



IWGEES
International Working Group
on Endoscopic Ear Surgery
President: Livio Presutti

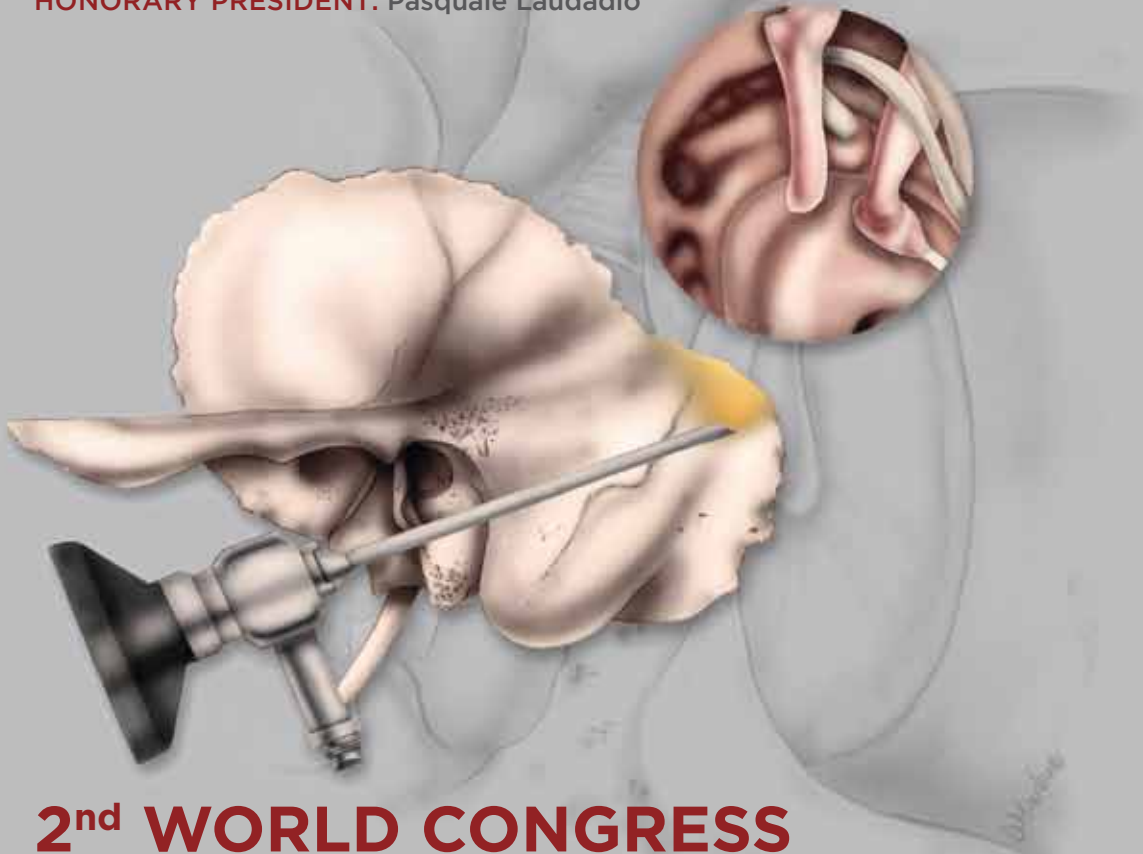


Università degli Studi
di Modena e Reggio Emilia



Università degli Studi
di Verona

HONORARY PRESIDENT: Pasquale Laudadio



2nd WORLD CONGRESS on ENDOSCOPIC EAR SURGERY

Bologna - Italy
27, 28, 29 April 2017

CHAIRMEN: Livio Presutti, Muaz Tarabichi, Daniele Marchioni

PROGRAM

THURSDAY 27 APRIL 2017

8.00 - 8.30 am

Room
SALONE DEL PODESTÀ

8.30 - 8.45 am

Registration

Open Ceremony

S. Bonaccini, PRESIDENT OF EMILIA ROMAGNA REGION
A.O. Andrisano, PRESIDENT OF MODENA UNIVERSITY

Introduction

D. Marchioni, L. Presutti, M. Tarabichi

ROUND TABLE and SYMPOSIA

PRESIDENTS: G. Motta, M. Iengo

8.45 - 9.00 am

IWGEES birth and evolution

S. Ayache

9.00 - 9.30 am

The real value of EES:

Endoscopic anatomy and physiological basis

D. Marchioni

9.30 - 11.00 am

Myringoplasty

Chair: S. Ayache

Panelists: R. D'Eredità, A. Gadre, N. Nassif

11.00 am - 12.30 pm

Cholesteatoma Surgery:

exclusive endoscopic approach

Chair: M. Tarabichi

Panelists: J.F. Nogueira, N. Patel, S. Preyer, A. Remenschneider

12.30 - 12.45 pm

Surgical Experience using Biodesign Graft

F. Mattioli

in collaboration with Cook Medical

12.45 - 1.00 pm

Surgical Experience using Piezosurgery device

D. Villari

in collaboration with Mectron

1.00 - 2.00 pm

Lunch

2.00 - 3.30 pm

Cholesteatoma Surgery:

combined endoscopic/microscopic approach

Chair: D. Lee

Panelists: G. De Donato, C.A. Leone, A. Özdek, A. Saxby

3.30 - 4.30 pm

Stapes Surgery

Keynote lecture: A. Rivas

Panelists: C. Cenjor, A.G. Dragonetti, A. Gallo, E.A. Guneri,
H. Kojima

4.30 - 5.30 pm

Middle ear tumors

Chair: M. Badr El-Dine

Panelists: M. Tong, G. Wanna

THURSDAY 27 APRIL 2017

Room SALA DI RE ENZO

Morning Session

9.30 - 10.30 am

PRESIDENTS: R. Albera, A. Pirodda

Robot cochlear implantation: a reality

M. Caversaccio

10.30 - 11.30 am

Middle ear anatomy

M. Bonali

11.30 am - 12.30 pm

Training in otology: animal models, simulation, syntetic model, cadaveric dissection

L. Anschütz

12.30 - 1.30 pm

Endoscopic anatomy of the round window region related to the CI

D. Soloperto

1.30 - 2.00 pm

Lunch

2.00 - 2.20 pm

4K new technology

M. Ghizzo

in collaboration with Olympus Europa

Afternoon Session

2.30 - 3.30 pm

PRESIDENTS: M. Amadori, E. Genovese

Radiology of middle ear and inner ear

R. Maroldi

3.30 - 4.30 pm

Ossiculoplasty: state of the art

R. Vincent

4.30 - 5.30 pm

Endoscopic assisted surgery during microscopic approach: when and why

L. Sacchetto

8.00 pm

Welcome Cocktail

Room SALA DEL QUADRANTE

11.00 am - 5.00 pm

ENDOSCOPIC DISSECTION LABORATORY

FRIDAY 28 APRIL 2017

Room SALONE DEL PODESTÀ

8.15 - 8.30 am

ROUND TABLE and SYMPOSIA

PRESIDENTS: R. Puxeddu, G. Paludetti

History, principles and current perspectives of EES

J.F. Nogueira

8.30 - 9.00 am

Endoscopic Ear Surgery:

Where we started and where we are

J.M. Thomassin

9.00 - 10.00 am

Instruments and tools

Chair: S. Kakehata

Panelists: G. Panetti, D. Villari

10.00 - 11.00 am

Training and learning curve

Chair: D. Pothier

Panelists: L. Anschütz, M. Fina, W. Kutz, F. Mattioli

11.00 - 12.00 am

Problems and solutions: bleeding, anesthesia, packing, graft position, flap retraction, ear canal granulation

Chair: M. Reddy

Panelists: M. Bonali, J. Kong, R. Ngo

12.00 - 1.00 pm

Endoscopic inner ear surgery

Chair: L. Presutti

Panelists: G. Danesi, B. Isaacson, D. Marchioni

1.00 - 1.15 pm

3rd WORLD CONGRESS on ENDOSCOPIC EAR SURGERY Boston 2019

D. Lee

1.15 - 2.00 pm

Lunch

2.00 - 3.00 pm

Traditional CWD Tympanoplasty: current indications

Chair: G. Paludetti

Panelists: L.O. Piccioni, F. Trabalzini

3.00 - 4.00 pm

Cochlear implants

Chair: L. Migrov

Panelists: M. Aristegui, M. Carner, A.B. Franzetti, S. Orhan

4.00 - 5.30 pm

TEES in pediatric population

Chair: A. James

Panelists: J.F. Anzola, J.C. Casqueiro, M. Cohen, P. Marsella

5.30 - 5.50 pm

Clinical Anatomy of Eustachian Tube

E.M. Cunsolo

Room SALA DI RE ENZO

8.00 - 12.00 am

VIDEO SESSION

PRESIDENTS: F. Galletti, G. Magliulo

Detailed list of presentations from page 16 to page 18

FRIDAY 28 APRIL 2017

Room
SALA DI RE ENZO

12.00 - 1.30 pm

Retraction pocket

Chair: A. Iyer

Panelists: M. Barbara, P. Mir-Salim, C. Wai-Tsz

2.00 - 6.30 pm

YOUNG DOCTORS COMPETITION

Tomoo Watanabe Session

Chair: S. Kakehata

Referees: G. Bianchin, D. Villari

Detailed list of presentations from page 19 to page 21

8.30 pm

Gala Dinner

SATURDAY 29 APRIL 2017

Room
SALONE DEL PODESTÀ

8.30 - 8.50 am

ROUND TABLE

PRESIDENTS: D. Marchioni, A. Canale

Neurovascular decompression

J. Magnan

8.50 - 9.10 am

Acoustic Neuroma Surgery: my point of view

L. Presutti

9.15 - 10.45 am

Neurosurgical corner

Chair: G. Pinna

Panelists: M. Alicandri Ciufelli, B. Masotto, A. Musumeci,
G. Pavesi, C. Sturiale

10.45 - 11.30 am

Quality of life after cholesteatoma surgery

Chair: M. Cohen

Panelists: N. Quaranta, D. Villari

11.30 am - 1.00 pm

LIVE CADAVERIC DISSECTION

Performed by: L. Presutti, D. Marchioni

PRESIDENTS: A. Martini, M. Badr El-Dine, N. Patel

1.00 pm

Final remarks

Room
SALA DI RE ENZO

8.30 - 11.30 am

SESSION 1

CLINICAL CASE & PAPER DISCUSSION

PRESIDENTS: M. Mazzoli, S. Ayache

Detailed list of presentations from page 22 to page 23

Room
SALA DEL QUADRANTE

8.30 - 11.30 am

SESSION 2

CLINICAL CASE & PAPER DISCUSSION

PRESIDENTS: V. Vincenti, A. James

Detailed list of presentations from page 24 to page 25

VIDEO SESSION (Time allotted for oral presentation: 6 minutes)

FRIDAY 28 APRIL 2017

ROOM SALA DI RE ENZO

PRESIDENTS: F. Galletti, G. Magliulo

8.00 - 8.35 am

1. **Endoscopic Tympanoplasty and Stapes Surgery**
Y. Abdurehim
2. **Video Session Extensions of cholesteatoma in the posterior cavities of the middle ear. Peroperative endoscopic decision-making versus preoperative imaging**
S. Ayache
3. **The role of endoscopic ear surgery in the treatment of petrous apex cholesteatoma**
L. Bianconi
4. **Two-handed technique in the endoscopic ear surgery for myringoplasty**
Y. Cui, F. Zhou, H. Huang
5. **Exclusively Endoscopic Transcochlear Approach to Petrous Apex Cholesteatoma**
F.P. Curatoli, F.G. Mangiatordi, C. Russo

Discussion (5 minutes)

8.35 - 9.10 am

6. **Anatomy of the Middle Ear: the endoscopic perspective**
F. Di Maro
7. **Endoscopic treatment of congenital cholesteatoma**
M. Ghirelli
8. **Expanded transcanal transpromontorial approach in a Koos stage II Vestibular Schwannoma**
G. Federici
9. **Roadblocks to the Anterior Attic**
M. Fina
10. **Endoscopic Cholesteatoma Surgery with Piezoelectric Drill**
M. Fina

Discussion (5 minutes)

9.10 - 9.45 am

11. **Endoscopic Approach to Congenital Cholesteatoma and Reconstruction with Tissue Engineered Graft**
M. Fina
12. **Stapes malformation: the contribute of the endoscopy for diagnosis and surgery**
G. Fulco

13. **Transcanal Endoscopic approach for facial nerve decompression in temporal bone fracture**
L. Gazzini, E. Rigoni
14. **Geniculate ganglion hemangioma with facial nerve paralysis: a case report**
M.G. Greco, G. Ferri
15. **Observation of the fulcrum and depth of endoscope during sitting and standing TEES by C-arm fluoroscopy**
C.W. Huang

Discussion (5 minutes)

9.45 - 10.20 am

16. **Transcanal Endoscopic Ear Surgery for Cholesteatoma in Pediatric Patients with a Narrow External Auditory Canal**
T. Ito, T. Kubota Toshinori, T. Furukawa Takatoshi, K. Futai Kazunori, S. Kakehata
17. **Staged surgery to treat adhesive otitis media**
T. Kobayashi, H. Ito, M. Komori, M. Hyodo
18. **Surgical treatment of bilateral congenital cholesteatoma**
B. Le Pera
19. **My First Endoscopic Tympanoplasty in Comparison to the Routine Microscopic Technique; the experience of an Otorhinolaryngology specialist**
O. Metwaly
20. **Endoscopic Stapedotomy: The merits and demerits**
W. Moneir

Discussion (5 minutes)

10.20 - 10.55 am

21. **Endoscopic transcanal decompression of post traumatic facial nerve paralysis**
W. Moneir
22. **Endoscopic transcanal management of atelectatic ear with retraction pocket**
W. Moneir
23. **Exclusive Endoscopic Transcanal Approach for Skull Base Lesion**
I.S. Moon
24. **Endoscopic stapes surgery for otosclerosis**
S. Nishiike
25. **Compartmentalized Functional Endoscopic Ear Surgery**
J. Phookan

Discussion (5 minutes)

10.55 - 11.30 am

26. **Endoscopic cadaver dissection of middle ear**
F. Prieu
27. **Ossiculoplasty in endoscopic ear surgery**
F. Prieu

28. **Transcanal acoustic neuroma surgery:
from endoscopic to microscopic approach**
A. Rubini
29. **Endoscopic assisted cochlear implant surgery in patient with
charge syndrome**
A. Sacchetto
30. **Endoscopy assisted surgery for petrous apex cholesteatoma**
H. Sugimoto

Discussion (5 minutes)

11.30 - 12.00 am

31. **EES Fat graft myringoplasty**
J.M. Thomassin
32. **Transcanal endoscopic myringoplasty**
A. Veneri
33. **Endoscopic Surgical Treatment of EACC and Attic Cholestoma**
Q. Yang

Discussion (5 minutes)



YOUNG DOCTORS COMPETITION

Tomoo Watanabe Session *(Time allotted for oral presentation: 8 minutes)*

FRIDAY 28 APRIL 2017

ROOM SALA DI RE ENZO

Chair: S. Kakehata

Referees: G. Bianchin, D. Villari

2.00 - 2.32 pm

1. **Endoscopic Stapes Surgery: A Systematic Review**
T. Alcantara, C. Salles, M. Lessa
2. **Scoping a Revolution in Middle Ear Surgery:
A Trainee's Perspective on Endoscopic Ear Surgery**
E.K. Bhargava, B. Wong, P. Coyle, C. Swords, A. Patel, A. Qayyum
3. **The role of endoscopy in stapes surgery**
C. Botti, E. Aggazzotti Cavazza, M. Bonali, D. Villari, L. Presutti
4. **Comparison of Endoscopy Tympanoplasty to Microscopic Tympanoplasty**
J.E. Choi

2.32 - 3.04 pm

5. **A star for endoscopic ear surgery**
K. Davies, A. Sanu
6. **Endoscopic ossiculoplasty with autologous and non-autologous
reconstruction materials: a comparison of early hearing outcomes**
J. Dorrity, M. Fina
7. **Cricket, collaboration and clinical governance:
a very British development of an Endoscopic Ear Surgery service**
D. Edwards, T. Allouni, O. Rae, D. Smith, S. Fishpool
8. **Endoscopic vs. Open Tympanomastoid Surgery:
a multi-centre comparison of inpatient length of stay**
D. Edwards, M. Jaafar, O. Rae Oliver, A. Sanu, S. Browning, D. Smith, S. Fishpool

3.04 - 3.36 pm

9. **Facial nerve functional outcome after transcanal transpromontorial
removal of vestibular schwannomas: the experience of Verona and
Modena University Hospitals**
C. Fabbris
10. **Transcanal endoscopic surgical treatment of glomus tympanicum:our
experience**
G. Ferri, M.G. Greco
11. **Endoscopic open technique in patients with middle ear cholesteatoma**
L. Gazzini
12. **Bone cement in endoscopic ear ossiculoplasty**
P. Guarino

3.36 - 4.08 pm

13. **Endoscopic exclusive transcanal approach to the tympanic cavity cholesteatoma in pediatric patients: Experience at Modena and Verona University Hospital**
A. Gulino
14. **Endoscopic Stapes surgery**
I. Haeffeli, F. Prieu, G. Stipech, M.J. Reyes
15. **Total Endoscopic Stapes Surgery: Systematic review and pooled analysis of audiological and complication outcomes**
A. Hall
16. **Video Documentation in Endoscopic Ear Surgery: A new gold standard of care?**
A. Hall

4.08 - 4.40 pm

17. **Endoscopic versus microscopic approach to the ear: depth perception and ease of use**
Y. Kamhieh, A. Sanu
18. **Novel 3D Printed Modular Transcanal Endoscopic Ear Surgery Simulator**
E. Kozin
19. **Does light intensity matter? The effect of light intensity on image quality in endoscopic ear surgery**
R. McCallum, J. McColl, A. Iyer
20. **Endoscopic-Aided Cochlear Implantation; when it should be a must**
O. Metwaly

4.40 - 5.12 pm

21. **Conductive hearing loss after middle ear surgery**
M. Noda
22. **Endoscopic Approach for Stapes Surgery: A Series of Cases in a Teaching Hospital**
H.F. Pauna
23. **Endoscopic transcanal approach to middle ear cholesteatoma. Our first results**
F. Prieu, G. Sanatorio
24. **A comparison of post-operative analgesic requirement in inpatients receiving endoscopic vs. open tympanomastoid surgery**
O. Rae, D. Edwards, D. Smith, S. Fishpool

5.12 - 5.44 pm

25. **The importance of mastoid obliteration in microscopic canal wall up mastoidectomy endoscopic assisted for attic cholesteatoma**
A. Rubini
26. **Endoscopic assisted cochlear implants in ear malformations**
A. Sacchetto

27. The efficacy of transcanal endoscopic ear surgery for congenital middle ear anomalies

A. Saito, T. Ito, T. Watanabe, T. Kubota, T. Furukawa, K. Futai, S. Kakehata

28. Tablet Based High Accuracy Navigation on the Lateral Skull Base

D. Schneider, L. Anschuetz

5.44 - 6.08 pm

29. Cost-utility comparison of endoscopic versus microscopic ear surgery for chronic ear disease

R. Sethi, E. Kozin, M. Eggink, M. Cohen, D. Lee

30. Benefits of Endoscopic myringoplasty in children

G. Stipech

31. Comparison between transtympanic and elevation of tympanomeatal flap approaches in endoscopic tympanoplasty with no surface wound

Y.T. Tsao, C.K. Chen

6.08 - 6.30 pm

Discussion

YOUNG DOCTORS COMPETITION AWARDS

1st best presentation: money grant

2nd best presentation: complimentary registration fee to attend the
International Course on Endoscopic Ear Surgery
Bologna and Modena, 3 - 4 December 2017

3rd best presentation: Endoscopic Ear Surgery Handbook

Winners will be announced during the Gala Dinner

CLINICAL CASE & PAPER DISCUSSION

SESSION 1

SATURDAY 29 APRIL 2017

ROOM SALA DI RE ENZO

PRESIDENTS: M. Mazzoli, S. Ayache

CLINICAL CASE DISCUSSION

(Time allotted for oral presentation: 5 minutes)

8.30 - 9.00 am

1. **Intracochlear Schwannoma: endoscopic exclusive surgical treatment**
S. De Rossi
2. **Totally endoscopic approach on tympanic glom**
A.G. Dragonetti, A. Placentino
3. **Management of large attical erosion**
M. Fina
4. **Retraction pocket with adhesive otitis media.**
M. Fina
5. **Hairy polyp of the eustachian tube and middle ear: endoscopic ear surgery approach for a rare newborn entity**
M. Kurc, P.A. Magliarelli Filho, R.D. Alves

Discussion (5 minutes)

9.00 - 9.25 am

6. **Learning curve and first experiences with endoscopic ear surgery**
M. Kurc, P.A. Magliarelli Filho, R.D. Alves
7. **Post-traumatic facial palsy: an interesting clinical case**
G. Molinari, M.P. Alberici
8. **A rare case of cerebellopontine cistern abscess in a 54 year old male-transcanal endoscopic approach drainage**
S. Saxena, T. John
9. **Treatment of objective tinnitus using EES**
I. Szanyi

Discussion (5 minutes)

PAPER DISCUSSION

(Time allotted for oral presentation: 7 minutes)

9.25 - 9.58 am

1. **Anatomy of the external auditory canal. Comparative study of microscope versus endoscope**
S. Ayache
2. **Quantitative improvement in visualization with endoscope**
M. Bennet

3. **Intraoperative endoscopic second look for cholesteatoma. Outcome and cost comparison**
M. Bennet
4. **Applying endoscopy to locate the round window membrane during cochlear implantation**
W. Chen-Chi

Discussion (5 minutes)

9.58 - 10.31 am

5. **Endoscopic versus microscopic management of congenital ossicular chain anomalies**
W. Chen-Chi
6. **Feasibility and Advantages of Myringoplasty using Transcanal Endoscopic Ear Surgery (TEES)**
T. Furukawa, T. Ito, K. Futai, T. Kubota, A. Saito, S. Kakehata
7. **Endoscopic stapes surgery: Our experience in 20 patients.**
I. Haefeli, F. Prieu, G. Stipech, M.J. Reyes
8. **Simulation in the training of Endoscopic ear surgery (EES); a pilot study**
A. Iyer

Discussion (5 minutes)

10.31 - 11.04 am

9. **The difference in the minimum circumference of the osseous external auditory canal between pediatric and adult patients with cholesteatomas treated with TEES**
T. Kubota
10. **Outcomes of Pediatric EES compared to traditional microscopic techniques**
H. Milczuk
11. **Chorda tympani management in totally endoscopic stapes surgery**
A. Omran
12. **Transcanal endoscopic ear surgery for congenital cholesteatoma**
J.H. Park, J.E. Choi, J. Ahn, J.H. Jang, I.J. Moon

Discussion (5 minutes)

11.04 - 11.37 am

13. **Modified Endoscopic transcanal transpromontoral approach for treatment of internal auditory canal vestibular schwannomas**
S.H. Park, S.I. Nam, K.H. Baek, I.S. Moon
14. **Endoscopic Transcanal Vestibular Nerve Section with Hearing Preservation: A Pilot Cadaveric Study**
A. Remenschneider, E. Kozin, J. Kempfle, D. Lee
15. **Transcanal endoscopic inlay tympanoplasty using tragal chondroperichondria**
J.Q. Sun
16. **Application of endoscopic surgery for otosclerosis**
H. Wu

Discussion (5 minutes)

CLINICAL CASE & PAPER DISCUSSION

SESSION 2

SATURDAY 29 APRIL 2017

ROOM SALA DEL QUADRANTE

PRESIDENTS: V. Vincenti, A. James

CLINICAL CASE DISCUSSION

(Time allotted for oral presentation: 5 minutes)

8.30 - 9.10 am

1. **My first cholesteatoma case**
N. Calgaro
2. **A challenging case of cochlear implantation**
C. Fabbris
3. **Endoscopic transcanal excision of congenital cholesteatomas: outcomes and technique, including a case of bilateral concurrent excision**
S. Hoff
4. **Endoscopic removal of a neuroendocrine adenoma of the middle ear**
Y. Honkura, D. Yamauchi, Y. Hara, Y. Kobayashi, Y. Shimizu, H. Hidaka, T. Kawase, Y. Katori
5. **Ten Years after Excision of Endolymphatic Sac Adenocarcinoma; follow up of a clinical case**
O. Metwaly
6. **Multiple cerebral venous thrombosis after endoscopic stapedoplasty: A potential role of endoscope produced heat?**
R. Salzman
7. **Endoscopic mastoidectomy for cholesteatoma with mastoid extension**
W. Wang

Discussion (5 minutes)

PAPER DISCUSSION

(Time allotted for oral presentation: 7 minutes)

9.10 - 9.43 am

1. **Initial experience of endoscopic ear surgery in Bangladesh**
M.A. Alam
2. **Native endoscopic ear surgeon**
N. Calgaro
3. **The changes of sound gain after endoscopic tympanoplasty type 1**
C.K. Chen
4. **Two-handed technique in the endoscopic ear surgery for myringoplasty**
Y. Cui, F. Zhou, H. Huang

Discussion (5 minutes)

9.43 - 10.11 am

5. **Pediatric Endoscopic Tympanoplasty & Myringoplasty: Outcomes of the First 50 Cases**
S. Hoff
6. **Endoscopic versus microscopic approach to the ear: depth perception and ease of use**
Y. Kamhieh, A. Sanu
7. **Lessons learned and complications encountered in cholesteatoma surgery**
E. Meyer
8. **Intrameatal acoustic neuroma with petrous apex extension**
A. Rubini

Discussion (5 minutes)

10.11 - 11.00 am

9. **Endoscopic Assisted Combined Approach Cochlear Implantation in Pediatric Patients: Safe and Easy**
M. Salem
10. **Evaluation of the reasons for conversion of endoscopic ear surgery to an open procedure**
R.A. Scott, A. Iyer
11. **Is the Outcome of Endoscopic Myringoplasty Better Than Microscopic Myringoplasty?**
K. Tay, Y.B. Tan Barrie
12. **Development of an endoscope for “underwater” ear surgery capable of assisting with cochlear implantation**
D. Yamauchi, T. Matsunaga Tadao, Y. Honkura, K. Akiyama, Y. Hara, H. Hidaka, Y. Haga, T. Kawase, Y. Katori
13. **Clinical research of tragus cartilage-perichondrium composite graft under endoscope on treatment of tympanic membrane perforation**
W. Zhang

Discussion (5 minutes)

POSTER SESSION

Posters will be displayed throughout the Congress in the digital poster session area (ROOM **SALA DEGLI ATTI**)

1. **Endoscopic ear surgery for Incudostapedial joint arthroplasty**
T. Alcantara, P. Moraes Sarmento
2. **Alexandria university experience in exclusive endoscopic transcanal removal of middle ear glomus tympanicum tumor:**
M. Badr-El-Dine, M. Ebaied Tamer Sayed
3. **Endoscopic-Assisted Transmastoid Marsupialization of Petrous Apex Cholesterol Granuloma**
K.H. Baek, G. Na, J.M. Lee, I.S. Moon
4. **Endoscopic-assisted Middle Ear Surgery: A Precursor to Transcanal Endoscopic Exclusive Surgery**
E.K. Bhargava, A. Patel, A. Qayyum
5. **A case of otosclerosis with ossicular chain involvement and remodeling.**
F. Canzano, C. Botti, M. Alicandri Ciufelli
6. **The Efficacy of Endoscopic Exploratory Tympanotomy in Conductive Hearing Loss Patients**
H.H. Cho, S. Lee, E.S. Jeon
7. **A star for endoscopic ear surgery**
K. Davies, Mr A. Sanu
8. **Alexandria university experience in exclusive endoscopic transcanal removal of middle ear glomus tympanicum tumor:**
M. Ebaied Tamer Sayed, M. Badr-El-Dine
9. **Endoscopic use of a porcine collagen matrix graft in middle ear surgery: early experience**
J. Fussey
10. **Benefits and Principles of Endoscopic Ear Surgery in Pediatric Patients**
I. Haeffeli, F. Prieu, G. Stipech, M.J. Reyes
11. **How Did the Endoscope Change My Clinical Practice in Middle Ear Diseases?**
S.T. Hu, C.K. Chen
12. **Endoscopic vs microscopic approach in stapes surgery: are operative time and learning curve important for making the choice?**
G. Iannella
13. **Bilateral Congenital Cholesteatomas Removed by Endoscopic Ear Surgery**
H. Ifo, A. Nagao, T. Kobayashi, M. Hyodo
14. **Outcomes of transcanal endoscopic ear surgery in patients with congenital cholesteatoma**
S. Kang Woo
15. **Quantitative Imaging Analysis of Transcanal Endoscopic Infracochlear Approach to the Internal Auditory Canal**
J. Kempfle

16. **Three-dimensional displacement during the endoscopic ear surgery: preliminary result**
Y. Kunimoto, T. Fujii, J. Kuya, H. Yazama, H. Takeuchi
17. **Clinical Characteristics of Endoscopic Exploratory Tympanotomy**
I.W. Lee, H.M. Lee, S.K. Kong, S.J. Oh
18. **Endoscopic versus microscopic inlay butterfly cartilage tympanoplasty**
J.D. Lee
19. **Endoscopic stapes surgery: a UK experience**
R. McCallum, C. Yiannakis, A. Iyer
20. **Handicaps of Endoscopic Ear Surgery; do they require a special surgeon to deal with?**
O. Metwaly
21. **Endoscopic surgery for early attic cholesteatoma. Should the ossicular chain be preserved?**
K. Mizutani
22. **Endoscopic assisted approach for perilabyrinthine petrous bone epidermoid**
K.S. Orhan
23. **Transcanal Endoscopic Removal of a Congenital Cholesteatoma in a 4-years Old Girl**
O. Ozfuran, O.F. Calim, B. Guler
24. **Endoscopic Approach for Stapes Surgery: A Series of Cases in a Teaching Hospital**
H.F. Pauna
25. **Endoscopic transcanal approach for congenital cholesteatoma**
F. Prieu, G. Sanatorio
26. **A rare cause of conductive hearing loss: high jugular bulb with bony dehiscence**
C. Rato, D. Duarte, D. Vilhena
27. **Pediatric Middle Ear Congenital Cholesteatoma: A Case Report**
C. Rato, D. Pereira, D. Duarte, D. Vilhena
28. **Surgical considerations on endoscopic ear surgery**
J. Reyes, I. Haeffeli, F. Prieu, G. Stipech
29. **Endoscopic transcanal facial nerve decompression in temporal bone fractures.**
E. Rigoni
30. **Adequate video systems for endoscopic ear surgery**
G. Stipech

POSTERS AWARDS

The best poster award will be announced during the Gala Dinner



IWGEES

International Working Group
on Endoscopic Ear Surgery

PRESIDENT

Livio Presutti Italy

GENERAL SECRETARY

Mohamed Badr-El-Dine Egypt

BOARD MEMBERS

Muaaz Tarabichi Dubai

David Pothier Canada

Daniele Marchioni Italy

Stephane Ayache France

Mohan Reddy India

Seiji Kakehata Japan

Lela Migirov Israel

Joao Flavio Nogueira Brazil

Daniel Lee USA

Alejandro Rivas USA

Information and registration on
www.eesworldcongress2017.com

CONGRESS VENUE

Palazzo Re Enzo

Piazza del Nettuno, 1 - 40124 Bologna - Italy
www.palazzoreenzo.com

SCIENTIFIC COMMITTEE

Domenico Villari, Francesco Mattioli

italy-world-ear-surgery-congress@hotmail.com

ORGANIZING SECRETARIAT

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