

IWGEES

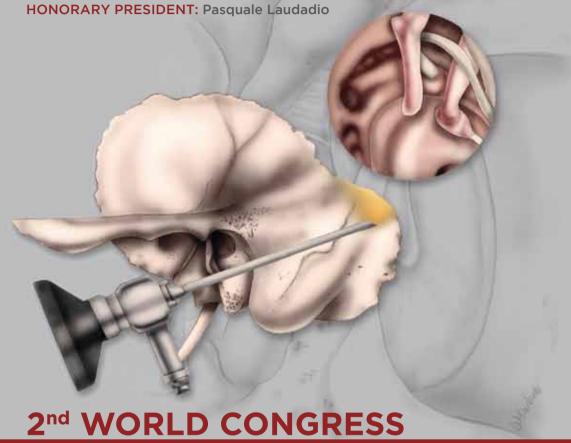
International Working Group on Endoscopic Ear Surgery President: Livio Presutti



Università degli Studi di Modena e Reggio Emila



Università degli Studi di Verona



on ENDOSCOPIC EAR SURGERY

**Bologna - Italy** 27, 28, 29 April 2017

CHAIRMEN: Livio Presutti, Muaaz Tarabichi, Daniele Marchioni

**PROGRAM** 









Università degli Studi di Modena e Reggio Emila



Università degli Studi di Verona

Under the auspices of:



## 2<sup>nd</sup> WORLD CONGRESS on ENDOSCOPIC EAR SURGERY

**Bologna - Italy** 27, 28, 29 April 2017 Palazzo Re Enzo

Neptune Fountain







Basilica of San Petronio

Dear Friends.

it is a true honor for us to host the 2nd World Congress on Endoscopic Ear Surgery. Following the insights of Professor Jean Marc Thomassin and the experiences of Professor Muaaz Tarabichi, and after nearly 10 years of working together, we can affirm that the International Working Group on Endoscopic Ear Surgery has produced significant results. The technique has become more and more widely used around the world.

With regard to surgery of the ear, we can finally speak of functional surgery and not just demolition surgery.

We have included all of the most current topics in our scientific program, and we have tried to devise ways to stimulate lively discussions and a sharing of all our experiences.

Bologna is a city well worth discovering; it is rich in culture and history as well as in the medical arts tradition, and it is famous for the quality of its food.

We chose a historical location in the heart of the city in order to allow participants to enjoy all the beauty of this city. The social program is particularly attractive; we hope you will like it.

We look forward to warmly welcoming you to Bologna.



Livio Presutti

Daniele Marchioni

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Archiginnasio





Mercanzia Palace

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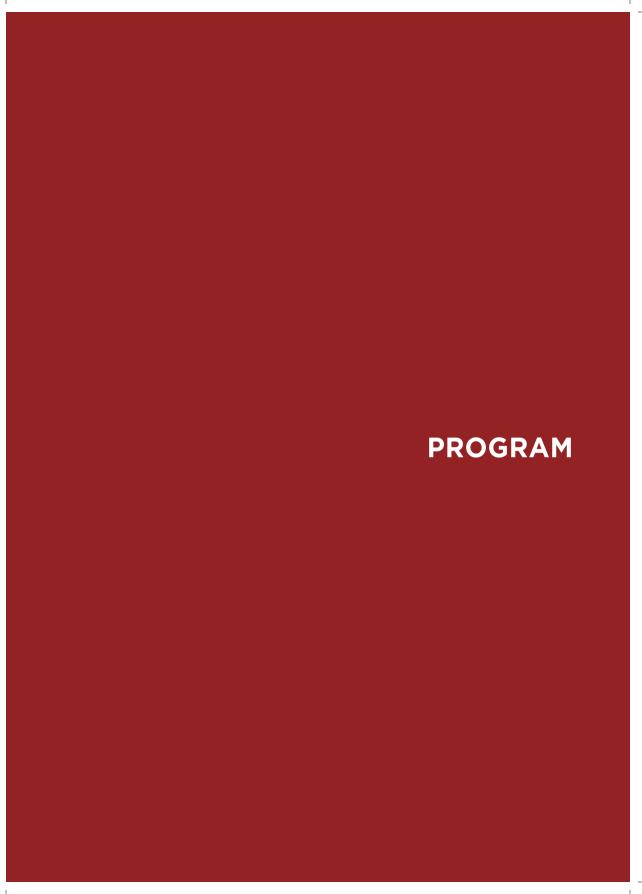
Livio Presutti (Italy)

Two Towers





Santo Stefano



	THU	<b>RSD</b>	AY	27	APRI	L 2017
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8.00 - 8.30 am Registration Room SALONE DEL PODESTÀ **ROUND TABLE and SYMPOSIA** PRESIDENTS: G. Motta, M. lengo 8.30 - 8.45 am Open Ceremony S. Bonaccini, President of Emilia Romagna Region A.O. Andrisano, President of Modena University Introduction D. Marchioni, L. Presutti, M. Tarabichi 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** Chair: 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

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## **THURSDAY 27 APRIL 2017**

Room Sala di Re enzo
Morning Session
0.70 10.70

## **INSTRUCTIONAL COURSES and SYMPOSIUM**

ning Session PRESIDENTS: R. Albera, A. Pirodda

9.30 - 10.30 am 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 PRESIDENT: M. Amadori

2.30 - 3.30 pm 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	ROUND TABLE and SYMPOSIA
	PRESIDENTS: R. Puxeddu, G. Paludetti
8.15 - 8.30 am	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	<b>Training and learning curve</b> Chair: D. Pothier Panelists: L. Anschütz, M. Fina, W. Kutz, F. Mattioli
11.00 - 12.00 am	Problems and solutions: bleeding, anestesia, 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	<b>3<sup>rd</sup> WORLD CONGRESS on ENDOSCOPIC EAR SURGERY Boston 2019</b> D. Lee
1.15 - 2.00 pm	Lunch
2.00 - 3.00 pm	Cochlear implants Chair: L. Migirov Panelists: M. Aristegui, M. Carner, A.B. Franzetti, S. Orhan
3.00 - 4.00 pm	<b>Traditional CWD Tympanoplasty: current indications</b> Chair: G. Paludetti Panelists: L.O. Piccioni, F. Trabalzini
4.00 - 5.30 pm	<b>TEES in pediatric population</b> 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 - 11.30 am	VIDEO SESSION  PRESIDENTS: F. Galletti, G. Magliulo  Patailad list of presentations from page 16 to page 17

Detailed list of presentations from page 16 to page 17

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## FRIDAY 28 APRIL 2017

Room
SALA DI RE ENZO

12.00 - 1.30 pm

**Retraction pocket** 

Chair: A. lyer

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 18 to page 20

8.30 pm Social Dinner

## **SATURDAY 29 APRIL 2017**

Room

SALONE DEL PODESTÀ

**ROUND TABLE** 

PRESIDENTS: D. Marchioni, A. Canale

8.30 - 8.50 am **Neurovascular decompression** 

J. Magnan

8.50 - 9.10 am Acoustic Neuroma Surgery: my point of view

L. Presutti

9.15 - 10.15 am Neurosurgical corner

Chair: G. Pinna

Panelists: M. Alicandri Ciufelli, B. Masotto, A. Musumeci,

G. Pavesi, C. Sturiale

10.15 - 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

PRESIDENT: A. Martini

1.00 pm Final remarks

Room

**SALA DI RE ENZO** 

8.30 - 11.30 am

**SESSION 1** 

**CLINICAL CASE & PAPER DISCUSSION** 

PRESIDENT: M. Mazzoli

Detailed list of presentations from page 21 to page 22

Room
SALA DEL QUADRANTE

8.30 - 11.30 am

SESSION 2

**CLINICAL CASE & PAPER DISCUSSION** 

**PRESIDENT:** V. Vincenti

Detailed list of presentations from page 23 to page 24

## **VIDEO SESSION**

## FRIDAY 28 APRIL 2017

8.00 - 11.30 am

#### **ROOM SALA DI RE ENZO**

PRESIDENTS: F. Galletti, G. Magliulo

- Endoscopic Tympanoplasty and Stapes Surgery Y. Abdurehim
- Video Session Extensions of cholesteatoma in the posterior cavities of the middle ear. Peroperative endoscopic decision-making versus preoperative imaging S. Ayache
- The role of endoscopic ear surgery in the treatment of petrous apex cholesteatoma
   Bignconi
- 4. Two-handed technique in the endoscopic ear surgery for myringoplasty Y. Cui, F. Zhou, H. Huang
- Exclusively Endoscopic Transcochlear Approach to Petrous Apex Cholesteatoma
   F.P. Curatoli, F.G. Mangiatordi, C. Russo
- 6. Anatomy of the Middle Ear: the endoscopic perspective F. Di Maro
- 7. Endoscopic treatment of congenital cholesteatoma M. Ghirelli
- Expanded transcanal transpromontorial approach in a Koos stage II Vestibular Schwannoma G. Federici
- 9. Roadblocks to the Anterior Attic M. Fing
- 10. Endoscopic Cholesteatoma Surgery with Piezoelectric Drill M. Fing
- 11. Endoscopic Approach to Congenital Cholesteatoma and Reconstruction with Tissue Engineered Graft M. Fina
- Stapes malformation: the contribute of the endoscopy for diagnosis and surgery
   G. Fulco
- 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
- 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
- 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
- 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
- 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
- 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

## YOUNG DOCTORS COMPETITION **Tomoo Watanabe Session**

## FRIDAY 28 APRIL 2017

2.00 - 6.30 pm

#### ROOM **SALA DI RE ENZO**

Chair: S. Kakehata

Referees: G. Bianchin, D. Villari

- 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
- 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
- 9. Facial nerve functional outcome after transcanal transpromontorial removal of vestibular schwannomas: the experience of Verona and **Modena University Hospitals** C. Fabbris
- 10. Transcanal endoscpic 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. Research and Practice of Endoscopic Ear surgery in a low resource setting: pitfalls and pearls N.M. Gonzalez
- 13. Bone cement in endoscopic ear ossiculoplasty P. Guarino

14. Endoscopic exclusive transcanal approach to the tympanic cavity cholesteatoma in pediatric patients: Experience at Modena and Verona University Hospital A. Gulino

15. **Endoscopic Stapes surgery**I. **Haeffeli**, F. Prieu, G. Stipech, M.J. Reyes

16. Total Endoscopic Stapes Surgery: Systematic review and pooled analysis of audiological and complication outcomes
A. Holl

17. Video Documentation in Endoscopic Ear Surgery: A new gold standard of care?

A. Hall

 Endoscopic versus microscopic approach to the ear: depth perception and ease of use
 Y. Kamhieh, A. Sanu

- 19. Novel 3D Printed Modular Transcanal Endoscopic Ear Surgery Simulator E. Kozin
- 20. Does light intensity matter? The effect of light intensity on image quality in endoscopic ear surgery R. McCallum, J. McColl, A. Iyer
- 21. Endoscopic-Aided Cochlear Implantation; when it should be a must O. Metwaly
- 22. Conductive hearing loss after middle ear surgery M. Noda
- 23. Endoscopic Approach for Stapes Surgery: A Series of Cases in a Teaching Hospital
  H.F. Pauna
- 24. Endoscopic transcanal approach to middle ear cholesteatoma.
  Our first results
  F. Prieu, G. Sanatorio
- 25. A comparison of post-operative analgesic requirement in inpatients receiving endoscopic vs. open tympanomastoid surgery O. Rae, D. Edwards, D. Smith, S. Fishpool
- 26. The importance of mastoid obliteration in microscopic canal wall up mastoidectomy endoscopic assisted for attic cholesteatoma A. Rubini
- 27. Endoscopic assisted cochlear implants in ear malformations
  A. Sacchetto
- 28. 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

29. Tablet Based High Accuracy Navigation on the Lateral Skull Base D. Schneider, L. Anschuetz

- 30. Cost-utility comparison of endoscopic versus microscopic ear surgery for chronic ear disease
  R. Sethi, E. Kozin, M. Eggink, M. Cohen, D. Lee
- 31. Benefits of Endoscopic myringoplasty in children G. Stipech
- 32. Comparison between transtympanic and elevation of tympanomeatal flap approaches in endoscopic tympanoplasty with no surface wound Y.T. Isgo, C.K. Chen



## **CLINICAL CASE & PAPER DISCUSSION**

## SESSION 1

## **SATURDAY 29 APRIL 2017**

8.30 - 11.30 am

#### ROOM SALA DI RE ENZO

PRESIDENT: M. Mazzoli

#### **CLINICAL CASE DISCUSSION**

- Intracochlear Schwanoma: endoscopic exclusive surgical treatment S. De Rossi
- Totally endoscopic approach on tympanic glom A.G. Dragonetti, A. Placentino
- 3. Management of large attical erosion M. Fing
- Retraction pocket with adhesive otitis media. M. Fina
- 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
- Learning curve and first experiences with endoscopic ear surgery M. Kurc. P.A. Maaliarelli Filho. R.D. Alves
- Post-traumatic facial palsy: an interesting clinical case G. Molingri, M.P. Alberici
- A rare case of cerebellopontine cistern abscess in a 54 year old male-transcanal endoscopic approach drainage S. Saxena, T. John
- Treatment of objective tinnitus using EES I. Szanyi

#### PAPER DISCUSSION

- Anatomy of the external auditory canal. Comparative study of microscope versus endoscope S. Ayache
- 2. Quantitative improvement in visualization with endoscope M. Bennet
- Intraoperative endoscopic second look for cholesteatoma. Outcome and cost comparison M. Bennet
- Applying endoscopy to locate the round window membrane during cochlear implantation W. Chen-Chi

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. Haeffeli, F. Prieu, G. Stipech, M.J. Reyes
- 8. Simulation in the training of Endoscopic ear surgery (EES); a pilot study A. Iyer
- 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
- 12. Transcanal endoscopic ear surgery for congenital cholesteatoma J.H. Park, J.E. Choi, J. Ahn, J.H. Jang, I.J. Moon
- 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

## **CLINICAL CASE & PAPER DISCUSSION**

## SESSION 2

## SATURDAY 29 APRIL 2017

8.30 - 11.30 am

#### **ROOM SALA DEL QUADRANTE**

**PRESIDENT:** V. Vincenti

## **CLINICAL CASE DISCUSSION**

- My first cholesteatoma case N. Calgaro
- 2. A challenging case of cochlear implantation C. Fobbris
- 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
- Ten Years after Excision of Endolymphatic Sac Adenocarcinoma; follow up of a clinical case O. Metwoly
- 6. Multiple cerebral venous thrombosis after endoscopic stapedoplasty: A potential role of endoscope produced heat? R. Salzman
- Endoscopic mastoidectomy for cholesteatoma with mastoid extension W. Wang

#### PAPER DISCUSSION

- Initial experience of endoscopic ear surgery in Bangladesh M.A. Alam
- 2. Native endoscopic ear surgeon N. Calgaro
- 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
- 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
- Endoscopic Assisted Combined Approach Cochlear Implantation in Pediatric Patients: Safe and Easy M. Solem
- Evaluation of the reasons for conversion of endoscopic ear surgery to an open procedure R.A. Scott, A. Iver
- 11. Is the Outcome of Endoscopic Myringoplasty Better Than Microscopic Myringoplasty?
  K.Tay, Y.B. Tan Barrie
- 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
- Clinical research of tragus cartilage-perichondrium composite graft under endoscope on treatment of tympanic membrane perforation W. Zhang



## **POSTER SESSION**

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

- Endoscopic ear surgery for Incudostapedial joint arthroplasty T. Alcantara, P. Moraes Sarmento
- Alexandria university experience in exclusive endoscopic transcanal removal of middle ear glomus tymapanicum tumor: M. Badr-El-Dine, M. Ebaied Tamer Sayed
- Endoscopic-Assisted Transmastoid Marsupialization of Petrous Apex Cholesterol Granuloma
   K.H. Baek, G. Na. J.M. Lee, I.S. Moon
- Endoscopic-assisted Middle Ear Surgery: A Precursor to Transcanal Endoscopic Exclusive Surgery
   E.K. Bhargava, A. Patel, A. Qayyum
- A case of otosclerosis with ossicular chain involvement and remodeling.
   E. 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
- Alexandria university experience in exclusive endoscopic transcanal removal of middle ear glomus tympanicum tumor:
   M. Ebaied Tamer Sayed, M. Badr-El-Dine
- Endoscopic use of a porcine collagen matrix graft in middle ear surgery: early experience
   J. Fussey
- Benefits and Principles of Endoscopic Ear Surgery in Pediatric Patients
   Haeffeli. F. Prieu, G. Stipech, M.J. Reyes
- How Did the Endoscope Change My Clinical Practice in Middle Ear Diseases?
   S.T. Hu, C.K. Chen
- 12. **Bilateral Congenital Cholesteatomas Removed by Endoscopic Ear Surgery** H. Ito, 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
- 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. Mizutari

22. Endoscopic assisted approach for perilabryntine petrous bone epidermoid

K.S. Orhan

23. Transcanal Endoscopic Removal of a Congenital Cholesteatoma in a 4-years Old Girl

O. Ozturan, O.F. Calim, B. Guler

24. Endoscopic Approach for Stapes Surgery: A Series of Cases in a Teaching Hospital

H.F. Pauna

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  G. lannella

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# GENERAL INFORMATION

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#### **LANGUAGE**

The official language is English.

#### **REGISTRATION FEES**

	Early fee until 31st October '16	Standard fee from 31st October '16 to 31st January '17	<b>Late fee</b> after 31st January '17
Physicians	€ 600,00	€700,00	€800,00
Residents or Students	€ 200,00	€ 250,00	€ 300,00
Accompanying Person*	€ 200,00	€ 225,00	€ 250,00
Social Dinner	€ 50,00	€ 50,00	€ 50,00

The registration fees include VAT.

The registration fee entitles to scientific sessions, conference kit and certificate of attendance.

The following events are complimentary for all attendees regularly registered for the Congress:

- Welcome cocktail on 27th April 2017
- Working lunches on 27<sup>th</sup> and 28<sup>th</sup> April 2017
- \* The Accompanying Person fee entitles to:
  - Welcome cocktail on 27<sup>th</sup> April 2017
  - Working lunches on 27th and 28th April 2017

Cancellations made in writing and received by the Organizing Secretariat before 24<sup>th</sup> March 2017 will be eligible for a 50% refund.

Cancellations received after such date will not be eligible for refund.

#### WELCOME COCKTAIL

The Welcome Cocktail will be held in "Palazzo Isolani" on 27th April at 8.00 pm

#### SOCIAL DINNER

The Social Dinner will be held in "Palazzo Re Enzo" on 28th April at 8.30 pm

#### NAME BADGE

All registered attendees will receive a name badge. Please wear the badge for all Congress activities.

#### **BANKS**

Banks are open from Monday to Friday (Closed on Saturdays, Sundays and national holidays). Automatic teller machines (Bancomat) are available for cash withdrawal by credit card 24/7.

#### **CURRENCY AND CREDIT CARDS**

Like in the rest of the European Union, the official currency is the Euro (€). The most common credit cards are accepted in most of the businesses and hotels. Visa, MasterCard, American Express, and Diners Club cards are widely accepted at hotels, department stores, shops, and restaurants.

#### **ELECTRICITY**

220 - 240 volts alternating current at a frequency of 50 Hz is used in Italy. Outlets in Italy generally accept only plugs with two round pins.

#### **INSURANCE**

The Organizers will assume no liability whatsoever for injury or damage to persons or property during the Congress. Please make your own arrangements for health insurance and any other necessary insurance.

#### **PASSPORT**

If travelling from one border-free Schengen country to another however, EU nationals are not required to show a passport or national ID card. It is still recommended that you travel with your passport or ID card to prove your identity if necessary though.

Note that Bulgaria, Croatia, Cyprus, Ireland, Romania and the UK are not part of the Schengen area, so a passport or ID card is required if travelling to/from these countries.

From other countries, a valid passport is required and in many cases also a visa. Please consult your nearest Italian embassy.

#### **POSTAL SERVICE**

Hotels often provide simple postage services. Post offices are open from Monday to Saturday, 9:00 to 14:00.

#### TIME

Central EU Summer Time GMT+2.

#### **CONGRESS VENUE**

#### Palazzo Re Enzo

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

In 1200 the Municipality of Bologna expropriated several houses and churches in order to create today's Piazza Maggiore, thus laying the foundation for the first compound of palaces specifically built for public administrative functions: Palazzo del Podestà, di Re Enzo e del Capitano del Popolo.

Palazzo Re Enzo was built between 1244-46 (when also Palazzo del Capitano del Popolo was raised as an extension of the Municipal buildings. The palace was also known as 'new palace' to differentiate it from Palazzo del Podestà. Just three years later the palace became the 'residence' of the King taken prisoner in the battle of Fossalta: Re Enzo from Sardinia, son of Federico II. The king would spend here the next 23 years, until his death in 1272 (several legends were reported around his mytical figure).

On the ground floor the war equipment of the army and the Carroccio were kept and stored, while a covered staircase lead to the first floor portico where town meetings once took place. The Sala del Trecento, made by Antonio di Vincenzo in 1386, was later used as municipal archive, while the last floor underwent a thorough renovation in 1771 by G. G. Dotti. The restoration carried out in 1905 by Alfonso Rubbiani was also quite significant as his purpose was to restore the Gothic outlook of the building: he had the crenellation, the ground-floor arches and the 15th century staircase rebuilt. On the right-hand of the palace the entry to the Chapel of Santa Maria dei Carcerati can be found: there, people sentenced to death used to go and pray.



#### **BOLOGNA TOUR**

Thursday, April 27th

Meeting Point: Palazzo Re Enzo

Time: from 6.00 pm

**Piazza Maggiore.** The first approach to the city starts from its Main Square, which has witnessed the most significant events of the city over the centuries and is surrounded by its imposing public buildings, such as Palazzo del Podestà and Palazzo d'Accursio.

**Neptune Fountain.** This artwork by Giambologna and Tommaso Laureti dominates the homonymous square and is the symbol of the papal power in Bologna.

**Basilica of San Petronio.** The best loved church of the Bolognese people, characterized by the unfinished façade preserves interesting artworks of different époques and the longest meridian line in the world, dating back to the 17th century.

**Archiginnasio.** This elegant palace, whose walls are fully covered with colorful coat of arms, was the first unified seat of Bologna prestigious University: the most ancient in the western world. It conceals the unique Anatomical Theatre where anatomy lessons, and dissection of corpses, took place.

**Medieval Market and Mercanzia Palace.** The old narrow streets of this picturesque area have been hosting the town market since Medieval times; it is today the best place to see all the gourmandises that made Bologna worldwide famous.

**Two Towers.** Once Bologna was known as the "Stone Forest" due to the great number of towers built within its walls. These two leaning towers, part of the town skyline for over 900 years, are now the outstanding symbol of those ancient times

**Santo Stefano.** Part of this exceptional ancient religious complex, also known as "the seven churches", was built over a pagan temple, dedicated to the Goddess Isis. On the square, one can admire some of the most beautiful palaces in the town.

#### **CONGRESS PHOTOGRAPHY DISCLAIMER**

There will be a photographer present over the course of the Congress to capture images. Any images will be retained and used by Nord Est Congressi for its purposes (for exemple, on website and publications). If you object to your photograph being taken, please contact the Registration Desk.

## **ACKNOWLEDGEMENTS**





























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