



ENT 2018
ENDOSCOPY
November 29-30
NICE, France
Meridien Hotel Nice

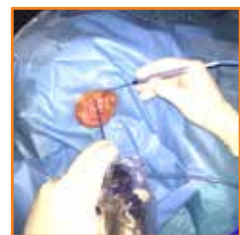
Scientific Coordination:

Stéphane Ayache

Organizing Committee:

Alexandre Bozec
Laurent Castillo
Philippe Eloy
Frédéric Faure

Nicolas Guevara
Daniele Marchioni
Livio Presutti
Stephan Vlamincck



Meridien Hotel Nice
1 Promenade des Anglais
06046 - Nice



Endoscopic Ear Surgery World

www.ent-endoscopy.com

This is a great pleasure to organize the 4th edition of ENT ENDOSCOPY in Nice, France, on the wonderful palm trees-lined French Riviera, in front of the Mediterranean Sea.

Our ENT speciality is in constant evolution. Improvement of optical and video technology, development of new surgical instrumentation, growing experience of physicians, have changed the face of surgical approaches.

The endoscopy is at the heart of this evolution, leading to a minimally invasive and effective surgery. However, the endoscopy experiences specific indications and limits, and must be associated in some situations to other well-known and proven techniques.

Associated, substituting, improving, limiting ... All these questions will create exciting discussions, to clarify the best surgical approaches in 2018.

Lectures, Round Tables, Update Sessions, Interactive Clinical Cases and for the first time our new concept of Interactive Surgery - Instructional Course.

The best experts over the world will show and share their experience with participants in the various sessions during two exciting and challenging days.

The experience of each one has a place in the congress. Abstracts submissions for sessions and challenges is now open. Moreover, a french-speaking session is also specifically organized for nurses in conjunction with the congress during one day.

On behalf of the whole scientific committee, we welcome you in this new edition.

And now, this is time for enthusiastic and thrilling sessions !

Stephane AYACHE

Congress President
Scientific Coordination



- Andrea **ALBERA** - Italy
 Matteo **ALICANDRI-CIUFELLI** - Italy
 Lucas **ANSCHÜTZ** - Switzerland
 Fariborz **ASSADIAN** - France / Iran
 Denis **AYACHE** - France
 Stéphane **AYACHE** - France
 Mohamed **BADR EL DINE** - Egypt
 Guido **BASTIANELLI** - Italy
 Caglar **BATMAN** - Turkey
 Arnaud **BAZIN** - France
 Daniele **BERNARDESCHI** - France
 Luca **BIANCONI** - Italy
 Marco **BONALI** - Italy
 Philippe **BORDURE** - France
 Ceilia **BOTTI** - Italy
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 Alexis **BOZORG-GRAYALI** - France
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 Benoît **DARBAS** - France
 Vincent **DARROUZET** - France
 Stefano **DE ROSSI** - Italy
 Marc **DEAN** - USA
 Ari **DEROWE** - Israël
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 Maurizio **LEVORATO** - Spain
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 Francis **MARCHAL** - Switzerland
 Daniele **MARCHIONI** - Italy
 Mathieu **MARX** - France
 Alexia **MATTEI** - France
 Rahul **MEHTA** - USA
 Florent **MILLET** - France
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 Gabriele **MOLTENI** - Italy
 Thierry **MOM** - France
 Yasser **NOUR** - Egypt
 Ali **OZDEK** - Turkey
 Kayhan **OZTURK** - Turkey
 Giancarlo **PECORARI** - Italy
 Flavio **PEROTTINO** - France / Italy
 Didier **PORTMANN** - France
 Livio **PRESUTTI** - Italy
 Eloi **RAMILISON** - Madagascar
 Joaquin **REYES** - Bolivia
 Alessia **RUBINI** - Italy
 Cécile **RUMEAU** - France
 Andrea **SACCHETTO** - Italy
 Andrea **SALAZAR** - Bolivia
 José **SANTINI** - France
 Sébastien **SCHMERBER** - France
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 Thorsten **ZEHLICKE** - Germany
 Francesco **ZENGA** - Italy

Otology & Lateral Skull Base

- Livio **PRESUTTI** - *Italy*
- Daniele **MARCHIONI** - *Italy*
- Nicolas **GUEVARA** - *France*
- Stéphane **AYACHE** - *France*

Rhinology & Anterior Skull Base

- Philippe **ELOY** - *Belgium*
- Stephan **VLAMINCK** - *Belgium*
- Laurent **CASTILLO** - *France*

Salivary Glands

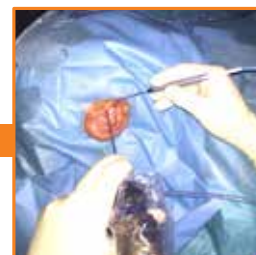
- Frédéric **FAURE** - *France*

Upper Aerodigestive Tract, Neck & Robotics

- Alexandre **BOZEC** - *France*

Junior Doctors Challenge

- Arunachalam **IYER** - *Scotland*
- Stephan **VLAMYNCK** - *Belgium*



November, Thursday 29th

ROOM	BIOT	OPIO	VALLAURIS	TOURRETTE	COGOLIN	EXHIBITION
7:45	Welcome & Registration					
08:30 - 10:30	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	UPPER AERODIGESTIVE TRACT, NECK & ROBOTICS	JUNIOR DOCTORS CHALLENGE	TECHNICAL WORKSHOP	STANDS
10:30 - 11:00	Coffee-break around our partners					
11:00 - 01:15	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	UPPER AERODIGESTIVE TRACT, NECK & ROBOTICS	JUNIOR DOCTORS CHALLENGE	TECHNICAL WORKSHOP	STANDS
01:15 - 02:30	Lunch					
02:30 - 04:30	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	OTOLOGY & LATERAL SKULL BASE	UPPER AERODIGESTIVE TRACT, NECK & ROBOTICS	TECHNICAL WORKSHOP	STANDS
04:30 - 05:00	Coffee-break around our partners					
05:00 - 07:00	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	OTOLOGY & LATERAL SKULL BASE		TECHNICAL WORKSHOP	STANDS

November, Friday 30th

ROOM	BIOT	OPIO	VALLAURIS	TOURRETTE	COGOLIN	EXHIBITION
7:45	Welcome & Registration					
08:30 - 10:30	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	SALIVARY GLANDS			
10:30 - 11:00	Coffee-break around our partners			LES RENCONTRES INFIRMIÈRES	ATELIER TECHNIQUE	STANDS
11:00 - 01:15	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	SALIVARY GLANDS			
01:15 - 02:30	Lunch					
02:30 - 04:30	OTOLOGY & LATERAL SKULL BASE	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	LES RENCONTRES INFIRMIÈRES		
04:30 - 05:00	Coffee-break around our partners				ATELIER TECHNIQUE	STANDS
05:00 - 07:00	OTOLOGY & LATERAL SKULL BASE	OTOLOGY & LATERAL SKULL BASE	RHINOLOGY & ANTERIOR SKULL BASE	LES RENCONTRES INFIRMIÈRES		

2018 November Thursday 29th


07:45 am **Welcome & Registration**

08:30 - 10:30 am

Room: BIOT **Otology & Lateral Skull Base**

INTRODUCTION, HISTORY & EVOLUTION

Chairmen: *Marchioni D, Ayache S*

- 08:30 **Key-note lecture: « Back to the future »**
Thomassin JM (25 min)
- 09:00 **Otoendoscopic ear surgery: fashion or a new era in otology?**
Portmann D (15 min)
- 09:20 **Principles of endoscopic ear surgery**
Ayache S (10 min)
- 09:30 **Current indications in middle ear surgery and the value of 3D** 
Bernardeschi D (20 min)
- 09:55 **From middle ear to inner ear surgery**
Presutti L (15 min)
- 10:15 **Is endoscopic surgery the unmissable key for middle ear tympanic pockets and cholesteatoma? A critical point of view after a 25 years practice**
Strunski V (15 min)

ROOM: OPIO **Rhinology & Anterior Skull Base**

OLFACTION AND NAVIGATION

Chairman: *Caversaccio M*

- 08:30 **Universal test for investigation of olfaction**
Hsieh JW (15 min)
- 08:50 **Olfaction before and after FESS**
Hsieh JW (15 min)
- 09:10 **Navigation with virtual reality in endoscopic sinus and skull base surgery**
Briner HR (15 min)
- 09:30 **Endoscopic stentless approach for choanal atresia**
Tatar Emel C (15 min)
- 09:50 **Endoscopic repair with endonasal flaps for congenital choanal atresia. A systematic review**
Levorato M (15 min)
- 10:10 **Endoscopic posterior nasal neurectomy (Indications, Technic, Advantages, Complications)**
Assadian F (15 min)

ROOM: VALLAURIS **Upper Aerodigestive Tract, Neck & Robotics**

CURRENT INDICATIONS OF TORS FOR HEAD & NECK CANCER

Chairman: *Céruse P*

- 08:30 **What are the good indications for TORS in the treatment of oropharyngeal cancer?**
Gorphe P (15 min)
- 08:50 **Transoral robotic / endoscopic surgery versus open surgery for laryngeal cancer**
Guelfucci B (15 min)
- 09:10 **TORS for hypopharyngeal carcinoma**
Vergez S (15 min)
- 09:30 **Prevention and management of post-TORS hemorrhagic complications**
Malard O (15 min)
- 09:50 **TORS for parapharyngeal and skull base tumors**
Dolivet G (15 min)
- 10:10 **INTERACTIVE SURGERY - INSTRUCTIONAL COURSE**
Technical Surgical Videos

LATERAL SKULL BASE

Chairmen & Jury: Iyer A, Vlaminc S

- 08:30 - 09:15 SESSION 1**
- 08:30 - 08:37** Understanding the anatomy of the middle ear
Reyes J
- 08:38 - 08:45** Endoscopic considerations about the hidden recesses in the tympanic cavity with the aim of angled lenses
Bonali M
- 08:46 - 08:53** Endoscope vs. Microscope for teaching middle ear anatomy and basic surgical skills: A randomized cross-over study
Anschütz L
- 08:54 - 09:01** Rating surgical field quality in endoscopic ear surgery
Molinari G
- 09:02 - 09:09** Endoscopic Classification of the External Auditory Canal (CES)
Millet F
- 09:10 - 09:15** Discussion (5 min)
- 09:16 - 09:53 SESSION 2**
- 09:16 - 09:23** Middle ear surgery, why and how we switched from microscope to endoscope
Euben J
- 09:24 - 09:31** Challenging cases in cholesteatoma ear surgery
Rubini A
- 09:32 - 09:39** Reconstruction of the scutum
Molinari G
- 09:40 - 09:47** Endoscopic surgery in bilateral cholesteatoma in pediatric population
Le Pera B
- 09:48 - 09:53** Discussion (5 min)
- 09:54 - 10:30 SESSION 3**
- 09:54 - 10:01** Congenital cholesteatoma: a thirteen-year single-institution experience
Federici G
- 10:02 - 10:09** Endoscopic versus microscopic treatment of cholesteatoma surgery
Di Maro F
- 10:10 - 10:17** Ear endoscopy & cholesteatoma. The evolution through 3 surgical approaches
Darbas B
- 10:18 - 10:25** What are the advantages and limitations of the endoscopic surgery of cholesteatoma?
Ramilison E
- 10:25 - 10:30** Discussion (5 min)

10:30 - 11:00 am Coffee-break around our partners

08:30 - 01:15 pm

Room : COGOLIN Technical Workshop Medtronic

Room : EXHIBITION Stands

11:00 - 01:15 pm

Room: BIOT Otology & Lateral Skull Base

ANATOMY & STARTING IN EES

Chairmen: Presutti L, Kakehata S

- 11:00** Endoscopic Anatomy of the middle ear
Marchioni D (15 min)
- 11:20** Endoscopic anatomy of the inner ear
Presutti L (15 min)
- 11:40** Endoscopic anatomy of the ponto-cerebellar angle
Kleiber JC (10 min)
- 11:55** How to start with EES?
Bernardeschi D (9 min)
- 12:05** How narrow is too narrow for TEES?
Kakehata S (10 min)
- 12:20** Bleeding evaluation in Endoscopic Ear Surgery. Systematic review
Molinari G (9 min)

- 12:30** **Management of bleeding in Endoscopic Ear Surgery**
Anschütz L (9 min)
- 12:40** **Problems and solutions during Endoscopic Ear Surgery**
Alicandri-Ciufelli M (9 min)
- 12:50** **Key-note lecture: History of the endoscopy in otoneurosurgery**
Chays A (20 min)

ROOM: OPIO Rhinology & Anterior Skull Base

MAXILLARY SINUS

Chairman: Rumeau C

- 11:00** **Endoscopic approaches to the maxillary sinus**
Briner HR (15 min)
- 11:20** **Odontogenic sinusitis: management**
Rumeau C (15 min)
- 11:40** **Endoscopic modified medial maxillectomy for the maxillary dentigerous cyst**
Ikoma R (15 min)
- 12:00** **Fungal rhino sinusitis: endoscopic approach as surgical treatment**
Salazar A (15 min)
- 12:20** **Gauze technique in the endonasal treatment of the fungus ball of the maxillary sinus:
A simple effective technique**
Perottino F (15 min)
- 12:40** **Extended nasoantral window for resection of various maxillary sinus pathologies**
Nour Y (10 min)
- 12:55** **Our experience with the management of inverted papilloma from the maxillary sinus**
Nour Y (15 min)

ROOM: VALLAURIS Upper Aerodigestive Tract, Neck & Robotics

ENDOSCOPIC LARYNGEAL SURGERY

Chairman: Giovanni A

- 11:00** **Pediatric endolaryngeal airway surgery
Pediatric DISE (Drug Induced Sleep Endoscopy)**
DeRowe A (20 min)
- 11:25** **Endoscopic Laryngeal Surgery (ELS) versus Micro Laryngeal Surgery (MLS)
Post corrosive laryngopharyngeal stenosis Endoscopic transoral reconstruction**
Mohan Reddy M (20 min)
- 11:50** **Laser-assisted endoscopic approaches for laryngotracheal stenosis**
Korkmaz HM (15 min)
- 12:10** **Management of postoperative unilateral vocal fold paralysis**
Mattei A (20 min)
- 12:35** **Glottoplasty for male-to-female transsexualism**
Vedrine PO (20 min)
- 01:00** **Discussion (15 min)**

Room: TOURRETTE Junior Doctors Challenge

LATERAL SKULL BASE

Chairmen & Jury: Iyer A, Vlamincck S

- 11:00 - 11:44** **SESSION 4**
- 11:00 - 11:07** **Post-operative nasal douching after Endoscopic Sinus Surgery. The role of hyaluronic acid**
Cardella A
- 11:08 - 11:15** **Dilemma of sinonasal vascular lesions: when the internal carotid artery is the problem**
De Rossi S
- 11:16 - 11:23** **QoL evaluation in patients treated with transnasal endoscopic surgery of the anterior skull base**
Sacchetto A
- 11:24 - 11:31** **Sinus irrigation before and after treatment using different devices. A cadaveric study**
Collura F
- 11:32 - 11:39** **Endoscopic endonasal ontoideotomy**
Di Perna G
- 11:39 - 11:44** **Discussion (5 min)**

- 11:45 - 12:30 SESSION 5**
- 11:45 - 11:52 Endoscopic stapes surgery**
Bianconi L
- 11:53 - 12:00 Endoscopic revision stapes surgery: surgical findings and outcomes**
Botti C
- 12:01 - 12:08 Endoscopic Myringoplasty with anterior anchoring technique**
Albera A
- 12:09 - 12:16 Transcanal endoscopic myringoplasty to treat subtotal perforations using a two-graft technique**
Goto T
- 12:17 - 12:24 Endoscopic facial nerve decompression**
Soloperto D
- 12:25 - 12:30 Discussion (5 min)**
- 12:31 - 01:15 SESSION 6**
- 12:31 - 12:38 Endoscopic round window anatomy and infracochlear approach**
Gazzini L
- 12:39 - 12:46 Endoscopic treatment of intralabyrinthine schwannomas**
Fulco G
- 12:47 - 12:54 Transcanal transpromontorial approach to the IAC: training on ovine model**
Fermi M
- 12:55 - 01:02 Transcanal acoustic neuroma surgery: preliminary results**
Fabbris C
- 01:03 - 01:10 Transtympanic eustachian tube dilatation - Reality vs Assumptions**
Kapadiya M
- 01:10 - 01:15 Final Discussion & Questions (12 min)**

01:15 - 02:30 pm Lunch

02:30 - 04:30 pm

Room: BIOT Otology & Lateral Skull Base

CHOLESTEATOMA SESSION

Chairmen: Marchioni D, Ozdek A

02:30 PANEL: TEMPORAL BONE IMAGING & CHOLESTEATOMA

- 02:30 Utility of preoperative Temporal Bone Imaging for planning cholesteatoma surgery**
Ayache D (9 min)
- 02:40 The efficacy of DWI combined with CT in the preoperative evaluation of cholesteatoma and the applicability of transcanal endoscopic ear surgery**
Sun WH (9 min)
- 02:50 Facial sinus: endoscopic evaluation, radiologic assessment and classification**
Fermi M (9 min)
- 03:00 Discussion (5min)**

03:10 PANEL: ENDOSCOPIC EAR SURGERY & MASTOID APPROACH

- 03:10 Endoscopic Ear Surgery - Tailored to type of cholesteatoma**
Mohan Reddy M (9 min)
- 03:20 When to convert to from endoscopic to open technique?**
Isaacson B (9 min)
- 03:30 Combined endoscopic and microscopic approach to extensive cholesteatoma**
Yorgancılar E (9 min)
- 03:40 Endoscopic mastoidectomy for cholesteatoma extending into the mastoid**
Wu-Qing W (9 min)
- 03:50 Total endoscopic mastoidectomy (Indications, Technic, Advantages, Complications)**
Assadian F (9 min)
- 04:00 Endoscopic versus microscopic tympanoplasty with obliteration**
Schmerber S (9 min)
- 04:10 Discussion (20min)**

FRONTAL SINUS

Chairman: Briner HR

- 02:30 Endoscopic approaches to the frontal sinus - from Draf 1 to Draf 3**
Eloy P (20 min)
- 02:55 Frontal sinus drill out procedure (Draf 3) - tips and tricks**
Briner HR (20 min)
- 03:20 Unusual case of «frontal sinusitis»**
Eloy P (10 min)
- 03:35 Endoscopic repair of septal perforation**
Nour Y (10 min)
- 03:50 Endoscopic septoplasty**
Dursun E (15 min)
- 04:10 Long term results in inferior laser turbinate surgery**
Bastianelli G (15 min)


02:30 - 04:30 pm LATERAL SKULL BASE

Chairmen: Presutti L, Chays A

- 02:30 Key-note lecture: Advanced endoscopic procedure in CPA surgery**
Presutti L (15 min)
- 02:50 PANEL: THE VALUE OF THE ENDOSCOPE IN CPA BY RETROSIGMOID APPROACH**
- 02:50 Surgery of the ponto-cerebellar angle through retrosigmoid approach. Benefits / Risks**
Bazin A (10 min)
- 03:05 Is endoscopy useful for neuro-vascular decompression in hemifacial spasm?**
Dubernard X (10 min)
- 03:20 Is endoscopy useful for trigeminal neuro-vascular decompression?**
Kleiber JC (10 min)
- 03:35 Endoscopy in the surgery of the cerebello-pontine angle**
Devèze A (10 min)
- 03:50 FREE PRESENTATIONS**
- 03:50 Quantitative Analysis of Surgical Freedom and Area of Exposure in Minimal-Invasive Transcanal Approaches to the Lateral Skull Base**
Anschütz L (10 min)
- 04:05 The use of endoscope in acoustic neuroma surgery. A retrospective analysis**
Rubini A (9 min)
- 04:15 Is endoscopy useful for acoustic schwannoma resection?**
Dubernard X (10 min)

ENDOSCOPY & ROBOT-ASSISTED THYROID / PARATHYROID SURGERY & NECK DISSECTION

Chairman: Santini J

- 02:30 Endoscopy and robot-assisted thyroid surgery**
Garrel R (35 min)
- 03:10 Endoscopy-assisted thyroid surgery** 
Korkmaz HM (20 min)
- 03:35 Endoscopy and robot-assisted neck dissection**
Céruse P (20 min)
- 04:00 Round Table - Endoscopy / Robot-assisted versus open approaches for thyroid cancer (23 min)**

04:30 - 05:00 pm Coffee-break around our partners

02:30 - 07:00 pm

Room : COGOLIN Technical Workshop

Room : EXHIBITION Stands

05:00 - 07:00 pm

Room: BIOT **Otology & Lateral Skull Base**

05:00 - 06:00 pm FACIAL NERVE SESSION

Chairmen: Kutz W, Soloperto D

05:00 Endoscopic anatomy and management of facial nerve pathologies

Bonali M (10 min)

05:15 Endoscopic ear surgery and facial nerve

Presutti L (20 min)



**05:40 INTERACTIVE SURGERY - INSTRUCTIONAL COURSE:
Decompression of the facial nerve after post-traumatic facial palsy**

Presutti L (20 min)

06:00 - 07:00 pm INTERACTIVE SURGERY - INSTRUCTIONAL COURSE

Chairmen: Bernardeschi D, Villari D

06:00 Attical cholesteatoma

Marchioni D (15 min)

06:20 Extensive cholesteatoma with reconstruction of the ear canal and ossiculoplasty

Presutti L (15 min)

06:40 Endoscopic ossiculoplasty

Kutz W (15 min)

ROOM: OPIO **Rhinology & Anterior Skull Base**

SINUS SURGERY COMPLICATONS

Chairman: Castillo L

05:00 How to prevent and treat complications of FESS?

Castillo L (15 min)

05:20 Endoscopic approach to CSF leaks

Briner HR (15 min)

05:40 Management of orbital mucocele

Castillo L (15 min)

06:00 Control of bleeding in endoscopic sinus surgery

Briner HR (15 min)

06:20 Treatment of middle turbinate in endoscopic surgery

Bastianelli G (15 min)

06:40 Endoscopic sinus and skull base surgery. The bimanual technique (four hands technique)

Briner HR (15 min)

Room: VALLAURIS **Otology & Lateral Skull Base**

05:00 - 07:00 pm COCHLEAR IMPLANTATION

Chairmen: Caversaccio M, Guevara N

05:00 PANEL: ENDOSCOPIC SURGICAL APPROACH

05:00 Endoscopic cochlear implant. When and why?

Villari D (10 min)

05:15 The role of endoscope in cochlear implant surgery

Chen CK (10 min)

05:30 Endoscope assisted cochlear implantation

Surmelioglu O (10 min)

05:45 The role of endoscopy in cochlear and auditory brainstem implants

Soloperto D (10 min)

06:00 Round table & Discussion (20 min)

06:20 PANEL: INNOVATIONS IN COCHLEAR IMPLANTATION

- 06:20** **Fluoroscopy assisted cochlear implantation: how and when?**
Mom T (9 min)
- 06:30** **Robotic cochlear implantation: a reality**
Caversaccio M (9 min)
- 06:40** **Automatic assesment of postoperative electrode-array placement from low-resolution clinical images and 3D cochlear modeling**
Guevara N (9 min)
- 06:50** **Discussion (10 min)**
- 07:00** **Session Closure**

08:30 **Congress Dinner Hard Rock Café Nice**
*5, Promenade des Anglais
06000 Nice*



Technical Workshop Medtronic

Thursday 29 - 8:30am to 7:00pm - Room Cogolin

• **A complete Medtronic set for Nose & Sinus Dissection will be available during all the day on «Phacon» Heads Models**



• **Participants will have the opportunity to use:**

- 0° & 30° sinus endoscopes on Video set with specific instrumentation for FESS
- The Medtronic Microdebrider from the latest generation and the «Straightshot» M5 tool coupled to the IPC console



ENT 2018
ENDOSCOPY
November 29-30
NICE, France

2018 November Friday 30th

07:45 am **Welcome & Registration**

08:30 - 10:30 am

Room: BIOT **Otology & Lateral Skull Base**

08:30 - 09:00 am **GLOMUS TYMPANICUM**

Chairmen: Iyer A, Bianconi L

08:30 **TEES for the removal of glomus tympanicum**

Badr El Dine M (9 min)

08:40 **Endoscopic management of glomus tympanicum: Modena experience**

Fermi M (9 min)

08:50 **Endoscopic CO2 Laser removal of glomus tympanicum**

Larrosa F (9 min)

09:00 **Discussion (4 min)**

09:05 - 10:30 am **STAPES SURGERY**

Chairmen: Isaacson B, Ayache D

09:05 **What is the interest of temporal bone imaging before stapes surgery for suspected otosclerosis**

Ayache D (9 min)

09:15 **Endoscopic stapes surgery**

Kakehata S (9 min)

09:25 **Advantages of endoscopes in stapedectomy**

Ozdek A (9 min)

09:35 **Endoscopic stapes surgery**

Thomassin JM (9 min)

09:45 **Comparison of outcomes of endoscopic stapes surgery Vs microscopic surgery**

Iyer A (9 min)

09:55 **Endoscopic stapes surgery: for or against? Systematic review and our experience**

Millet F (9 min)

10:05 **INTERACTIVE SURGERY - INSTRUCTIONAL COURSE - Otosclerosis & stapes surgery**

Isaacson B (15 min)

10:20 **Discussion (10 min)**

ROOM: OPIO **Rhinology & Anterior Skull Base**

CHRONIC RHINOSINUSITIS

Chairman: Vlaminc S

08:30 **Key anatomical landmarks for endoscopic sinus surgery**

Briner HR (15 min)

08:50 **Endonasal functional surgery and ambulatory surgery. No limits?**

Perottino F (10 min)

09:05 **Difficult to treat chronic rhinosinusitis**

Briner HR (15 min)

09:25 **Management of nasal polyposis: what do we propose in Nancy
 REAH: what does it mean? Does it change something in the surgical strategy?**

Rumeau C (15 min)

09:45 **Concepts of treatment of nasal polyposis**

Briner HR (15 min)

10:05 **Nasal secretions possible help in endotyping chronic rhinosinusitis
 outcome after ESS with or without asthma over 10 years, does it matter
 when is sinus surgery enough, when not?**

Vlaminc S (20 min)

Room : VALLAURIS Salivary Glands

08:30 Key-note lecture: Sialendoscopy in the world
Marchal F (15 min)

08:45 SUBMANDIBULAR STONES

Chairman: Marchal F

08:45 Submandibular swelling. Decisional tree and classifications
Chossegros C (10 min)

**09:00 Material Technical points from papilla (parotid & submandibular glands)
to extraction of L1 floating stones**

Lopez JM (10 min)

09:15 Combined approach for submandibular stones
Vergez S (10 min)

09:30 FRAGMENTATION

Chairman: Faure F

09:30 Indications and fragmentation of stones with stonebreaker
Cartier C (10 min)

09:45 Laser fragmentation. Technical points and limits
Faure F (10 min)

10:00 Sialendoscopy with holmium: YAG laser treatment for large sialolithiasis
Ozturk K (10 min)

10:15 What indication for lithotripsy ?
Chossegros C (10 min)

10:30 - 11:00 am Coffee-break around our partners

08:30 - 01:15 pm

Room : TOURRETTE Les Rencontres Infirmières

Room : COGOLIN Atelier Technique

Room : EXHIBITION Stands

11:00 - 01:15 am

Room: BIOT Otology & Lateral Skull Base

11:00 - 01:15 pm CHOLESTEATOMA SESSION

Chairmen: Badr El Dine M, Mohan Reddy M

11:00 PANEL: FROM THE TYMPANIC MEMBRANE RETRACTION TO THE CHOLESTEATOMA

11:00 Chronic otitis media: endoscopic approach
Reyes J (9 min)

11:10 Endoscopic treatment for eardrum retraction
Villari D (9 min)

11:20 Radiological classification of cholesteatoma: impact on surgical treatment
Marx M (9 min)

11:30 Surgery of cholesteatoma: from combined to exclusive endoscopic ear surgery
Badr El Dine M (9 min)

11:40 Endoscopic cholesteatoma surgery
Kadir Serkan O (9 min)

11:50 Surgical techniques of cholesteatoma invading ossicular chain under endoscope
Wu-Qing W (9 min)

12:00 Endoscopic inside out mastoidectomy. Drill, Ultrasonic bone aspirator or piezo device?
Mehta R (9 min)

12:10 Round table & Discussion (20 min)

12:30 FREE PRESENTATIONS

12:30 Endoscopic Surgery of Congenital Cholesteatoma
Badr El Dine M (9 min)

12:40 Endoscopic Surgery of External Auditory Canal Cholesteatoma: A United Kingdom Case Series
Cheong RCT (9 min)

12:50 Advantages of endoscopes in ossiculoplasty
Ozdek A (9 min)

01:00 Discussion (15 min)

SINONASAL TUMORS & JUVENILE ANGIOFIBROMA

Chairman: Rumeau C

- 11:00** **Sinonasal haemangiomas: case series**
Eloy P (15 min)
- 11:15** **Endoscopic surgery for tumours of the nose and the paranasal sinuses**
Briner HR (15 min)
- 11:40** **Transnasal endoscopic approach of sinonasal adenocarcinoma**
Rumeau C (15 min)
- 12:00** **Transnasal endoscopic approach for sinonasal neoplasm**
Molteni G (15 min)
- 12:20** **3D Endoscopic endonasal transplanum-transtuberculum approach in craniopharyngioma**
Pecorari G (15 min)
- 12:40** **Endoscopic approach for the treatment of advanced juvenile nasopharyngeal angiofibroma**
Tatar Emel C (15 min)
- 01:00** **Massive juvenile angiofibroma: 3D endonasal endoscopic approach**
Pecorari G (15 min)

11:00 - 01:15 pm PAROTID STONES & STENOSIS

Chairman: Cartier C

- 11:00** **Parotid swelling desisionnal tree**
Vergez S (10 min)
- 11:15** **Parotid stenosis endoscopic classification & main treatment**
Lopez JM (10 min)
- 11:30** **Parotid stones/Stenosis: L2L3 combined approach**
Marchal F (10 min)
- 11:45** **Endobuccal approach of L2L3 stones near the papilla**
Vergez S (10 min)
- 12:00** **Management of stenosis with ultrasonography and sialendoscopy**
Kim JK (10 min)
- 12:15** **Recurrent juvenile parotitis: pediatric stenosis**
Faure F (10 min)
- 12:30** **ROUND TABLE: parotid stones and stenosis (45 min)**

01:15 - 02:30 pm Lunch

02:30 - 04:30 pm

02:30 - 04:30 pm TYMPANIC MEMBRANE PERFORATIONS

Chairmen: Chen CK, Bordure P

02:30 PANEL: MICROSCOPIC / ENDOSCOPIC SURGICAL APPROACHES

- 02:30** **Trans-canal myringoplasty with microscope: minimal invasive surgery**
Portmann D (9 min)
- 02:40** **Endoscopic treatment for ear drum perforation: techniques and materials**
Bonali M (9 min)
- 02:50** **Comparison between transtympanic and elevation of TM flap in endoscopic tympanoplasty**
Chen CK (9 min)
- 03:00** **Endoscopic fat graft myringoplasty**
Thomassin JM (9 min)
- 03:10** **Endoscopic butterfly cartilage tympanoplasty**
Dursun E (9 min)
- 03:20** **The anterior tympanic membrane perforation: how do we fix it?**
Visvanathan V (9 min)
- 03:30** **Endoscopic management of large tympanic membrane perforations**
Ozdek A (9 min)
- 03:40** **Cartilaginous myringoplasty: microscope versus endoscope**
Bordure P (9 min)
- 03:50** **Round table & Discussion (20 min)**

04:10 FREE PRESENTATIONS

- 04:10 Evaluation of surgical outcomes in pre and post operative endoscopic tympanoplasty with tragal perichondrium
Hou WE (9 min)
- 04:20 Outcomes and cost analysis of patients undergoing bilateral endoscopic tympanoplasty on the same day
Wu-Qing W (9 min)

Room: OPIO Otology & Lateral Skull Base

02:30 - 04:30 pm LATERAL SKULL BASE

Chairmen: Marchioni D, Darrouzet V

- 02:30 Key-note lecture: Endoscopic lateral skull base: principles and indications 
Marchioni D (15 min)

02:50 PANEL: THE VALUE OF THE ENDOSCOPE IN THE MANAGEMENT OF PETROUS APEX LESIONS

- 02:50 Endoscopic approaches to the petrous apex
Kutz W (10 min)
- 03:05 Role of endoscopy in the removal of petrous apex chondrosarcomas: our experience in 15 cases
Darrouzet V (10 min)
- 03:20 Endoscopy-aided removal of CPA epidermoid cysts: a 15-year experience in 12 cases
Darrouzet V (10 min)
- 03:35 Endoscopic assisted petrous apex surgery
Soloperto D (10 min)

03:50 HOW I DO IT?

- 03:50 Retrosigmoid approach - How I do it?
Dubernard X (10 min)
- 04:05 Transcanal acoustic neuroma surgery
Marchioni D (10 min)
- 04:20 Transcanal internal auditory canal surgery: is the preservation of the cochlea possible?
Bianconi L (10 min)

ROOM: VALLLAURIS Rhinology & Anterior Skull Base

02:30 - 04:30 pm PITUITARY GLAND SURGERY

Chairman: Briner HR

- 02:30 Endonasal neurosurgical & ENT team approach in pituitary adenomas in turin
Pecorari G (20 min)
- 02:55 Endoscopic surgery of pituitary gland tumors
Briner HR (20 min)
- 03:20 Middle turbinate vascularised flap for reconstruction after trans-sphenoidal pituitary tumor resection
Mehta R (20 min)
- 03:45 Transcribriform and transplanum approaches
Briner HR (20 min)
- 04:10 Round table & Discussion (20 min)

04:30 - 05:00 pm Coffee-break around our partners

02:30 - 07:00 pm

Room : TOURRETTE Les Rencontres Infirmières

Room : COGOLIN Atelier Technique

Room : EXHIBITION Stands

05:00 - 07:00 pm

Room: BIOT Otology & Lateral Skull Base

05:00 - 07:00 pm DEVICES & TRAINING

Chairmen: Kakehata S, Devèze A

05:00 PANELS: DEVICES & 3D ENDOSCOPY

05:00 Exoscopy and microscopy in otosurgery

Canale A (9 min)

05:10 Augmented reality for minimally invasive transtympanic approach to middle ear

Bozorg-Grayeli A (9 min)

05:20 Effect of light intensity on image quality in EES

Iyer A (9 min)

05:30 Novel three-dimensional image system for endoscopic ear surgery

Lin CP (9 min)

05:40 3D EES: my experience

Chen CK (9 min)

05:50 Powered TEES

Kakehata S (9 min)

06:00 A transcanal endoscope holder for middle ear endoscopic procedures. A feasibility study

Devèze A (9 min)

06:10 Round table & Discussion (15 min)

06:25 PANEL: LEARNING & TRAINING

06:25 EES. A Scottish experience and learning considerations

Fradeani D (9 min)

06:35 Simulation in the training of EES

Iyer A (9 min)

06:45 Endoscopic ear surgery training on ovine model. Setting and preliminary experience

Bonali M (9 min)

06:55 Discussion (5 min)

Room: OPIO Otology & Lateral Skull Base

05:00 - 07:00 pm EUSTACHIAN TUBE - PERILYMPHATIC FISTULA

Chairmen: Dean M, Venail F

05:00 Key-note lecture: Treatment of eustachian tube diseases through nasal endoscopic approach. Indications and results

Venail F (15 min)

05:20 PANEL: SURGICAL PROCEDURES & RESULTS

05:20 Balloon tuboplasty: current indications, pitfalls and results after 3 years of experience

Geukens S (9 min)

05:30 Balloon eustachian tuboplasty

Batman C (9 min)

05:40 Balloon dilation of the eustachian tube under local anesthesia

Dean M (9 min)

05:50 Patient-perceived benefit of Eustachian tube dilatation as measured by the Glasgow Benefit Inventory

Van der Steen C (9 min)

06:00 Round table & Discussion (30 min)

06:30 FREE PRESENTATIONS

06:30 Retained Grommet in Eustachian Tube, a rare cause of failure in tympanoplasty

Yang CH (9 min)

06:40 Transtympanic endoscopy of the middle ear in the diagnosis and treatment of a perilymphatic fistula

Zehlicke T (9 min)

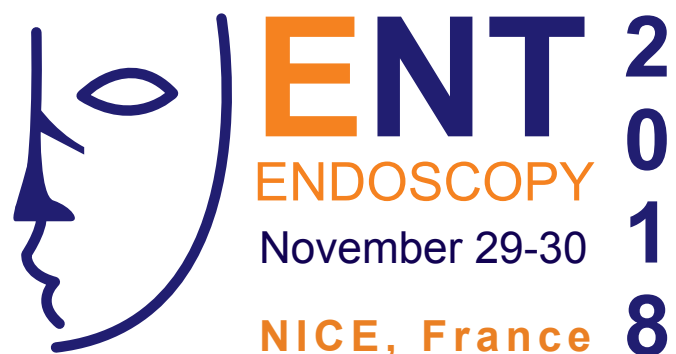
06:50 Discussion (10 min)

05:00 - 07:00 pm ANTERIOR SKULL BASE TUMORS

Chairman: *Marchioni D*

- 05:00** **Transnasal endoscopic corridor to clivus lesions**
Soloperto D (15 min)
- 05:20** **Endoscopic endonasal approach for clival chordoma**
Ozturk K (15 min)
- 05:40** **Endoscopic transnasal anterior skull base reconstruction during intracranial lesion removal**
Gulino A (15 min)
- 06:00** **Transnasal endoscopic management of meningioma**
Marchioni D (15 min)
- 06:20** **Endoscopic surgery of the anterior skull base in young children**
James A (15 min)
- 06:40** **Minimal invasive lateral endoscopic multiportal approach to the infratemporal fossa:
A cadaveric study**
Anschütz L (15 min)

- 07:00 pm** **Congress Closure**



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WITH OUR ACKNOWLEDGEMENTS



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