Saturday, April 25, 2015

1:00 Business Meeting (AOS new member introduction/photo)
   (Members Only)

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

1:30 Welcome & Opening Remarks by the President
   D. Bradley Welling, MD, PhD
   Presidential Citations
   AOS Guest of Honor Introduction

1:45 GUEST OF HONOR LECTURE
   “An Imperative for Otology”
   Joseph B. Nadol Jr., MD

2:05 Impact of Intrascalar Electrode Location, Electrode Type, and Angular Insertion
   Depth on Residual Hearing in Cochlear Implant Patients
   George B. Wanna, MD
   Jack H. Noble, PhD
   Rene H. Gifford, PhD
   Alejandro Rivas, MD
   Mary S. Dietrich, PhD
   Alex D. Sweeney, MD
   Zhang Dongqing, MS
   Benoit M. Dawant, PhD
   Robert F. Labadie, MD, PhD

2:13 Results of Post-Operative, CT-Based, Electrode Deactivation on Hearing in
   Pre-Lingually Deafened Adult Cochlear Implant (CI) Recipients
   Robert F. Labadie, MD, PhD
   Jack H. Noble, PhD
   Andrea Hedley William, AuD
   Linsey Sunderhaus, AuD
   Benoit Dawant, PhD
   Rene H. Gifford, PhD

2:21 Variability of the Mental Representation of the Cochlear Anatomy during
   Cochlear Implantation
   Renato Torres, MD
   Guillaume Kazmitcheff, PhD
   Evelyne Ferrary, MD, PhD
Cognitive and Neurobehavioral Consequences of Otic Capsule Defects
P. Ashley Wackym, MD
Heather T. Mackay, PsyD
Stuart D. Gardiner, PhD
Carey Balaban, PhD

DISCUSSION

BREAK WITH EXHIBITORS

High Frequency Hearing Loss after Stapedectomy
Michael W. Sim, MD
Gregory Mannarelli, AuD
Hussam K. El-Kashlan, MD
Steve A. Telian, MD
H. Alexander Arts, MD

Ossiculoplasty with Titanium Prostheses in Patients with Intact Stapes: Comparison of TORP vs. PORP
Andrew B. Baker, BS
Brendan P. O'Connell, MD
Shaun A. Nguyen, MD, MA
Paul R. Lambert, MD

Objective Measurements of Ossicular Chain Mobility Using the PalpEar® Instrument Intraoperatively
Thomas E. Linder, MD
Esther Troxler, MD
Gabriel Volcan, MD

Improved Anatomic Visualization of the Middle Ear Using Endoscopes
Marc L. Bennett, MD
Dongqing Zhang
Robert F. Labadie, MD, PhD
Alejandro Rivas, MD
Jack H. Noble, PhD

Tympanic Neurectomy for Intractable Otalgia
Daniel S. Roberts, MD, PhD
Alisa Yamasaki, BA
Ahmad Sedaghat MD, PhD
Edward Reardon, MD

Magnetic Resonance Imaging with Cochlear Implant Magnet in Place: Safety and Imaging Quality
Matthew L. Carlson, MD
Brian A. Neff, MD
Michael J. Link, MD
Diagnostic Accuracy of Diffusion-Weighted MR Imaging versus Delayed Gadolinium Enhanced T1-Weighted Imaging in Middle Ear Recurrent Cholesteatoma: A Retrospective Study of 39 Patients
Rémi Marianowski, MD, PhD
Adèle Pennanéach, MD
Marc Garetier, MD
Michel Ollivier, MD
Jean Ognard, MD
Philippe Mériot, MD

DISCUSSION

PANEL – “Issues in Imaging”
Hugh D. Curtin, MD – Moderator
Jennifer R. Melcher, PhD

ADJOURNMENT

AOS PRESIDENT'S RECEPTION AND DINNER/DANCE (Members and Invited Guests Only)

Sunday, April 26, 2015

Business Meeting
(Members Only)

Scientific Program
(Open to registered Members and Non-members – Badge required for admittance)

Remarks by the President
D. Bradley Welling, MD, PhD

Provider and Patient Drivers of Ototopical Antibiotic Prescription Variability
Matthew G. Crowson, MD
Kristine Shulz, DrPH(c),MPH
Debara L. Tucci, MD, MS, MBA

Malignant Otitis Externa: A Novel Stratification Protocol for Predicting Treatment Outcomes
Shawn M. Stevens, MD
Paul R. Lambert, MD
Shaun A. Nguyen, MD
Ted A. Meyer, MD, PhD

Effects of Skin Thickness on Cochlear Input Signal using Transcutaneous Bone Conduction Implants
Jameson K. Mattingly, MD
Tinnitus Management in Patients with Percutaneous Ossteointegrated Auditory Implants for Single Sided Deafness
Yula A. Indeyeva, MD
Adrian Díaz, BS
Terence E. Imbery, MD
Daniel H. Coelho, MD

Customized vs. Non-Customized Sound Therapy for Treatment of Tinnitus: A Randomized Crossover Clinical Trial
Hossein Mahboubi, MD, MPH
Saman Kiumehr, MD
Kasra Ziai, MD
Kanwar Kelley, MD
Hamid R. Djalilian, MD

Pediatric Semicircular Canal Dehiscence and Temporal Bone Development
Duncan A. Meiklejohn, MD
C. Eduardo Corrales, MD
Nikolas H. Blevins, MD

DISCUSSION

Using Biomarkers to Evaluate the Association between BPPV and Osteoporosis
Daniel Sacks, MD
Catherine Bixby, MS
Pamela Fall, MS
Kourosh Parham, MD, PhD

Increasing cVEMP Stimulation Rate Reduces Test Time and Patient Effort with Only Minor Changes in Test Results
Mark J. van Tilburg, MD
Barbara S. Herrmann, PhD
John Guinan Jr., PhD
Steven D. Rauch, MD

Dexamethasone Protects Against Apoptotic Cell Death of Cisplatin-exposed Auditory Hair Cells In Vitro
Christine T. Dinh, MD
Si Chen, MD
John N. Dinh, BS
9:24 Dose Effect of Intratympanic Dexamethasone for Idiopathic Sudden Sensorineural Hearing Loss: 24 mg/mL Is Superior to 10 mg/mL
Thomas H. Alexander, MD, MHS

9:32 Progressive Nonsyndromic Hearing Loss Associated with Mutation of the NLRP3 Gene and Alteration of Innate Immunity
Hiroshi Nakanishi, MD, PhD
Yoshiyuki Kawashima, MD, PhD
Kiyoto Kurima, PhD
Julie Muskett, MS
Carmen C. Brewer, PhD
Andrew J. Griffith, PhD

9:40 DISCUSSION

9:45 INTERMISSION

10:07 Abnormal Rhomboid Lip in Children with Cochlear Nerve Deficiency Fitted with Auditory Brainstem Implantation
Liliana Colletti, PhD
Marco Mandalà, MD, PhD
Giacomo Colletti, MD
Vittorio Colletti, MD

10:15 The Studying Multiple Outcomes after Aural Rehabilitative Treatment (SMART) Study: Study Design and Baseline Results
Lingsheng Li, MHS
Yoon Sung, MHS
Barnett Shpritz, MA
David Chen, MD
Dane Genther, MD
Josh Betz, MS
Frank R. Lin, MD, PhD

10:23 Cost Effectiveness of Genetic Diagnosis and Telemedicine to Provide Cochlear Implantation to Children within Medically Underserved Plain Populations
Kevin A. Strauss, MD
Robert O'Reilly, MD
Thierry Morlet, PhD
Yell Inverso, AuD, PhD
Liesl Looney, AuD
Christopher J. Goff, MD
Erin Field, PAC

10:31 GDP Matters: Cost Effectiveness of Cochlear Implantation and Deaf Education in Sub-Saharan Africa
Susan D. Emmett, MD
Debara L. Tucci, MD  
Magteld Smith, PhD  
Isaac M. Macharia, MBChB  
Doreen Nakku, MD  
Titus S. Ibekwe, MBBS  
Wenfeng Gong, MSc  
Howard W. Francis, MD  
James E. Saunders, MD

10:39 Patterns of Long-term Hearing Loss in Hearing Preservation Cochlear Implant Surgery  
Kavita Dedhia, MD  
Tina Worman, MS  
Margaret A. Meredith, AuD, CCC-A  
Jay T. Rubinstein, MD, PhD

10:47 Heparin Binding Epidermal Growth Factor Like Growth Factor Heals Chronic Tympanic Membrane Perforations with Advantage of Fibroblast Growth Factor 2 and Epidermal Growth Factor in an Animal Model  
Peter L. Santa Maria, MBBS, PhD  
Kendall Weierich  
Sungwoo Kim, PhD  
Yunzhi P. Yang, PhD

10:55 Regenerative Treatment for the Tympanic Membrane Perforation with Cholesteatoma, Tumor, and Sever Calcification  
Shin-ichi Kanemaru, MD, PhD  
Rie Kanai, MD, PhD  
Misaki Yamamoto, MD, PhD  
Masaru Yamashita, MD, PhD

11:03 DISCUSSION

11:10 PANEL – “Hurdles to Gene Therapy”  
Lawrence R. Lustig, MD – Moderator  
Lloyd B. Klickstein, MD, PhD  
Eric A. Pierce, MD, PhD  
Hinrich Staecker, MD, PhD  
Rachel Witten, MD

12:00 INTRODUCTION OF INCOMING AOS PRESIDENT  
Debara L. Tucci, MD, MS, MBA

12:05 CLOSING REMARKS/ADJOURNMENT