, PhD

Utility of an Abbreviated Dizziness Questionnaire to Differentiate Peripheral from Non Peripheral Causes of Vertigo and Guide Appropriate Referral: A Multicenter Prospective Blinded Trial
Lauren T. Roland, MD
Belinda Sinks, AuD
Dorina Kallogjeri, MD, MPH
Judith White, MD, PhD
Neil T. Shepard, PhD
Steven Rauch, MD
Joel A. Goebel, MD

NICHOLAS TOROK VESTIBULAR AWARD
An Automated Vestibular Rehabilitation Method for Unilateral Vestibular Hypofunction
Benjamin T. Crane, MD, PhD
Michael C. Schubert, PT, PhD

DISCUSSION

PANEL
"Disentangling Migraine from Meniere’s Disease”
John P. Carey, MD, Moderator
Dennis S. Poe, MD
Richard F. Lewis, MD

Introduction of Incoming ANS President
John T. McElveen, MD

Closing Remarks
Anil K. Lalwani, MD

ADJOURNMENT