

Keynote Lectures

Keynote Lecture 1

June 4th, Monday 9:10~9:40 Room 1

KL-1 Cholesteatoma Surgery Controlled Evaluating more than 11.000 Interventions of the Würzburg Ear-File

Moderator: Kimitaka Kaga
National Institute of Sensory Organs, National Tokyo Medical Center, Japan

Jan Helms¹, Franz Schön¹, Joachim Müller²
¹Univ.-HNO-Klinik Würzburg, Germany
²LMU-Univ.-HNO-Klinik, Muenchen, Germany

Keynote Lecture 2

June 4th, Monday 11:20~12:10 Room 1

KL-2 Management of Petrous Bone Cholesteatoma

Moderator: Toshimitsu Kobayashi
Department of Otorhinolaryngology, Head and Neck Surgery, Tohoku University, Japan

Mario Sanna
Gruppo Otologico, Piacenza, Italy

Keynote Lecture 3

June 4th, Monday 17:55~18:25 Room 1

KL-3 Staged Canal Up Tympanoplasty with Mastoid Obliteration: A Method to Prevent Recurrent Cholesteatoma

Moderator: Toshiaki Yagi
President, University of human Environment, Japan

Naoaki Yanagihara
Department of Otolaryngology, Middle Ear Surgical Center, Takanoko Hospital
Department of Otolaryngology, Ehime University Medical School, Japan

Keynote Lecture 4**June 5th, Tuesday 13:50~14:20 Room 1****KL-4 Management of Chronic Otitis Media with Cholesteatoma in 2012**

Moderator: Jacques Magnan
Hospital Nord, Service ORL, Marseille, France

Bruce J Gantz, Marlan Hansen, Paul Walker, Sarah Mowry
Department of Otolaryngology-Head and Neck Surgery, University of Iowa Carver College of Medicine, Iowa City, Iowa, USA

Keynote Lecture 5**June 6th, Wednesday 17:20~17:50 Room 1****KL-5 SNHL Associated to Cholesteatoma – The Role of Cochlear Implantation**

Moderator: Ken Kitamura
Department of Otorhinolaryngology Tokyo Medical and Dental University, Japan

Angel Ramos-Macías
Las Palmas University, Spain

Keynote Lecture 6**June 7th, Thursday 9:00~9:30 Room 1****KL-6 Do the Contributing Factors Urge for Special Management Techniques?**

Moderator: Chong Sun Kim
Seoul National University Bundang Hospital, Seoul National University College of Medicine, Korea

O. Nuri Ozgirgin
Bayindir Hospital Sogutozu Otolaryngology Department, Turkey

Symposia

Symposium 1

June 4th, Monday 9:45~11:15 Room 1

SY-1 Global Epidemiology - Is Cholesteatoma Increasing or Decreasing?

Moderators: Shizuo Komune
Department of Otorhinolaryngology, Kyushu University, Japan

Matthew Yung
Ipswich Hospital NHS Trust, Ipswich, U.K.

SY-1-1 Would the Apparent Decline in the Number of Cholesteatoma Surgery Affects Surgical Training?

Matthew Yung
Ipswich Hospital NHS Trust, Ipswich, U.K.

SY-1-2 Prevalence of Cholesteatoma in Korea

Chong Sun Kim
Department of Otorhinolaryngology Seoul National University Bundang Hospital, Korea

SY-1-3 Point Prevalence of OME During Childhood and its Relation to Eardrum Pathology Later in Life

Seven-Eric Stangerup, Mirko Tos
ENT Department, Gentofte University Hospital, Hellerup, Denmark

SY-1-4 Global Epidemiology - Is Cholesteatoma Increasing or Decreasing in Taiwan?

Chuan Jen Hsu
Department of Otolaryngology, National Taiwan University, Taipei, Taiwan (R.O.C.)

SY-1-5 Epidemiological Study on Cholesteatoma in Fukuoka City

Shumei Shibata
Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

SY-1-6 Global Epidemiology, Is Cholesteatoma Increasing or Decreasing?

Alan Micco
Department of Otolaryngology, Northwestern University, USA

Symposium 2

June 4th, Monday 13:10~14:40 Room 1

SY-2 Cell Biological Event in Cholesteatoma I - Active Proliferation

Moderator: Keehyun Park
Dept. of Otolaryngology Ajou University School of Medicine, Korea

SY-2-1 Cell biological Event in Cholesteatoma I - Active Proliferation

Holger Sudhoff

*Otolaryngology, Head and Neck Surgery, Bielefeld Academic Teaching Hospital, Germany***SY-2-2 Cell Biological Event in Cholesteatoma I - Active Proliferation**M. Barbara¹, S. Raffa², L. Leone², C. Mure¹, S. Monini¹, M. R. Torrisi²¹*Sapienza University Medicine & Psychology, Italy*²*Dept. Otolaryngology and Clinical and Molecular Medicine, Italy***SY-2-3 Cell Biological Event in Cholesteatoma I - Active Proliferation**

Ewa Olszewska

*Department of Otolaryngology, Medical University of Bialystok, Poland***SY-2-4 Effect of in Vivo Over-Expression of KGF on the Histology of Middle Ear Cholesteatoma.**

Tomomi Yamamoto-Fukuda

*Department of Otolaryngology-Head and Neck Surgery, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan***SY-2-5 Perturbation of Gap Junctional Intercellular Communication is Related with Human Cholesteatoma**

Yun-Hoon Choung

*Department of Otolaryngology, Ajou University School of Medicine, Suwon, Korea***Symposium 3****June 4th, Monday 14:45~16:15 Room 1****SY-3 Middle Ear Atelectasis - Gas Deficit - Negative Pressure, to Middle Ear Cholesteatoma. Is there a Continuum? What is the Process of Transformation? Is this the Same Disease?**

Moderator: Bernard Ars

*Ear Medicine & Surgery Communicative Disorders, Belgium***SY-3-1 The Role of the Mastoid in Middle Ear Pressure Regulation**

Michael Gaihede

*Department of Otolaryngology, Head & Neck Surgery, Aalborg Hospital, Aarhus University Hospital, Denmark***SY-3-2 Middle Ear Atelectasis – Gas Deficit – Negative Pressure, to Middle Ear Cholesteatoma. Is there a Continuum? What is the Process of Transformation? Is this the Same Disease?**

Holger Sudhoff

Otolaryngology, Head and Neck Surgery, Bielefeld Academic Teaching Hospital, Germany

SY-3-3 Gas Exchange Function and Morphological Characteristics of the Mastoid Cavity in Cholesteatoma

Yutaka Yamamoto

*Department of Otolaryngology, Niigata University Faculty of Medicine, Japan***SY-3-4 The Impact of Middle Ear Blood Flow on Middle Ear Gas Deficit in Inflamed Ears**

Romain E. Kania, Amos AR, Patrice Tran Ba Huy, Philippe Herman

*Department of Otorhinolaryngology, France***SY-3-5 Middle Ear Pressure Control**

Michael Gaihede

*Department of Otolaryngology, Head & Neck Surgery, Aalborg Hospital, Aarhus University Hospital, Denmark***Symposium 4****June 5th, Tuesday 9:00~10:30 Room 1****SY-4 Sensorineural Hearing Loss Due to Middle-Ear Inflammation**

Moderator: Angel Ramos Macias

*University of Las Palmas; ENT Dept., Spain***SY-4-1 Evaluation of Endolymphatic Hydrops on Magnetic Resonance Imaging in Patients with Otosclerosis**Tsutomu Nakashima¹, Tohru Mukaida¹, Tadao Yoshida¹, Michihiko Sone¹, Shinji Naganawa²¹*Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan*²*Department of Radiology, Nagoya University Graduate School of Medicine, Japan***SY-4-2 Natural Long Course of Hearing Change in Patients with Middle Ear Diseases**

Masafumi Sakagami

*Department of Otolaryngology, Hyogo College of Medicine, Nishinomiya, Hyogo, Japan***SY-4-3 Manuel Manrique Rodriguez***Ent Dpt-Clinica Universidad De Navarra, Spain***SY-4-4 Sensorineural Hearing Loss with Chronic Otitis Media**

Haruo Yoshida

*National Hospital Organization Ureshino Medical Center, Japan***Symposium 5****June 6th, Wednesday 9:00~10:30 Room 1****SY-5 Genetic Aspect of Pathogenesis and Pathophysiology of Cholesteatoma**

Moderator: Shin-ichi Usami

Dept. of Otorhinolaryngology Shinshu University School of Medicine, Japan

SY-5-1 Cholesteatoma Growth and Proliferation: Expression of Hgf and Its High-Affinity Receptor C-MET

Katsumi Doi

*Department of Otolaryngology, Kinki University Graduate School of Medicine, Japan***SY-5-2 Bone Conduction Devices After Surgery for Chronic Ear Disease**

David R. Friedland

*Department of Otolaryngology and Communication Sciences, Medical College of Wisconsin, Wisconsin, USA***SY-5-3 mRNA Splicing Variants and DNA Methylation Analysis of Human Middle Ear Cholesteatoma**Yutaka Takumi¹, Shin-ya Nishio¹, Hiroaki Suzuki¹, Satoshi Iwasaki², Shin-ichi Usami¹¹*Department of Otorhinolaryngology, Shinshu University School of Medicine, Matsumoto, Japan*²*Department of Hearing Implant Sciences, Shinshu University School of Medicine, Matsumoto, Japan***SY-5-4 Identification of Specific Gene Expression Profiles in Middle Ear Cholesteatoma**

Mamoru Yoshikawa

*Department of Otorhinolaryngology, Jikei University School of Medicine, Tokyo, Japan***Symposium 6****June 6th, Wednesday 15:40~17:10 Room 1****SY-6 Cell Biological Event in Cholesteatoma II - Bone Resorption**

Moderator: Hiroshi Moriyama

*Department of Otorhinolaryngology, The Jikei University School of Medicine, Japan***SY-6-1 Quantum and Temporal Bone Modulation in Response to Inflammation Differs Between the Ossicles, the Middle and the Inner Ear**

Per Caye-Thomasen

*Department of Oto-rhino-laryngology, Head and Neck Surgery, University Hospital Rigshospitalet, and Faculty of Health Sciences, University of Copenhagen, Denmark.***SY-6-2 Cell Biological Event in Cholesteatoma II - Bone Resorption**

Ewa Olszewska

*Department of Otolaryngology Medical University of Bialystok, Poland***SY-6-3 Regulation of Osteoclasts is Required to Maintain Morphology and Function of Ossicles in Middle Ear**Sho Kanzaki¹, Yasunari Takada², Koichi Matsuo², Kaoru Ogawa¹¹*The Department of Otolaryngology, School of Medicine, Keio University, Tokyo, Japan*²*The Laboratory of Cell and Tissue Biology School of Medicine, Keio University, Japan*

SY-6-4 Bone Destructive Mechanisms of CholesteatomaShin-ichi Kanemaru^{1,2}*¹Department of Otolaryngology, The Foundation for Biomedical Research and Innovation, Japan**²Department of Otolaryngology, Head and Neck Surgery, Medical Research Institute, Kitano Hospital, Japan***SY-6-5 The Role of Inflammatory Mediators in Cholesteatoma-Induced Bone Resorption**

Sung Won Chae

*Guro Hospital, Korea University College of Medicine, 80 Guro-dong, Guro-gu, Seoul, South Korea***Symposium 7****June 7th, Thursday 9:40~11:10 Room 1****SY-7 How Can We Correct Tubal Dysfunction?**

Moderator: Toshimitsu Kobayashi

*Department of Otolaryngology-Head and Neck Surgery, Tohoku University, Japan***SY-7-1 How Can We Correct Tubal Dysfunction?**

Holger Sudhoff

*Otolaryngology, Head and Neck Surgery, Bielefeld Academic Teaching Hospital, Germany***SY-7-2 Tubal Dysfunction**

Dennis Poe

*Childrens Hospital Boston and Harvard Medical School, USA***SY-7-3 Osker Kujawski***Eustachion Tube Institute, Switzerland***SY-7-4 Surgical Treatments for Patulous Eustachian Tube: Fat Grafting and Artificial Eustachian Tube**

Masahiro Morita

*The Department of Otolaryngology, Kyorin University School of Medicine, Tokyo, Japan***SY-7-5 Managing Chronic Tubal Dysfunction in Post-Irradiated Nasopharyngeal Cancer Patients**

Wong-Kein C Low

*Singapore General Hospital, Singapore***SY-7-6 Trans-Tympanic Silicone Plug Insertion for Chronic and Severe Patulous Eustachian Tube**

Toshiaki Kikuchi, Takeshi Oshima, Hidetoshi Oshima, Ryokichi Ikeda, Toshimitsu Kobayashi

Department of Otolaryngology-Head and Neck Surgery, Tohoku University, Sendai, Japan

Panel Discussions

Panel Discussion 1

June 4th, Monday 9:45~11:15 Room 2

PD-1 What is the Best Measure to Prevent Recurrent Cholesteatoma?

Moderator: Hiroshi Hosoi

Department of Otorhinolaryngology- Head & Neck Surgery Nara Medical University, Japan

PD-1-1 Tympanoplasty with Soft Posterior Meatal Wall Reconstruction -Changing the Way of Thinking for Prevention of Retraction Pocket Recurrence -

Hiroshi Hosoi

Department of Otorhinolaryngology- Head & Neck Surgery Nara Medical University, Japan

PD-1-2 Mastoid and Epitympanic Obliteration in Canal Wall Up Mastoidectomy for Prevention of Retraction Pocket

Won-Sang Lee

Department of Otorhinolaryngology, Yosei University College of Medicine, Korea

PD-1-3 Panel Discussion “What is the Best Measure to Prevent Recurrent Cholesteatoma?”

Maurizio Barbara

Department of Neuroscience, Mental Health and Sensory Organs

Sapienza University, Rome, Italy

PD-1-4 How to Prevent Recurrent Cholesteatoma: Canal Wall Down Tympanoplasty with Soft-Wall Reconstruction

Shin-ichi Haginomori

Department of Otolaryngology, Osaka Medical College, Takatsuki, Japan

Panel Discussion 2

June 4th, Monday 13:10~14:40 Room 2

PD-2 Canal-Wall-Up, Down, Reconstruction, or Obliteration? (Response Analyzer)

Moderator: Brian Blakley

Univ of Manicoba Health Sciences Center, Canada

PD-2-1 Bruce J. Gantz

Dept. Otolaryngology-Head & Neck Surgery University of Iowa, USA

PD-2-2 Topic: CWU, CWD, Reconstruction or Obliteration?

Mohan Kameswaran

Madras ENT Research Foundation, India

PD-2-3 Mastoid Obliteration Tympanoplasty in Preventing Recurrence of Middle Ear Cholesteatoma

Minoru Ikeda, Shuntaro Shigihara, Yasuyuki Nomura

*Department of Otolaryngology-Head & Neck Surgery, Nihon University School of Medicine, Tokyo, Japan***PD-2-4 Canal Wall Up (CWU) Tympanoplasty**

Goetz Lehnerdt

*Department of Otorhinolaryngology, University of Essen, Germany***PD-2-5 Canal-Wall-Up, Down, Reconstruction, or Obliteration?**

Hiroshi Hosoi

*Department of Otorhinolaryngology- Head & Neck Surgery Nara Medical University, Japan***Panel Discussion 3****June 4th, Monday 14:45~16:15 Room 2****PD-3 Petrous Bone Cholesteatoma**

Moderator: Enrico Piccirillo

*Gruppo Otologico, Piacenza, Italy***PD-3-1 Petrous Bone Cholesteatoma Removal with Hearing Preservation**

Marco Caversaccio, Pascal Senn, Rudolf Häusler, Eugène Panosetti

*Dept of ORL, Head and Neck Surgery, University of Bern, Switzerland***PD-3-2 Petrous Bone Cholesteatoma: Classification and Management**

Enrico Piccirillo

*Gruppo Otologico, Italy***PD-3-3 Middle Cranial Fossa Approach for Petrous Apex Cholesteatoma**Tatsuya Yamasoba¹, Ken Ito^{1,2}, Takashi Sakamoto¹, Akinobu Kakigi¹, Shinichi Iwasaki¹¹*Department of Otolaryngology and Head and Neck Surgery, University of Tokyo, Tokyo, Japan*²*Department of Otolaryngology and Head and Neck Surgery, Teikyo University, Tokyo, Japan***PD-3-4 Evaluation of Middle Ear Pneumatization After Planned Two-Staged Tympanoplasty**Katsumi Doi¹, Takahito Fukusumi², Yasuhiro Osaki², Taro Hasegawa², Yumi Oota²¹*Department of Otolaryngology, Kinki University Graduate School of Medicine*²*Department of Otolaryngology, Osaka University Graduate School of Medicine***PD-3-5 Posterior Transposition of the Facial Nerve in Petrous Apex Cholesteatoma**

Yildirim A Bayazit

Department of Otolaryngology Faculty of Medicine Gazi University Besevler, Turkey

PD-3-6 Petrous Bone Cholesteatoma-Our Experiences with 27 CasesWu Hao^{1,2}¹*Ear Institute Shanghai Jiaotong University School of Medicine, China*²*Department of Otolaryngology Head & Neck Surgery, Xinhua Hospital Shanghai Jiaotong University School of Medicine, China***Panel Discussion 4****June 4th, Monday 13:10~14:40 Room 3****PD-4 Debate on Cholesteatoma Surgery - Microscopic or Endoscopic****Moderator:** Bernard Ars*Ear Medicine & Surgery Communicative Disorders, Belgium***PD-4-1 Debate on Cholesteatoma Surgery - Microscopic or Endoscopic**

Muaaz Tarabichi

*America Hospital- Dubai, Dubai***PD-4-2 Microscopic Technique for Chronic Ear Surgery**

Huber Alexander

*Department of Otorhinolaryngology, Head and Neck Surgery, University of Zurich, Switzerland***PD-4-3 Microscopic or Endoscopic Cholesteatoma Surgery**

Dennis Poe

*Children's Hospital Boston and Harvard Medical School, USA***PD-4-4 Which Surgical Approach is Appropriate for Cholesteatoma According to the Pre-Operative Images?**

Lela Migirov

*Dept. Otolaryngology, Sheba Medical Center, Tel Hashomer, Israel***PD-4-5 Result of Endoscopic Ear Surgery on Cholesteatoma: Present Status**

Daniela Marchioni

*Department of Otolaryngology and Head and Neck Surgery, University of Modena and Reggio Emilia, Italy***Panel Discussion 5****June 4th, Monday 14:45~16:15 Room 3****PD-5 Recent Progress in the Imaging of Cholesteatoma - Is Routine Second Look Surgery Still Justified?****Moderator:** Erwin Officiers*Dept of ORL, Sint-Augustinus Hospital, European Institute for ORL, Wilrijk-Antwerpen, Belgium*

PD-5-1 Recent Progress in the Imaging of Cholesteatoma - Is Routine Second Look Surgery Still Justified?

Erwin Offeciers

*Dept of ORL, Sint-Augustinus Hospital, European Institute for ORL, Wilrijk-Antwerpen, Belgium***PD-5-2 Levent Olgun***Izmir Bozayaica Teaching&Research Hospital CI center, Turkey***PD-5-3 Carlos Cenjor***Servicio ORL Fundacion Jimenez Diaz-Clinica Nuestra Senora Conception, Madrid, Spain***PD-5-4 Vincent C. Cousins***Head Otonerology Unit & Monash University Department of Surgery The Alfred Hospital Melbourne, Australia***PD-5-5 Recent Progress in the Imaging of Cholesteatoma – is Routine Second Look Surgery Still Justified?**Dritan Vasili¹, Krenar Preza²¹*American Hospital, Albania*²*University Hospital Center of Tirana “Mother Teresa”, Albania***Panel Discussion 6****June 5th, Tuesday 10:40~12:10 Room 1****PD-6 Management of Difficult Cases**

Moderator: Jacques Magnan

*Hospital Nord, Service ORL, Marseille, France***PD-6-1 Management of Difficult Cases**

Bruce Black

*Royal Children’s Hospital, Brisbane Australia***PD-6-2 Difficult Situations Encountered During Cholesteatoma Surgery and its Management in Nepal.**

Rakesh P. Shrivastav, Hari Bhattarai, Pabina Rayamajhi

*Department of ENT, Tribhuvan University Teaching Hospital, Kathmandu, Nepal.***PD-6-3 Vincent C. Cousins***Head Otonerology Unit & Monash University Department of Surgery The Alfred Hospital Melbourne, AUSTRALIA, Australia***PD-6-4 Chronic Otitis Media with Cholesteatoma Causing Deafness. Techniques for Cochlear Implantation**

Constantino Morera, Laura Cavalle, Carlos de-Paula

ENT Department. La Fe University Hospital. University of Valencia. Valencia. Spain

PD-6-5 Difficult Cases with Cholesteatoma

Kazuo Ishikawa, Teruyuki Sato, Eigo Omi, Kohei Honda
Department of Otorhinolaryngology, Head-Neck Surgery, Japan

PD-6-6 Alessandra Russo

Gruppo Otologico, Piacenza, Italy

Panel Discussion 7

June 5th, Tuesday 14:25~16:05 Room 1

PD-7 Hearing Rehabilitation After Surgery on OM Ears - HA, ME Implant, CI

Moderator: Levent Olgun

Training and Research Hospital Izmir Bozyaica, Turkey

PD-7-1 Cochlear Implants in Chronic Otitis Media

Manuel Manrique

Clinica Universidad de Navarra. Pamplona. Spain

PD-7-2 The Role of miRNA-21 in Cholesteatoma Growth and Proliferation

David R. Friedland, Rebecca Eernisse, Christy Erbe, Matthew Sitton

Department of Otolaryngology and Communication Sciences, Medical College of Wisconsin, Milwaukee, Wisconsin, USA

PD-7-3 Cochlear Implantation in Patients with a History of Chronic Otitis Media or Cholesteatoma

Joachim Müller, John Martin Hempel

Section Cochlear Implants and Hearing Prosthetics

Department of Otorhinolaryngology, Head & Neck Surgery, Munich University, Germany

PD-7-4 Hearing Rehabilitation after Chronic Otitis Media Surgery

Levent Olgun

MD. Izmir Bozyaka Teaching and Research Hospital, Izmir, Turkey

PD-7-5 Hearing Aid Applications after Surgical Procedures. Pros and Cons.

Jae Y Choi

Yonsei University, Korea

Panel Discussion 8

June 5th, Tuesday 16:10~17:40 Room 1

PD-8 Recent Progress in Intraoperative Monitoring

Moderator: Jacques Magnan

Hospital Nord, Service ORL, Marseille, France

PD-8-1 Cancelled

PD-8-2 Application of Intraoperative Cranial Nerve Neuromonitoring for Oto-Neuro Surgeries

Pu Dai

*Chinese PLA General Hospital, China***PD-8-3 Cancelled****PD-8-4 Intraoperative Monitoring Using Electrocochleography During the Middle Fossa Approach**

Ki-Hong Chang, Eun-Ju Jun, Bum-Cho Jun, Yong-Soo Park

*Dept. of Otolaryngology-HNS, Yeouido St. Mary's Hospital, The Catholic University of Korea, Korea***PD-8-5 Continuous FREMAP & Auditory Evoked DNAP Monitorings for CPA Tumor Surgery & Vestibular Neurectomy**Hidemi Miyazaki^{1,4}, Hirofumi Nakatomi², Masahiro Miura^{1,4}, Masaaki Nakajima³, Hiroshi Moriyama⁴¹*Department of Otorhinolaryngology, Tokyo Kyosai Hospital, Tokyo, Japan*²*Department of Neurosurgery, University of Tokyo, Tokyo, Japan*³*Department of Neurosurgery, Okayama Saiseikai General Hospital, Okayama, Japan*⁴*Department of Otorhinolaryngology, The Jikei University, Tokyo, Japan***PD-8-6 P. Caye-Thomasen***Department of Oto-rhino-laryngology, Head and Neck Surgery, University Hospital Rigshospitalet, and Faculty of Health Sciences, University of Copenhagen, Denmark.***Panel Discussion 9****June 5th, Tuesday 9:00~10:30 Room 2****PD-9 Endoscopic Ear Surgery - Current Strategies to Manage Middle Ear Cholesteatoma-**

Moderator: Seiji Kakehata

*Department of Otolaryngology, Yamagata University, Japan***PD-9-1 Endoscopic Ear Surgery**

Muaaz Tarabichi

*American Hospital Dubai, UAE***PD-9-2 Getting Started with Endoscopic Ear Surgery**

João Flávio Nogueira

*ENT Professor UECE – State University of Ceara, Director of Sinus & Oto Centro, Fortaleza, Brazil***PD-9-3 Endoscopic Ear Surgery: Fundamental Use of New Instrumentation**

Mohamed M. K. Badr-El-Dine

ENT department- Faculty of Medicine- University of Alexandria- Egypt

PD-9-4 Livio Presutti*University of Modena ENT Dept, Italy***PD-9-5 Powered Endoscopic Ear Surgery**

Seiji Kakehata

*Department of Otolaryngology, Yamagata University, Yamagata, Japan***PD-9-6 Clinical Efficacy of Endoscope-Assisted Ear Surgery for the Treatment of Children with Cholesteatoma**

Hideyuki Kawauchi

*Shimane University, Faculty of Medicine, Shimane, Japan***Panel Discussion 10****June 5th, Tuesday 14:25~16:05 Room 2****PD-10 Panel with Response Analyzer to Build Up International Consensus on Classification and Staging of Middle Ear Cholesteatoma**

Moderators:

Nuri Ozgirgin

Bayindir Hospital Sogutozu Otolaryngology Department, Turkey

Naoaki Yanagihara

*Dept. Otolaryngology, Middle Ear Surgical Center, Takanoko Hospital, Ehime University Medical School, Japan***PD-10-1 Staging of Middle Ear Cholesteatoma Proposed by Japan Otological Society**

Tetsuya Tono

*Department of Otorhinolaryngology, University of Miyazaki, Miyazaki, Japan***PD-10-2 Bruce J. Gantz***Dept. Otolaryngology-Head & Neck Surgery University of Iowa, USA***PD-10-3 Classification and Staging of Middle Ear Cholesteatoma**

Nuri Ozgirgin

*Bayindir Hospital Sogutozu Otolaryngology Department, Turkey***PD-10-4 Panel on Importance of the Classification and Staging of Cholesteatomas**

Hyung-Jong Kim

*Department of Otolaryngology, Hallym University College of Medicine, Chuncheon, Korea***PD-10-5 Importance of the Classification of Acquired Cholesteatomas for the Eradication of Residual Lesions**

A. Robier, A. Roux, E. Lescanne, D. Bakhos

ENT Department, Bretonneau University Hospital, Tours 37044, France

Panel Discussion 11**June 5th, Tuesday 16:10~17:40 Room 2****PD-11 Global Consensus of Eosinophilic Otitis Media**

Moderator: Yukiko Iino

*Dept. otolaryngology Jichi Medical Univ. Saitama Medical Center, Japan***PD-11-1 Bilateral Sudden Hearing Loss in Eosinophilic Otitis Media Patient: A Case of Cochlear Implantation**

Seung-Ha Oh

*Department of Otorhinolaryngology, Seoul National University Hospital, Korea***PD-11-2 Advocating the Term Eosinophilic Otitis Media**

Sachiko Matsutani

*Department of Rehabilitation, Tohoku Bunka Gakuen University, Sendai, Sendai, Japan***PD-11-3 Patulous Eustachian Tube Develops the Eosinophilic Otitis Media Followed by Chronic Rhinosinusitis**

Naohiro Yoshida

*Department of Otolaryngology, Jichi Medical University Saitama Medical Center, Saitama, Japan***PD-11-4 Eosinophilic Rhinosinusitis and Otitis Media in Asthmatics**

Masami Taniguchi

*Clinical Reseach Center, Sagamihara National Hospital, Kanagawa, Japan***Panel Discussion 12****June 5th, Tuesday 9:00~10:30 Room 3****PD-12 Management of Early-Stage Case**

Moderator: Vincent C. Cousins

*Head Otoneurology Unit & Monash University Department of Surgery The Alfred Hospital, Australia***PD-12-1 From Retraction Pockets into Early Stage Cholesteatoma: Pathogenesis and Management**

Ibrahim Hizalan

*NOVOMED ENT CENTER, Bursa, Turkey***PD-12-2 My Experience of Management of Early Cholesteatoma**

Keehyun Park

*Dept. of ENT, Ajou University School of Medicine, Suwon, Korea***PD-12-3 Management of Early Stage Cholesteatoma**

Tetsuya Tono

Department of Otorhinolaryngology, University of Miyazaki, Miyazaki, Japan

PD-12-4 Conservative Therapy with 5-FU for Early Stage Cholesteatoma

Yuzuru Sainoo, Minoru Hara, Hidetaka Kumagami, Haruo Takahashi

*Department of Otolaryngology - Head and Neck Surgery, Nagasaki University Hospital, Japan***Panel Discussion 13****June 5th, Tuesday 10:40~12:10 Room 3****PD-13 Mastoid Obliteration - When, How, with What Material?**

Moderator: Sugata Takahashi

*Department of Otolaryngology, Niigata University Faculty of Medicine, Japan***PD-13-1 Canal Wall Down Tympanoplasty with Mastoid Obliteration for Cholesteatoma Surgery**

Sugata Takahashi

*Department of Otolaryngology, Niigata University Faculty of Medicine, Japan***PD-13-2 Attic Exposition and Antrum Exclusion, A Surgical Technique for Cholesteatoma Treatment.**

Manuel Manrique Robriguez

*ENT Department, Clinica Universidad de Navarra, Pamplona, Navarra. Spain.***PD-13-3 The Bony Obliteration Technique in Cholesteatoma Surgery: Rational, Technique and Results**Erwin Offeciers¹, Thomas Somers¹, Jean-Philippe Vercruyssen¹, A Zarowski¹, J van Dinther¹, Bert De Foer² and Jan Casselman²⁻³*ORL Dept¹ and Dept of Medical Imaging² Sin-Augustinus Wilrijk-Antwerpen, and St Jans Hospital Bruges³, Belgium***PD-13-4 Mastoid Obliteration Using Bone Pate in Cholesteatoma**Ken Kitamura¹, Yuji Nakamura², Yoshihiro Noguchi¹, Masatoki Takahashi¹*¹Department of Otolaryngology, Tokyo Medical and Dental University, Japan**²Department of Otolaryngology, JA Toride General Medical Center, Japan***PD-13-5 Mastoid Obliteration. The Case for not Obliterating.**

Alan Micco

*Department of Otolaryngology, Head and Neck Surgery, Northwestern University, USA***Panel Discussion 14****June 5th, Tuesday 14:25~16:05 Room 3****PD-14-1 Cartilage Tympanoplasty**

Moderator: John L. Dornhoffer

University of Arkansas for Medical Sciences, USA

PD-14-1 Cartilage Tympanoplasty

John L. Dornhoffer

*University of Arkansas for Medical Sciences, USA***PD-14-2 Cartilage Tympanoplasty – Indications, Technique, Results and Pitfalls**

Per Caye-Thomassen

*Department of Oto-rhino-laryngology, Head and Neck Surgery, University Hospital Rigshospitalet, and Faculty of Health Sciences, University of Copenhagen, Denmark.***PD-14-3 Scutum Plasty Using Sliced Cartilage for Postoperative Retraction Pocket of Middle Ear Cholesteatoma**

Yasuyuki Hinohira

*Department of Otorhinolaryngology, Showa University School of Medicine, Tokyo, Japan***PD-14-4 Cartilage Collection Procedure and Idea in Thin Layer Sample Preparation in Cartilage Tympanoplasty**Hidemi Miyazaki^{1,2}, Koushirou Miura¹, Masahiro Miura^{1,2}¹*Department of Otorhinolaryngology, Tokyo Kyosai Hospital, Tokyo, Japan*²*Department of Otorhinolaryngology, The Jikei University, Tokyo, Japan***PD-14-5 Indications and Techniques for Cartilage in Reconstructive Middle Ear Surgery**

Konrad Schwager

*Department of Otorhinolaryngology, Head and Neck Surgery, Klinikum Fulda, Germany***PD-14-6 Cartilage Tympanoplasty**

Timothy T. K. Jung

*Department of Otolaryngology, Loma Linda University, Loma Linda, CA, USA***Panel Discussion 15****June 5th, Tuesday 16:10~17:40 Room 3****PD-15 Pediatric Cholesteatoma**

Moderator: Donevico Marco Caversaccio

*ORL, Head and neck surgery University Hospital, Switzerland***PD-15-1 Acquired Cholesteatoma in Children: Strategies and Medium-Term Results**

Angel Ramos-Macías

*University of Las Palmas; ENT Dept, Spain***PD-15-2 Congenital Cholesteatoma in Children**

Dragoslava R. Djerić

Medical Faculty, university of belgrade, Belgrade, Serbia

PD-15-3 Long-Term Outcomes of Pediatric Cholesteatoma

Yasuo Mishiro, Osamu Adachi, Hirokazu Katsura, Shigeto Ohta, Masafumi Sakagami
Department of Otolaryngology, Hyogo College of Medicine, Nishinomiya, Japan

PD-15-4 Pediatric Cholesteatoma: Some Unique Manifestations

Ryosei Minoda
Otolaryngology Head and Neck Surgery, Kumamoto University, Kumamoto, Japan

PD-15-5 Clinical Features of Pediatric Cholesteatoma

Tae Hyun Yoon, Byoung Soo Shim, Hyun Woo Lim, Myung Joo Shim
Department of Otolaryngology, Asan Medical Center, University of Ulsan, Seoul, Korea

Panel Discussion 16**June 6th, Wednesday 9:00~10:30 Room 2****PD-16 Diagnosis and Management of Labyrinthine Fistula**

Moderator: Kazuo Ishikawa
Department of Otorhinolaryngology, Akita Graduate School of medicine, Japan

PD-16-1 Diagnosis and Management of Labyrinthine Fistula

Maurizio Barbara
*Department of Neuroscience, Mental Health and Sensory Organs
 Sapienza University, Rome, Italy*

PD-16-2 Clinical Signs and Hearing Results in Semicircular Canal Fistulae Associated with Cholesteatoma

Mamoru Suzuki, Eriko Sakurai, Sachie Kawaguchi, Nobuhiro Nishiyama, Atsushi Kawano
Department of Otolaryngology, Tokyo Medical University, Tokyo, Japan

PD-16-3 Diagnosis and Management of Labyrinthine Fistula

Holger Sudhoff
Otolaryngology, Head and Neck Surgery, Bielefeld Academic Teaching Hospital, Germany

PD-16-4 Principles of Management of Labyrinthine Fistulae

Onur Celik¹, Nazim Korkut², Turgut Karlidag³
¹Ial Bayar University Medical Faculty Otorhinolaryngology Department, Manisa, Turkey
²Istanbul University Cerrahpasa Medical Faculty Otorhinolaryngology Department, Istanbul, Turkey
³Firat University Medical Faculty Otorhinolaryngology Department, Elazig, Turkey

PD-16-5 Efficacy of 3D FLAIR MRI Findings in Evaluating Cholesteatoma with Labyrinthine Fistula

Michihiko Sone, Tsutomu Nakashima
Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Nagoya, Japan

Panel Discussion 17**June 6th, Wednesday 14:00~15:30 Room 2****PD-17 Severe Otosclerosis - CI, Stapes Surgery or Others?**

Moderator: Ronen Perez

*Department of Otolaryngology, Shaare Zedek Medical Center, Israel***PD-17-1 Cancelled****PD-17-2 Severe Otosclerosis – CI, Stapes Surgery or Others?**

Maurizio Barbara

*Department of Neuroscience, Mental Health and Sensory Organs, Medicine and Psychology, Sapienza University, Rome, Italy***PD-17-3 Stapes Surgery and Cochlear Implant Surgery for Severe Otosclerosis**Katsumi Doi¹, Mitsuo Sato¹, Mie Miyashita¹, Kazuya Saito¹, Yumi Oota²¹*Department of Otolaryngology, Kinki University Graduate School of Medicine, Japan*²*Department of Otolaryngology, Osaka University Graduate School of Medicine, Japan***PD-17-4 Treatment of Severe Otosclerosis: Cochlear Implantation, Stapedotomy, and Other Options**Hiromi Ueda¹, Hajime Hirayama¹, Mayuko Kishimoto¹, Michihiko Sone²¹*Department of Otorhinolaryngology, Aichi Medical University School of Medicine, Aichi, Japan*²*Department of Otorhinolaryngology, Natoya University School of Medicine, Nagoya, Japan***PD-17-5 Severe Otosclerosis-CI, Stapes Surgery of Others**

Ronen Perez

*Department of Otolaryngology, Shaare Zedek Medical Center, Jerusalem, Israel***PD-17-6 Carlos Cenjor***Servicio ORL Fundacion Jimenez Diaz-Clinica Nuestra Senora Conception, Madrid, Spain***Panel Discussion 18****June 6th, Wednesday 15:40~17:10 Room 2****PD-18 Surgery for Canal Atresia**

Moderator: Kimitaka Kaga

*National Institute of Sensory Organs, National Tokyo Medical Center, Japan***PD-18-1 A New Surgical Procedure Using A Pure Skin Perforator Flap for Congenital Aural Atresia**Tatsuya Yamasoba¹, Takashi Sakamoto¹, Mitsunaga Narushima², Takuya Iida², Isao Koshima²¹*Department of Otolaryngology, University of Tokyo, Tokyo, Japan*²*Department of Plastic Surgery, University of Tokyo, Tokyo, Japan*

PD-18-2 Long Term Results of Postoperative Hearing in Congenital Aural Atresia Surgery

Sun O Chang, Juyong Chung

*Department of Otorhinolaryngology, Seoul National University Hospital, Seoul, South Korea***PD-18-3 Surgical Reconstruction in Congenital Aural Atresia: Outcomes in Adults vs Children**

Martin Fernandez

*Clinica de Marly, Colombia***PD-18-4 Use of Hearing Aids in Patients with Congenital Major Aural Atresia**

Eric Truy, Stéphane Gallego, Geneviève Lina-Granade

*Département ORL. Hôpital Edouard Herriot. Place d'Arsonval, Lyon, France***PD-18-5 Single Stage Microtia Reconstruction with Porous Polyethylen and Vibrant Soundbridge Implantation**

John Matrin Hempl, Joachim Müller, Berghaus Alexander

*Ludwig Maximilians University Munich, Germany***Panel Discussion 19****June 6th, Wednesday 9:00~10:30 Room 3****PD-19 Management of Facial Nerve Involvement**

Moderator: Shingo Murakami

*Professor and Chairman of Department of Otolaryngology, Head and Neck Surgery, Nagaya City University, Medical School, Japan***PD-19-1 Traumatic Facial Nerve Paralysis**

Badr Eldin Mostafa

*Department of ORL-HNS Ain Shams University, Egypt***PD-19-2 Surgical Treatment of the Facial Nerve in Cholesteatoma Surgery**

Maurizio Falcioni

*Gruppo Otologico, Italy***PD-19-3 Incidence of Facial Nerve Injury Following Mastoid Surgery**Jona Kronenberg^{1,2}, Shay I. Duvdevani²*¹Department of Otolaryngology Head and Neck Surgery, Assaf Harofeh Medical Center, Tel Aviv University, Israel**²Department of Otolaryngology Head and Neck Surgery, Sheba Medical Center, Tel Aviv University, Israel***PD-19-4 Facial Nerve Paralysis in Chronic Otitis Media**

Dragoslava R. Djerić

Medical Faculty, University of Belgrade, Belgrade, Serbia

PD-19-5 Delayed Decompression Surgery for Facial Nerve Paralysis Using bFGF in A Gelatin Hydrogel

Naohito Hato, Jumpei Nota, Hayato Komobuchi, Hiroyuki Yamada, Kiyofumi Gyo

Department of Otolaryngology, Ehime University School of Medicine, Japan

Panel Discussion 20

June 6th, Wednesday 14:00~15:30 Room 3

PD-20 Control of Pre- and Postoperative Infection in Chronic Otitis Media

Moderator: Noboru Yamanaka

Department of Otolaryngology-Head and Neck Surgery, Wakayama Medical University, Japan

PD-20-1 Microbiology of Middle Ear Effusions in Children Undergoing Tympanostomy Tube Placement. Its Importance for Middle Ear Surgery

Angel Ramos Macías

University of Las Palmas; ENT Dept., Spain

PD-20-2 Perioperative Infections in Tympanomastoid Surgery

Daniel M Kaplan

Dept. of Otolaryngology- Head and Neck Surgery, Soroka University Medical Center and the Ben Gurion University, Beer Sheva, Israel.

PD-20-3 Control of Pre- and Postoperative Infection in Chronic Otitis Media

Alan Micco

Department of Otolaryngology, Northwestern University, USA

PD-20-4 Control of Pre- and Postoperative Infection in Chronic Otitis Media

Young Ho Kim

Department of Otolaryngology, Seoul National University Boramae Medical Center, Korea

PD-20-5 Control of Pre- and Postoperative Infection in Chronic Otitis Media.

Muneki Hotomi, Noboru Yamanaka

Department of Otorhinolaryngology-Head and Neck Surgery, Wakayama Medical University, Wakayama, Japan

Panel Discussion 21

June 6th, Wednesday 15:40~17:10 Room 3

PD-21 Justify Your Prosthesis/Implant/Ventilation Tube

Moderator: Bruce Black

Royal Children's Hospital, Australia

PD-21-1 Justify Your Prosthesis/Implant/Ventilation Tube

John L. Dornhoffer

University of Arkansas for Medical Sciences, USA

PD-21-2 A Method to Improve Stability of Polycel® Total Ossicular Replacement Prosthesis

Won-Sang Lee

Department of Otolaryngology Yonsei University Health System, Korea

PD-21-3 Synthetic Prosthesis and Autologous Tissue Used in Ossiculoplasties

Yasushi Naito, Yuji Kanazawa, Keizo Fujiwara, Masahiro Kikuchi, Shogo Shinohara

Department of Otolaryngology, Kobe City Medical Center General Hospital, Japan

PD-21-4 Titanium Ossicular Prosthesis with Malleal Notch

Matthew Yung

Ipswich Hospital NHS Trust, Ipswich, UK

PD-21-5 Justify Your Prosthesis/Implant/Ventilating Tube

Timothy T. K. Jung

Department of Otolaryngology, Loma Linda University, Loma Linda, CA, USA

PD-21-6 Abstract for Ossiculoplasty Panel

Arun K. Gadre

Heuser Hearing Institute Endowed Professor of Otology & Neurotology University of Louisville, USA

Panel Discussion 22

June 7th, Thursday 11:20~12:50 Room 1

PD-22 Temporal Bone Malignancy

Moderators:

David A. Moffat

Department of Neuro-otology and skull base Surgery, Addenbrookes Cambridge University, Hospital, UK

Takashi Nakagawa

Department of Otorhinolaryngology and Head and Neck Surgery, Fukuoka University School of Medicine, Japan

PD-22-1 Outcome of Radical Surgery and Post-Operative Radiotherapy for Squamous Carcinoma of the Temporal Bone

David A. Moffat

Department of Neuro-otology and skull base Surgery, Addenbrookes Cambridge University, Hospital, UK

PD-22-2 Pathology, Presenting Features, Investigation

Hisashi Sugimoto, Makoto Ito, Tomokazu Yoshizaki

Department of Otolaryngology-Head and Neck Surgery, Kanazawa University Graduate School of Medical Science, Japan

PD-22-3 cancelled

PD-22-4 Surgical Management of T1 and T2 Lesions with Outcomes

Takashi Nakagawa, Takayuki Sueta

*Department of Otorhinolaryngology and Head and Neck Surgery, Fukuoka University School of Medicine, Fukuoka, Japan***PD-22-5 Reconstruction after Surgical Treatment of Temporal Bone Malignancy**

Sam Marzo

*Department of Otolaryngology - Head and Neck Surgery, USA***PD-22-6 Radiation Treatment for Temporal Bone Carcinoma**

Yildirim A Bayazit

*Department of Otolaryngology Faculty of Medicine Gazi University Besevler, Ankara, Turkey***PD-22-7 Prognostic Factors for Ear Cancers**

Ken-ichi Nibu, Shingo Hasegawa

*Department of Otolaryngology-Head and Neck Surgery, Kobe University Graduate School of Medicine, Japan***Panel Discussion 23****June 7th, Thursday 9:40~11:10 Room 2****PD-23 Cholesteatoma: A Clinical and Surgical Roadtrip**

Moderator: Badr Eldin Mostafa

*Ain-Shams University Faculty of Medicine, Egypt***PD-23-1 Hassan Wahba***Ain Shams University, Egypt***PD-23-2 The Applicability of Autologous Incus in Cholesteatoma**

Milan Stankovic

*ORL Clinic Nis, Serbia***PD-23-3 Lokman Bin Saim***University Kebangsaan Malaysia Medical Center, Malaysia***PD-23-4 Surgical Treatment of Congenital Cholesteatoma**

Levent Sennaroglu

*Department of Otolaryngology Hacettepe University Medical Faculty Ankara, Turkey***PD-23-5 The Modern Concept of Canal Wall Down Tympanoplasty**

Giovanni Danesi

Chief, ENT and Skull Base Microsurgery Dept. Bergamo Italy

Panel Discussion 24**June 7th, Thursday 11:20~12:50 Room 2****PD-24 Introduction of a Panel, “Decision Making in Tympanoplasty”**

Moderator: Masafumi Sakagami
Department of Otolaryngology, Hyogo College of Medicine, Nishinomiya, Hyogo, Japan

PD-24-1 Hilary Brodie
Department of Otolaryngology University of California, Davis, USA

PD-24-2 Sun O. Chang
Department of otorhinolaryngology Seoul national University College of medicine, Korea

PD-24-3 An-suey Shiao
Department of Otolaryngology, Taipei veterans General Hospital, Taiwan

PD-24-4 Jean-Yves Sichel
Dept of Otolaryngology, Head and Neck Surgery Shaare Fedek Medical Center, Israel

PD-24-5 Tetsuo Ikezono
Department of Otorhinolaryngology, Saitama Medical Univ., Japan

Panel Discussion 25**June 7th, Thursday 9:40~11:10 Room 3****PD-25 Surgical Outcome of Cholesteatoma**

Moderator: Sven-Eric Stangerup
ENT Department, Rigshospital, Copenhagen University, Denmark

PD-25-1 Acquired Cholesteatoma in Children: Long-Term Results and Recurrence of Cholesteatoma
 Sven-Eric Stangerup
ENT Department, Rigshospital, Copenhagen University, Denmark

PD-25-2 Surgical Outcome of Cholesteatoma
 Bruce Black
Royal Children's Hospital, Brisbane Australia

PD-25-3 Surgical Management of Petrous Apex Cholesteatoma: Our Experience of 15 Cases
 Katsumi Doi, Mitsuo Sato, Mie Miyashita, Kazuya Saito, Michio Isono
Department of Otolaryngology, Kinki University Graduate School of Medicine, Japan

PD-25-4 Surgical Outcome of Cholesteatoma
 Tetsuya Tono
Department of Otorhinolaryngology, University of Miyazaki, Miyazaki, Japan

PD-25-5 The Surgical Outcome of Cholesteatoma Surgery in SNUH

Seung-Ha Oh

*Department of Otorhinolaryngology, Seoul National University Hospital, Korea***Panel Discussion 26****June 7th, Thursday 11:20~12:50 Room 3****PD-26 Congenital Cholesteatoma**

Moderator: Jacques Magnan

*Hospital Nord, Service ORL, Marseille, France***PD-26-1 Unusual Presentation of Congenital Middle Ear Cholesteatoma**

Keehyun Park

*Dept. of ENT, Ajou University School of Medicine, Suwon, Korea***PD-26-2 Congenital Cholesteatoma of the Middle Ear: Results of Surgery in 54 Cases**Katsumi Doi¹, Mitsuo Sato¹, Mie Miyashita¹, Kazuya Saito¹, Yumi Oota²¹*Department of Otolaryngology, Kinki University Graduate School of Medicine, Japan*²*Department of Otolaryngology, Osaka University Graduate School of Medicine, Japan***PD-26-3 Clinical Characteristics of Congenital Cholesteatoma**

Seung-Ha Oh

*Department of Otorhinolaryngology, Seoul National University Hospital, Korea***PD-26-4 The Influence of Middle Ear Infections on the Diagnosis of Congenital Cholesteatoma**

Takao Yabe, Yuta Inoue, Masami Matuura

*Tokyo Metropolitan Hiroo Hospital, Japan***PD-26-5 Congenital Cholesteatoma**

S. Armagan Incesulu

*Eskisehir Osmangazi University, Faculty of Medicine, Department of Otolaryngology-Head&Neck Surgery, Meselik-Eskisehir, Turkey***PD-26-6 Congenital Cholesteatoma**

Alessandra Russo

Gruppo Otologico Piacenza, Italy

Mini Lectures

Mini Lecture 1

June 4th, Monday 14:45~15:05 Room 4

ML-1 Novel Biochemical Diagnosis of Perilymphatic Fistula

Moderator: Mamoru Suzuki

Department of Otolaryngology, Tokyo Medical University, Japan

Tetsuo Ikezono

Department of Otorhinolaryngology, Saitama Medical School, Saitama, Japan

Mini Lecture 2

June 4th, Monday 15:10~15:30 Room 4

ML-2 Conservative Treatment of Cholesteatoma by 5-FU Ointment

Moderator: Ewa Olszewska

Department of Otolaryngology, Medical University of Bialystok, Poland

Tomomi Yamamoto-Fukuda, Haruo Takahashi

Department of Otolaryngology-Head and Neck Surgery, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

Mini Lecture 3

June 4th, Monday 15:35~16:05 Room 4

ML-3 CI & Music Perception

Moderator: Kimitaka Kaga

National Institute of Sensory Organs, National Tokyo Medical Center, Japan

Takayuki Nakata

Department of Complex and Intelligent Systems, Future University Hakodate, Hakodate, Japan

Mini Lecture 4

June 5th, Tuesday 10:40~11:00 Room 4

ML-4 Automatic Mastoidectomy and Human-Robot Collaboration

Moderator: Jaesung Hong

Department of Robotics Engineering, Graduate School, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Korea

Nozomu Matsumoto

Department of Otorhinolaryngology, Kyushu University, Fukuoka, Japan

Mini Lecture 5**June 5th, Tuesday 11:05~11:25 Room 4****ML-5 Cochlear Implants in Single-Sided Deafness****Moderator:** Kozo Kumakawa*Dept. of Otolaryngology & Hearing Center, Toranomon Hospital, Japan***Joachim Müller***Section Cochlear Implants and Hearing Prosthetics**Department of Otorhinolaryngology, Head & Neck Surgery, Munich University, Germany***Mini Lecture 6****June 5th, Tuesday 11:30~11:55 Room 4****ML-6 FOX: Artificial Intelligence for Automatic Fitting of CIs****Moderator:** Joachim Müller*Department of Otorhinolaryngology, Head and Neck Surgery, Munich University, Germany***Paul J Govaerts^{1,2}, Bart Vaerenberg^{1,2}, Wojtek Kowalczyk³, Javier Diez³**¹*Eargroup, Belgium*²*University of Antwerp, Belgium*³*Free University of Amsterdam, The Netherlands*⁴*UNED, Spain***Mini Lecture 7****June 5th, Tuesday 14:25~14:45 Room 4****ML-7 Robotic Surgery of Cochlear Implantation****Moderator:** Jaesung Hong*Department of Robotics Engineering, Graduate School, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Korea***Marco Caversaccio, Brett Bell, Christof Stieger, Martin Kompis, Stefan Weber***Dept of ORL Head and Neck Surgery, University of Bern, Switzerland***Mini Lecture 8****June 5th, Tuesday 14:50~15:10 Room 4****ML-8 Middle Ear Regeneration of Grafting of Epithelial Cell Sheet****Moderator:** Masafumi Sakagami*Department of Otolaryngology, Hyogo College of Medicine, Japan***Hiromi Kojima***Department of Otorhinolaryngology, The Jikei University of Medicine, Tokyo, Japan*

Mini Lecture 9**June 5th, Tuesday 15:15~15:35 Room 4****ML-9 The Current Status of Developing a Fully Implantable Hearing Device with New Type of Transducer in Korea**

Moderator: Kiyofumi Gyo
Dept. of Otolaryngol, Ehime University, Japan

Sang-Heun Lee¹, Kyu-Yup Lee¹, Jin-Ho Cho²
¹*Department of Otolaryngology-Head and Neck Surgery, School of Medicine, Kyungpook National University, Korea*
²*School of Electronics Engineering, College of IT Engineering, Kyungpook National University, Daegu, Korea*

Mini Lecture 10**June 6th, Wednesday 9:00~9:20 Room 4****ML-10 Direct Acoustic Cochlear Stimulation (DACS)**

Moderator: Kaoru Ogawa
Dept. Otolaryngology, School of Medicine Keio University, Japan

Marco Caversaccio, Christof Stieger, Rudolf Häusler, Martin Kompis
Dept of ORL, Head and Neck Surgery, University of Bern, Switzerland

Mini Lecture 11**June 6th, Wednesday 9:25~9:45 Room 4****ML-11 Graphic Presentation of ET Function by State-of the Art CT System**

Moderator: Masahiro Morita
Department of Otolaryngology, Kyorin University School of Medicine, Japan

Satoshi Yoshioka
Department of Otorhinolaryngology, Fujita Health University, Aichi, Japan

Mini Lecture 12**June 6th, Wednesday 9:50~10:30 Room 4****ML-12 Regenerative Ear Surgery**

Moderator: Juichi Ito
Dept. of Otolaryngology-Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Japan

ML-12-1 Hybrid Tympanoplasty for Chronic Otitis Media

Shin-ichi Kanemaru^{1,2}
¹*Department of Otolaryngology, The Foundation for Biomedical Research and Innovation, Japan*
²*Department of Otolaryngology, Head and Neck Surgery, Medical Research Institute, Kitano Hospital, Japan*

ML-12-2 Tympanic Membrane Regeneration Using bFGF Combined with Atelocollagen

Nobuhiro Hakuba

Ehime University School of Medicine, Japan

Politzer Society Session

Politzer Society Session

June 4th, Monday 16:20~17:50 Room 1

PS Posterior Mesotympanic Cholesteatoma

Moderator: Nuri Ozgirgin
Bayindir Hospital-Ankara, Turkey

PS-1 Jacques Magnan
Hospital Nord, Service ORL, Marseille, France

PS-2 Carlos Cenjor
Servicio ORL Fundacion Jimenez Diaz-Clinica Nuestra Senora Concepcion, Madrid, Spain

PS-3 Approach to the Posterior Mesotympanic Cholesteatoma
Seung Ha Oh
Department of Otorhinolaryngology, College of Medicine, Seoul, Korea

PS-4 Posterior Mesotympanic Cholesteatoma - Politzer Society Session
Mohan Kameswaran
Madras ENT Research Foundation, India

PS-5 Role of Sniffing in Mesotympanic Cholesteatoma
Manohar Bance, Julian Savage, Fawaz Makki, Phillip Garland
Dalhousie University, Halifax, Nova Scotia, Canada

Gruppo Otologico Session

Gruppo Otologico Session

June 4th, Monday 9:45~11:15 Room 3

Moderator: Mario Sanna
Gruppo Otologico, Piacenza, Italy

GO-1 Alessandra Russo
Gruppo Otologico, Piacenza, Italy

GO-2 Refinements in Translabyrinthine Approach
Maurizio Falcioni
Gruppo Otologico, Piacenza, Italy

GO-3 Enrico Piccirillo
Gruppo Otologico, Piacenza, Italy

GO-4 Closed TPL: Indications and Techniques
Antonio Caruso
Gruppo Otologico, Piacenza, Italy

GO-5 Subtotal Petrosectomy in Middle Ear and Lateral Skull Base Surgery
Filippo Di Lella
Gruppo Otologico, Piacenza, Italy

GO-6 Modified Bondy Tympanoplasty
Anna Lisa Giannuzzi
Gruppo Otologico, Piacenza, Italy

EAONO Session

EAONO Session

June 6th, Wednesday 14:00~15:30 Room 1

ES EAONO Guideline Studies on Cholesteatoma - 90 minutes

Chairman: Franco Trabalzini
Otology and skull base surgery dept. Siena university hospital, Italy

Moderator: Nuri Ozgirgin
Bayindir Hospital-Ankara, Turkey

ES-1 The EAONO Session: EAONO Guideline Studies on Cholesteatoma

S. Armagan Incesulu

Eskisehir Osmangazi University, Faculty of Medicine, Department of Otolaryngology-Head&Neck Surgery, Turkey

ES-2 The EAONO Session: Apoptosis in Congenital and Acquired Cholesteatoma

Ewa Olszewska

Department of Otolaryngology Medical University of Bialystok, Poland

ES-3 Radiological Evaluation of Cholesteatoma

Erwin Offeciers¹, Jan Casselman^{2, 3}, Bert De Foer²

Depts. of ORL¹ & Radiology², Sint-Augustinus Hospital, Wilrijk – Antwerpen , Dept. of Radiology, Sint-Jans Hospital, Bruges³, Belgium

ES-4 EAONO Guideline Studies on Cholesteatoma

Holger Sudhoff

Otolaryngology, Head and Neck Surgery, Bielefeld Academic Teaching Hospital, Germany

ES-5 Guideline on the Management of Retraction Pocket – A Discussion on the Methodology

Matthew Yung, Codruta Neumann

Ipswich Hospital NHS Trust, Ipswich, UK

ES-6 Doe's the Use of A Classification for Acquired Cholesteatoma Influences the Choice of the Surgical Technique

A. Robier, A. Roux, E. Lescanne, D. Bakhos

ENT Department, University Hospital Bretonneau, France

Instruction Courses

Instruction Course 1

June 4th, Monday 8:00~8:50 Room 2

IC-1 Tympanoplasty that Works Best

Timothy T. K. Jung

Department of Otolaryngology, Loma Linda University, Loma Linda, CA, USA

Instruction Course 2

June 4th, Monday 8:00~8:50 Room 3

IC-2 Bilateral Cochlear Implantation in Children

Joachim Müller, Franz Schön, Stefan Brill, John Martin Hempel, Jan Helms

Department of Otolaryngology, University of Würzburg, Germany

Instruction Course 3

June 4th, Monday 8:00~8:50 Room 4

IC-3 The Role of Non-Echo Planar Diffusion Weighted MRI in the Work-Up and Follow-Up of Cholesteatoma

Erwin Offeciers¹, Jan Casselman^{2,3}, Bert De Foer²

¹*ORL Department Sint-Augustinus Hospital Wilrijk-Antwerpen Belgium*

²*Dept. of Radiology, Sint-Augustinus Hospital, Wilrijk-Antwerpen, Belgium*

³*Dept. of Radiology, Sint-Jans Hospital, Bruges, Belgium*

Instruction Course 4

June 4th, Monday 8:00~8:50 Room 5

IC-4 Intact Canal Wall Tympanomastoidectomy for Cholesteatoma : Technical Tips Traps Pitfalls and Results

David A. Moffat

Consultant in Otoneurological and Skull Base Surgery, Addenbrooke's, Cambridge University Hospital, Hills Road, Cambridge, CB2 2QQ, UK.

Instruction Course 5

June 4th, Monday 8:00~8:50 Room 6

IC-5 Hearing Rehabilitation After Surgery – ME Implant”

Angel Ramos-Macías

University of Las Palmas: ENT Department, Spain

Manuel Manrique

Ent Dpt-Clinica University De Navarra, Spain

Instruction Course 6**June 4th, Monday 8:00~8:50 Room 7****IC-6 Open Tympanoplasty -Basic Technique**

Levent Olgun, Mehmet Ziya Ozuer

*Izmir Bozyaka Teaching&Research Hospital Izmir Turkey***Instruction Course 7****June 5th, Tuesday 8:00~8:50 Room 2****IC-7 Intact Bridge Stapedioplasty**

Levent Olgun

*Izmir Bozyaka Teaching and Research Hospital Izmir Turkey***Instruction Course 8****June 5th, Tuesday 8:00~8:50 Room 3****IC-8 Canal Wall Down Technique: Gruppo Otologico Experience**

Enrico Piccirillo

Gruppo Otologico Piacenza Roma, Italy

Alessandra Russo

*Gruppo Otologico Piacenza Roma, Italy***Instruction Course 9****June 5th, Tuesday 8:00~8:50 Room 4****IC-9 Endoscopic Surgery**

Carlos Cenjor

*Servicio ORL Fundacion Jimenez Diaz-Clinica Nuestra Senora Conception, Madrid, Spain***Instruction Course 10****June 5th, Tuesday 8:00~8:50 Room 5****IC-10 Recurrence of Attic Cholesteatoma, Different Methods of Estimating Recurrence Rates**

Sven-Eric Stangerup

ENT Department, Rigshospital, Copenhagen University, Denmark

Instruction Course 11**June 5th, Tuesday 8:00~8:50 Room 6****IC-11 Teaching the Art of Middle Ear and Mastoid Surgery Through Simulation**

Ashkan Monfared

*George Washington University, USA***Instruction Course 12****June 5th, Tuesday 8:00~8:50 Room 7****IC-12 Pearls and Pitfalls in Reconstructive Middle Ear Surgery**Joachim Müller¹, John Martin Hempel²¹*Department of Otolaryngology, University of Würzburg, Germany*²*Ludwig Maximilians University, Munich, Germany***Instruction Course 13****June 6th, Wednesday 8:00~8:50 Room 2****IC-13 Retraction Pockets, How to Deal with?**

M. Ibrahim Hizalan

*Novomed ENT Center, Bursa, Turkey***Instruction Course 14****June 6th, Wednesday 8:00~8:50 Room 3****IC-14 Middle Ear Cleft Atelectasis – Pathogenesis Oriented Therapeutic Management**

Bernard Ars

*E.N.T. University of Antwerp, Temporal Bone Foundation Brussels, Belgium***Instruction Course 15****June 6th, Wednesday 8:00~8:50 Room 4****IC-15 Complications of CSOM, Their Presentation and Management**

Badr Eldin Mostafa

*Department of ORL-HNS Ain Shams University, Egypt***Instruction Course 16****June 6th, Wednesday 8:00~8:50 Room 5****IC-16 How to Assess the Audiological Results of Cochlear Implantation?**Paul J Govaerts^{1,2}, Bart Vaerenberg^{1,2}, Kristin Daemers¹, Geert De Ceulaer^{1,2}, Martine Coene^{1,3}¹*Eargroup, Belgium*²*University of Antwerp, Belgium*³*Free University of Amsterdam, The Netherlands*

Instruction Course 17**June 6th, Wednesday 8:00~8:50 Room 6****IC-17 The Role of Subtotal Petrosectomy in Cochlear Implant Surgery**

Maurizio Falcioni

Gruppo Otologico Piacenza Roma, Italy

Filippo Di Lella

*Gruppo Otologico Piacenza Roma, Italy***Instruction Course 18****June 7th, Thursday 8:00~8:50 Room 2****IC-18 Influence on Taste Sensation - Chorda Tympani Nerve**

Masafumi Sakagami

*Department of Otolaryngology, Hyogo College of Medicine, Nishinomiya, Hyogo, Japan***Instruction Course 19****June 7th, Thursday 8:00~8:50 Room 3****IC-19 Technique to Simplify Myringoplasty**

Yu Yuasa

*Sendai Ear Surgicenter, Japan***Instruction Course 20****June 7th, Thursday 8:00~8:50 Room 4****IC-20 Mastoidectomy Posterior Wall Reconstruction and Mastoid Obliteration (MAPRO)**

Jona Kronenberg

*Assaf Harofeh Medical Center, Israel***Instruction Course 21****June 7th, Thursday 8:00~8:50 Room 5****IC-21 Endoscopic Surgery and its Various Options**

Hideo Edamatsu, Mamiko Yasuda, Kouji Matsushima, Toshinari Suetsugu, Kouta Wada

The First Department of Otolaryngology, Toho University School of Medicine, Tokyo, Japan

Instruction Course 22**June 7th, Thursday 8:00~8:50 Room 6****IC-22 MRI Evaluation of Middle Ear Pathologies**

Takao Kodama

*Department of Radiology, University of Miyazaki, Miyazaki, Japan***Instruction Course 23****June 7th, Thursday 8:00~8:50 Room 7****IC-23 The Role of BAHA in Middle Ear surgery for Hearing Rehabilitation**

Antonio Caruso

Gruppo Otologico, Piacenza, Italy

Anna Lisa Giannuzzi

Gruppo Otologico, Piacenza, Italy

Live Cadaver Temporal Bone Dissections

Live Cadaver Temporal Bone Dissection1 June 5th, Tuesday 12:05~13:45 Room 2

TB-1 Endoscopic Dissection of Tympanic Cavity

Moderators: Seiji Kakehara
Department of Otolaryngology, Yamagata University, Japan

Joao Flavio Nogueira
São Paulo ENT Center, Brazil

Surgeon: Daniele Marchioni
Department of Otolaryngology and Head and Neck Surgery, University of Modena and Reggio Emilia, Italy

Live Cadaver Temporal Bone Dissection2 June 6th, Wednesday 12:20~13:50 Room 2

TB-2 Surgical Anatomy of the Whole Temporal Bone

Moderators: Sho Hashimoto
National Sendai Medical Center, Japan

Matthew Yung
Department of Otolaryngology, The Ipswich Hospital NHS Trust, UK

Surgeon: Mario Sanna
Gruppo Otologico, Piacenza, Italy

Sponsored Seminars

Sponsored Seminar 1

June 4th, Monday 16:20~17:50 Room 2

Co-Sponsored by J. MORITA MFG. CORP.

J.MORITA MFG.CORP.

SS-1 Imaging - Cone-Beam CT

Kyoto Japan

Moderator: A. Jochen Werner

Dept. of Otolaryngology, Head and Neck Surgery, Marburg University, Germany

SS-1-1 The Utility of High Resolution Cone Beam CT in Middle and Inner Ear Imaging

D. Bradley Welling¹, Naoaki Yanagihara²

¹Department of Otolaryngology Head & Neck Surgery, The Ohio State University, Columbus, Ohio, USA

²Ehime University School of Medicine and Takanoko Hospital, Japan

SS-1-2 Imaging - Cone-Beam CT for the Evaluation of Autophony

Dennis Poe

Childrens Hospital Boston and Harvard Medical School, USA

SS-1-3 Office-Based Radiological Examinations of the Middle Ear

Hiroshi Ogawa

Aizu Medical Center, Fukushima Medical University, Fukushima, Japan

SS-1-4 Imaging - Cone Beam CT

Carsten V. Dalchow

ENT Department, University Medical Center, Hamburg Eppendorf, Germany

SS-1-5 Cone-Beam CT Images of the Scutum Defect as A Tool of Preoperative Assessments

Masahiro Komori

Department of Otolaryngology, Kochi University, School of Medicine, Nankoku Japan

Sponsored Seminar 2

June 4th, Monday 11:55~12:45 Room 2

Co-Sponsored by MED-EL

MED[®]EL

SS-2 Passive Protheses and Active Implants for Better Hearing

Moderator: Shin-ichi Usami

Department of Otorhinolaryngology, Shinshu University, Japan

Jan Helms

Univ.-HNO-Klinik Würzburg, Germany

Sponsored Seminar 3**June 4th, Monday 11:55~12:45 Room 3**

Co-Sponsored by Cochlear

SS-3 Restoring Hearing in Chronic Ear Disease: Baha and CI: Present and Future

Moderator: Yasushi Naito

Kobe City Medical Center General Hospital, Japan

Stephen Cass

*Department of Otolaryngology, University of Colorado School of Medicine, Denver, Colorado, USA***Booth Seminar 1****June 5th, Tuesday 12:00~12:30****June 6th, Wednesday 11:00~11:30****BS-1 Cone-Beam CT: Preoperative Diagnosis and Virtual Simulation for Ear and Paranasal Sinus Surgery**

Yasuyuki Hinohira

*Department of Otorhinolaryngology, Showa University School of Medicine, Tokyo, Japan***Booth Seminar 2****June 4th, Monday 14:45~/16:30****June 5th, Tuesday 09:00~/10:30~/14:30****BS-2 Baha Surgical Tech Suite**

Stephen Cass

Department of Otolaryngology, University of Colorado School of Medicine, USA