

5th World Congress for
**ENDOSCOPIC SURGERY of the BRAIN,
SKULL BASE & SPINE**

combined with

The First Global Update on
FESS, THE SINUSES & THE NOSE

Vienna, March 29 - April 1, 2012

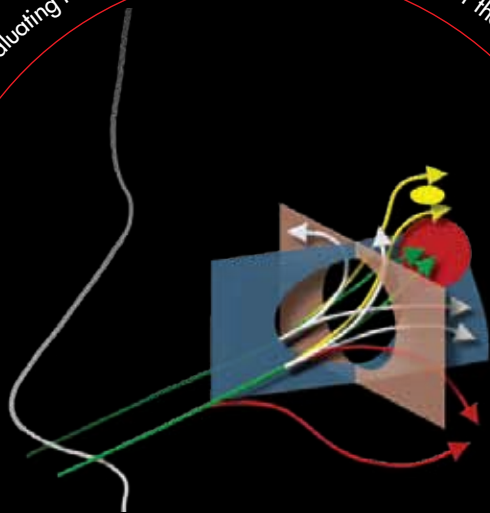
Presidents: H. Stammberger & M. Mokry

Organised by the Austrian Society for ORL, H & NS
and the Austrian Society for Neurosurgery



THE PROGRAMME

Evaluating Past and Present | Setting the Standards for the Future



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KARL STORZ Endoscopy America, Inc, 2151 E. Grand Avenue, El Segundo, CA 90245-5017, USA, Phone: +1 424 218-8100, Fax: +1 800 321-1304, E-Mail: info@kseal.com
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5th World Congress for
**ENDOSCOPIC SURGERY of the
BRAIN, SKULL BASE & SPINE**
combined with
The First Global Update on
FESS, THE SINUSES & THE NOSE

March 29–April 1, 2012

Vienna, Austria

Reed Messe Wien Exhibition & Conference Center

Organised by

The Interdisciplinary Skull Base Unit
Medical University Graz

on behalf of

Austrian Society for ORL, H & NS & Austrian Society for Neurosurgery



**TWO WORLD CLASS MEETINGS
ONE EVENT**

–Evaluating Past and Present–
–Setting the Standards for the Future–

www.endovienna2012.com

UNDER THE AUSPICES OF



ERS (European Rhinologic Society)

ORGANISED IN COOPERATION WITH



ARS (American Rhinologic Society)



EANS (European Association of Neurosurgical Societies)



Egyptian Rhinologic Society



ESPO (European Society of Pediatric ORL)



German Skull Base Society



IFOS (International Federation of ORL)



Israeli Rhinologic Society



IWGEES
(International Working Group on Endoscopic Ear Surgery)



Latin American Group on Neuroendoscopy



PARS (PanArab Rhinologic Society)



Russian Rhinologic Society

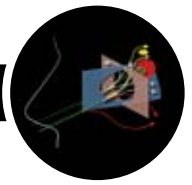


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WELCOME

Dear Friends & Colleagues,

we are happy to welcome you to the beautiful city of Vienna, site of the Endovienna 2012 conference, bringing together two world class meetings in one event:

The 5th World Congress for Endoscopic Surgery of the Brain, Skull Base and Spine, combined with the 1st Global Update on FESS, the Sinuses and the Nose. An exciting programme awaits you with 47 individual sessions, over 450 oral presentations including invited lectures, more than 130 posters, 22 instructional courses and 4 lunch symposia. As special highlights, over 15 live on-stage demonstration dissections on excellent anatomical specimens will be performed by some of the most experienced endoscopic surgeons on this globe! Topics will deal with the fascinating and sometimes breath taking latest developments of endoscopic possibilities along and through skull base, inside the brain and spine. Image guided navigation has come of age, providing unseen-before accuracy; 3D-endoscopy, magnificent HD-endoscopic cameras and sophisticated instrumentation will be on display and used during numerous live on-stage demonstration dissections, performed by the masters and pioneers of the specialities.

We are overwhelmed by your response and interest – both regarding the number of participants as well as the quality of their presentations!


We will try our best to make you “feel at home” in Vienna, both amongst the scientific community and in the city itself with its countless cultural and entertainment options!

Welcome again, join the global “endoscopic community” and **swing into spring** in Vienna!

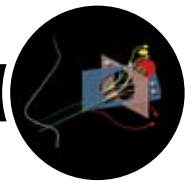
On behalf of the Austrian Societies of ORL, H&NS and Neurosurgery.


H. Stammberger, M.D.


H. Braun, M.D.


M. Mokry, M.D.


V. Gellner, M.D.



**Dear Colleagues,
Dear Ladies and Gentlemen,**

I am looking forward to welcoming you to the 5th World Congress for ENDOSCOPIC SURGERY of the BRAIN, SKULL BASE & SPINE combined with the 1st Global Update on FESS, THE SINUSES & THE NOSE.

More than 950 participants from all over the world will discuss latest scientific findings and developments in the field of endoscopic surgery of the brain, skull base and spine. The possibility to meet colleagues from all over the world and socialise with them as well as to share experiences and information in the area of endoscopic surgery are also important aspects.

The expertise of the interdisciplinary skull base team of the Medical University of Graz has been exported into the world for years. For the pioneer work in the field of endoscopic surgery and the passing on of the know-how the team has already received several awards. The Medical University of Graz is proud of the extraordinary achievements of its interdisciplinary skull base team.

I would like to thank Univ.-Prof. Dr. Heinz Stammberger, head of our Division of General Otorhinolaryngology, Head and Neck Surgery, and Univ.-Prof. Dr. Michael Mokry, head of the Department of Neurosurgery for bringing this World Congress to Austria.

I wish all participants an exciting time in Vienna and an interesting and successful congress.

With best regards,

A handwritten signature in black ink, appearing to read 'J Smolle'.

Univ.-Prof. Dr. Josef Smolle
Rector of the Medical University of Graz



Dear Congress Participants,

Vienna is known the world over for its top-level medical care as much as for the fact that access to it is open to everyone. The main goal of Vienna's health politics is to preserve people's health for as long as possible, but also to provide them with the best medical care available, irrespective of income, age, background or gender. In this endeavour, the touchstones for success are the patients, not its structure.

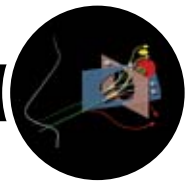
As Mayor, it is an important concern for me to provide citizens with a tight network of medical care and social security. Apart from the daily hands-on work with patients, however, we must not forget research and continuing education – for these pillars carry our system's quality to a great extent.

Thus, I am pleased to welcome the "5th World Congress for Endoscopic Surgery of the Brain, Skull Base and Spine, combined with the 1st Global Update on FESS, the Sinuses and the Nose" to Vienna this year. I wish all participants exciting days full of new insights at the congress and hope that they will also find time to explore Vienna away from the congress proceedings.



A handwritten signature in black ink, which reads "Michael Häupl".

Dr. Michael Häupl
Mayor, City of Vienna



COMMITTEES

Congress Presidents

Heinz Stammberger, M.D.
Michael Mokry, M.D.

Secretaries General

Hannes Braun, M.D. (ORL, H&NS)
Verena Gellner, M.D. (Neurosurgery)

Dissections, Technical and Audiovisual Support

Peter Valentin Tomazic, M.D. (Dissection Coordinator)

Graz Dissection Assistants / Scrub Nurses

Michael Amschl
Anita Egger
Pauline Dolinar
Christian Schoengrundner

Technical Consultant / Medical Engineering

Claus Gerstenberger, DI

Audiovisual / HD Support

Gerhard Fank

Guests of Honour

Amin Kassam, M.D.
Manfred Tschabitscher, M.D.
Paolo Cappabianca, M.D.
Wolfgang Draf, M.D. *

Distinguished Keynote-Speakers

Vladimir Beneš, M.D.	Gerbrand J. Groen, M.D.	Aldo Stamm, M.D.
Helmut Bertalanffy, M.D.	Andre Grotenhuis, M.D.	Jurai Šteňo, M.D.
Ricardo Carrau, M.D.	David Howard, M.D.	Marcos Tatagiba, M.D.
Federico Di Rocco M.D.	David W. Kennedy, M.D.	Charles Teo, M.D.
Sandro Eustacchio M.D.	Valerie J. Lund, M.D.	Peter J. Wormald, M.D.
Fred Gentili, M.D.	Jatin Shah, M.D.	James Zinreich, M.D.

* For obituary see page 10.

*Seeing that death, a necessary end,
Will come when it will come*

William Shakespeare : Julius Caesar

Professor Wolfgang Draf, M.D.

November 29, 1940 – October 24, 2011

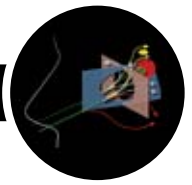
On Monday, October 24 2011, Professor Wolfgang Draf passed away — he finally lost his long fight against cancer, just a month before his 71st birthday.

For the Endovienna2012 Meeting, he had been invited as Guest of Honour as early as 2009; in January of 2010, he was part of the team working on the European Position Paper on Endoscopic Approaches to Tumours of the Sinuses and Skull Base in wintery Austria – possibly his last scientific activity not overshadowed by his terminal illness. Those of us who enjoyed the privilege of his company there, now realize how precious a gift this was.

Born on November 29, 1940 in Bonn, Germany, he studied Medicine and in 1971, received his degree as Specialist in Oto-Rhino-Laryngology, Head and Neck Surgery. In 1975 he became Professor and Deputy Head of the Mainz University ORL,H&NS Department. 1979 he was appointed Director of the Department of ORL,H&N and Plastic Facial Surgery at Fulda, Germany, which was to become his home base until his retirement in 2005. Even thereafter, Wolfgang Draf continued to be very active as a surgeon at the Hannover International Neuroscience Institute as well as teacher and much sought after lecturer at numerous conferences, workshops and courses worldwide.

Though best known for his microscope-based approaches to the sinuses and skull base, Professor Draf was a true “allrounder”, equally active and talented in Otolaryngology and oncologic Head and Neck surgery. His interest in the nose and sinuses started early on in his career; he was, in fact, one of the first to publish on endoscopy of the maxillary sinus in 1975 already. His endonasal techniques to drain frontal sinuses have become a mainstay of our surgical spectrum over the last 20 years, and will be passed on to the next generation as the Draf I – III “drill-out” procedures.

He will be remembered as an icon during his lifetime already; an icon however, who was always ready to listen to others, discuss and advise, to change his opinion, when other ideas appeared plausible. His critique was always an open one, never on a personal level. We owe him for his fairness and encouragement, he has extended to so many of the Rhinologic and Skull Base community.



It is with sadness and deep regret that we mourn the loss of a pioneer in our speciality, a great teacher, a tireless supporter of young clinicians and scientists, an exceptional personality with a great sense of humour – and above all, a very close and dear friend.

Our thoughts are with his wife Julia, and their children Max and Clara.

Heinz Stammberger

Graz, November 2011

Obituary conceived for "Rhinology" , December 2011



Wolfgang Draf
1940–2011



Wolfgang Draf in Stubaai Valley with friends and fans
Austria, January 2010

FACULTY

International Faculty

Europe

- | | | |
|---------------------------------|--------------------------------|--|
| Alfen, FM, Germany | Ipremburg, M., The Netherlands | Samii, A., Germany |
| Beneš, V., Czech Republic | Jankowski, R., France | Scadding, G., United Kingdom |
| Bernal-Sprekelsen, M., Spain | Jorissen, M., Belgium | Schroeder, H., Germany |
| Briner, H., Switzerland | Kozlov, V., Russia | Serrano, E., France |
| Bockmuehl, U., Germany | Lacroix, S., Switzerland | Simmen, D., Switzerland |
| Bošnjak, R., Slovenia | Laedrach, K., Switzerland | Schick, B., Germany |
| Cappabianca P., Italy | Leunig, A., Germany | Schipper, J., Germany |
| Castelnuovo, P., Italy | Locatelli, D., Italy | Schubert, M., Germany |
| Caversaccio, M., Switzerland | Lopatin, A., Russia | Šteňo, J., Slovakia |
| Di Rocco, F., France | Lund, V., United Kingdom | Stierna, P., Sweden |
| Feigl, G., Germany | Marchioni, D., Italy | Strauss, G., Germany |
| Fokkens, W., The Netherlands | Meco, C., Turkey | Swift, A., United Kingdom |
| Frank, G., Italy | Mladina, R., Croatia | Tatagiba, M., Germany |
| Gasser, H., Germany | Morgenstern, R., Spain | Trimarchi, M., Italy |
| Georgalas, C., The Netherlands | Mortini, P., Italy | van Furth, W., The Netherlands |
| Gibson, A., United Kingdom | Müller, H., Germany | Verwoerd C., The Netherlands |
| Gosepath, J., Germany | Nicolai, P., Italy | Verwoerd-Verhoef, H.,
The Netherlands |
| Groen, G., The Netherlands | Önerci, M., Turkey | Wagenmann, M., Germany |
| Grotenhuis, A., The Netherlands | Pasquini, E., Italy | Weber, R., Germany |
| Herman, P., France | Presutti, L., Italy | Welge-Luessen, A., Switzerland |
| Hosemann, W., Germany | Reisch, R., Switzerland | |
| Howard, D., United Kingdom | Saleh, H., United Kingdom | |

Asia

- Abdullah, V., Hong Kong
 Han, D., China
 Haruna, S., Japan
 Prepageran, N., Malaysia
 Sethi, D. S., Singapore
 Won, T.-B., Korea
 Yoshida, N., Japan

Australia / New Zealand

- Douglas, R., New Zealand
 Kane, K., Australia
 Pant, H., Australia
 Teo, C., Australia
 Wormald, P.J., Australia

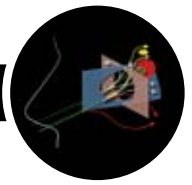
The Americas

- Anand, V., USA
 Carrau, R., USA
 Citardi, M.J., USA
 Cordoba, A., Uruguay

- Fakhri, S., Canada
 Fried, M., USA
 Gentili, F., Canada
 Joe, S., USA
 Kassam, A., Canada
 Kennedy, D., USA
 Krischek, B., Canada
 Lee, J., USA
 Leopold, D., USA
 Moe, K., USA
 Nogueira, J.F., Brazil
 Palmer, J., USA
 Ponikau, J., USA
 Setzen, M., USA
 Schaefer, St., USA
 Shah, J., USA
 Stamm, A., Brazil
 Schwartz, T., USA
 Voegels, R., Brazil
 Zimmer, L. A., USA
 Zinreich, J., USA

Near and Middle East/Africa

- Alamri, I., KSA
 Atef, A., Egypt
 Bavermann, I., Israel
 Bosraty, H., Egypt
 El-Hefny, Y., UAE
 Fagan, J., South Africa
 Fliss, D., Israel
 Kamel, R., Egypt
 Lubbe, D., South Africa
 Naraghi, M., Iran
 Negm, H., Egypt
 Saafan, M.E., Egypt
 Tarabichi, M., UAE



Austrian National Faculty

Beham, A.
Clarici G.C.
Eustacchio, S.
Groeger, H.
Habermann, W.
Kainz, J.

Keck, T.
Knosp, E.
Koele, W.
Kreil, W.
Kurschel-Lackner, S.
Matula, C.

Oberascher, G.
Pistracher, K.
Swoboda, H.
Tomancok, B.
Tschabitscher, M.
Wolf, G.

IMPORTANT ADDRESSES

Organising Secretariat, Housing, Exhibition & Sponsoring

Mondial

Mondial Congress & Events
Mondial GmbH & Co KG

Operngasse 20B, 1040 Vienna, Austria

Tel. +43 (0)1 58804 0

Fax +43 (0)1 58804 185

endovienna2012@mondial-congress.com

Congress Venue

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Messe Wien
Congress Center

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Conference Center

Messeplatz 1
1021 Vienna, Austria

www.messecongress.at

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as per printing date

REGISTRATION INFORMATION

Onsite Registration Opening Hours

Thursday, March 29, 2012	10.30–19.00
Friday, March 30, 2012	06.30–19.00
Saturday, March 31, 2012	06.30–19.00
Sunday, April 1, 2012	07.00–14.45

Onsite Registration Fees

(valid from March 1, 2012)

Delegate	EUR 650
<36 years old*	EUR 450
Accompanying Person	EUR 110
Instructional Course	EUR 20

*Date of congress is valid. ID required

Delegate Registration Fee Includes:

- conference documentation; participation in scientific programme (excl. Instructional Courses); attendance to congress opening and welcome reception; coffee breaks; admission to Industrial Exhibition

Accompanying Persons Registration Fee Includes:

- attendance to the congress opening and welcome reception, guided city tour

Payment

Please note that all on-site payments need to be made in EURO (€) or by credit card (VISA, MASTERCARD, DINERS, AMEX will be accepted). Unfortunately we cannot accept traveller cheques, other credit cards, eurocheques or other currencies. Please note that there is no currency exchange possibility at the congress venue.

Registration Counters

Pre-Registration

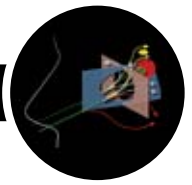
For participants registered in advance. Please have your confirmation letter and ID close at hand in case they are required.

On-site Registration

For participants registering and paying their registration fees on-site — at this stage, congress bags are subject to availability only.

Instructional Courses

Participants may secure remaining tickets for the Instructional Courses at this counter.



Congress Bags

Congress bags can be picked up at the congress bag counter within the registration area.

Name Badges

Participants will receive their name badges when collecting their congress documents. You are kindly requested to wear your name badge during all congress events, including the networking activities. Please note that admission to scientific sessions is strictly restricted to participants wearing their badges. Accompanying persons are not entitled to attend the scientific sessions except the congress opening & welcome reception.

Abstract CD

A copy of the Endovienna2012 Abstract CD is included in your congress bag.

Certificate of Attendance

Your certificate of attendance will be included in your congress documents.

CME Credits

The scientific programme of Endovienna2012 is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide CME activity for medical specialists.

Endovienna2012 has been accredited with 17 CME credits.

The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

EACCME credits are recognised by the American Medical Association towards the Physician's Recognition Award (PRA).



DESIGNATED AREAS

Poster Area

Please refer to page 86 for details regarding your posters. Scientific Posters will be displayed in the poster area in the exhibition hall, located on the ground floor.

Speakers' Preview Room

The speakers' preview room is located on the ground floor right next to the registration area. Staff and equipment will be available for you to arrange and preview your PowerPoint presentation.

Opening Hours:

Thursday, March 29, 2012 11.30 – 18.00

Friday, March 30, 2012 06.30 – 18.45

Saturday, March 31, 2012 06.30 – 18.45

Sunday, April 1, 2012 07.00 – 14.15

For detailed information all presenters should refer to page 21.

Message Board & Future Meetings Table

The message board and the future meetings table can be found in the exhibition area.

Exhibition

The Exhibition will take place on the ground floor.

Exhibition Opening Hours:

Thursday, March 29, 2012 12.00 – 18.45

Friday, March 30, 2012 08.00 – 18.00

Saturday, March 31, 2012 08.00 – 18.00

Sunday, April 1, 2012 08.00 – 14.15

Cloakroom

A cloakroom is available on the level -1 during the congress.

Free WI-FI

Download the scientific programme overview from the congress website or check your e-mails by using the free WIFI-connection sponsored by **ENTrigue** at the congress venue. Please pick up your code, after you have registered, at the **ENTrigue** booth in the exhibition area.

First Aid Center

For medical assistance and/or emergency service, a qualified physician is available at the Congress Venue. In case of need, please contact the staff at the registration desk.



GENERAL INFORMATION

HOW TO REACH THE CONGRESS VENUE

Car

GPS/Navigation: 1020 Vienna, Messeplatz 1

From the south: Südbahn A2 - Südosttangente A23 in the direction of Praha/Brno – exit Handelskai/Messezentrum

From the east: (Wien-Schwechat Airport): Ostautobahn A4 – Südosttangente A23 in the direction of Praha/Brno - exit Handelskai/Messezentrum

From the west: Westautobahn A1 until the motorway junction at Steinhäusl – Außenringautobahn A21 until the motorway junction at Vösendorf – Südosttangente A23 in the direction of Praha/Brno - exit Handelskai/Messezentrum

From the north: Donauuferautobahn A22 until the exit for Reichsbrücke (direction Zentrum) – after the bridge turn left at the first traffic light into Vorgartenstraße and drive to the junction to Ausstellungsstraße

Parking

The nearest parking garage – within walking distance – is 'Parkhaus A' which offers approx. 1.700 parking spaces in total.

Taxi

A taxi stand is located in front of the congress centre. All Vienna taxis are metered.

Public Transportation Ticket

Vienna offers an efficient and modern public transportation network of underground lines, trams and buses. The congress venue has an easy access to the underground system. A public transportation map can be found in your congress bag. To reach the Reed Messe you need to exit the station "Messe-Prater" (purple line – U2) which directly leads you to the congress centre.

A 4 Day Ticket can be obtained at the registration area.

Congress Language

All sessions during Endovienna2012 will be held in English. No simultaneous translations will be provided.

Currency

The official Currency in Austria is EURO (€).

Weather

The temperatures at end of March might still be low. So don't forget to bring your jacket! For a detailed weather forecast, please visit: www.zamg.ac.at

Electricity

The main voltage in Austria is 220V.

Time

Vienna is in the Central European Time Zone (CET), one hour ahead of Greenwich Mean Time (GMT).

Useful Telephone Numbers

Ambulance: 144; **Police:** 133; **Fire Brigade:** 122

Taxi: +43 (0)1 31 300 or +43 (0)1 40 100 or +43 (0)1 60 1 60

Smoking policy

The congress venue is a non smoking facility.

Bank and Exchange

Most Austrian banks will change traveller's cheques as well as cash. Banking hours in general are Monday, Tuesday, Wednesday, Friday 08:00–12:30 and 13:30–15:00, Thursday 08:00–12:30 and 13:30–17:30. ATMs are located outside most banks, cash can be withdrawn there 24/7. National and foreign Maestro cards (cash cards) as well as Mastercard, AMEX, Visa and Diners are accepted. Credit cards are also accepted by numerous hotels, restaurants, shops and gas stations.

Credit Cards

Kindly consider that VISA, MASTERCARD, DINERS CLUB and AMEX are accepted at Endovienna2012. In case of loss of your credit card, please call:

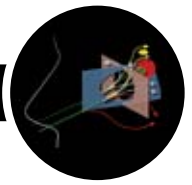
VISA & MASTERCARD: +43 (0)1 71111-770

DINERS CLUB: +43 (0)1 50135-14, -135, -136

AMEX: 0810 910 940

Cash Points

An ATM can be found in the mall of the congress centre. Please ask at the registration desk for directions.



Shopping

Shops are generally open Monday to Friday from 09:00–18:00 and from 09:00–17:00 on Saturday. The closest shopping mall is “Stadion Center”.

Restaurants

Vienna’s restaurants range from gourmet-type restaurants to informal inns and Heurigen (Austrian wine taverns). There are also many international restaurants in the city, offering almost any kind of cuisine. In Austria, lunch is generally served between 12.00 - 14.00, dinner around 19.00.

Tipping

Service is usually included in the prices in bars and restaurants. Tips are always welcome and usually 10%.

Insurance and Liability

The organisers cannot be held responsible for any personal injury, loss, damage or accident to private property, nor for additional expenses incurred as a result of delays or changes in air, rail, road or other services, strikes, sickness, weather and other causes. All participants are encouraged to make their own arrangements for health and travel insurance.

Security in Vienna

In general, Vienna is a safe city and the Viennese are friendly and helpful. Unfortunately, there can be exceptions, especially in places where people congregate, this is where car thieves, pickpockets and con artists like to work “best”. We therefore recommend that you take your standard precautions during your stay in Vienna.

OPENING SESSIONS & OFFICIAL NETWORKING PROGRAMME

OPENING SESSIONS

Opening Demo Dissection

Thursday, March 29, 2012 12.15 – 13.45, Plenary Hall

Plenary Session I

Thursday, March 29, 2012 14.00 – 15.30

Plenary Session II Cum Opening Ceremony

Thursday, March 29, 2012 16.00 – 17.45

Welcome Reception

Thursday, March 29, 2012 17.45 – 19.00 Exhibition Area

Congress Evening

Friday, March 30, 2012 19.00–23.00

Contribution: EUR 15 per person. Tickets are limited and must be obtained at the registration desk on a first come - first served basis.

Departure of bus transfer from Heldenplatz in the city centre of Vienna: 19.00 (for meeting point, please see map provided)

Location: Heuriger Wolff, Neustift am Walde, Rathstraße 44-50, 1190 Vienna

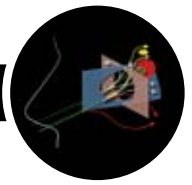
Enjoy a typical Austrian evening and take the chance to meet old friends and make new ones by following the Mayor's invitation to this evening. Dresscode: casual



Closing Ceremony and Poster Prizes

Sunday, April 1, 2012 14.15–14.45

Room Stolz 1



GUIDELINES FOR ORAL AND POSTER PRESENTATIONS

Speakers' Preview Room Opening Hours

Thursday, March 29, 2012 11.30–18.00

Friday, March 30, 2012 06.30–18.45

Saturday, March 31, 2012 06.30–18.45

Sunday, April 1, 2012 07.00–14.15

Guidelines for Oral Presentations

Oral presentations at Endovienna2012 should be of 6 minutes duration, allowing an additional discussion time of 2 minutes.

Speakers are asked to keep their presentations within the given time limits. This is of utmost importance to preserve the session and programme schedule!

Speakers are requested to disclose any potential conflicts of interest regarding their current presentation on the first slide.

Speakers should deliver and view/check the presentation at the Speakers Preview Room (level 0 right next to the registration area) at least 3 hours prior to the start of the respective session.

For sessions starting at 08.15, presentations should be turned in before 18.00 the previous day in order to avoid any delay.

Format: Microsoft Office PowerPoint, Windows Version XP, 2003 or higher, Windows 7

Electronic Support: CD-ROM or USB only

For Mac Users:

It is possible to convert Keynote into PowerPoint presentations in the Speakers Preview Room, please make sure to allow enough time for this!

Please do not bring Keynote presentations directly to the session rooms!

Videos should be included in your PowerPoint Presentation or at least be in a format that is supported by Windows Media Player.

Please note that it is NOT possible to hand over PowerPoint presentations directly to the technical assistant in the session rooms!

Guidelines for Poster Presenters

Posters must be prepared and printed in the following format:

Format: Portrait

Height: 130 cm, **Width:** 90 cm

Each poster has a specific number, assigning it to the respective poster wall.

Material for mounting posters is provided at the poster walls.

Poster mounting times are the following:

Thursday, March 29, 2012 from 10.30 to 19.00 or

Friday, March 30, 2012, from 07.00 to 10.30

Note that all posters have to be mounted by Friday, March 30, 2012 at 10.30 the latest (to be eligible for Poster Awards)! Presenters are kindly requested to remove their posters on Sunday, April 1, 2012 between 10.30 and 14.45. Posters not removed by then will be disposed of.

There will be attractive awards for the three posters, judged best by the awards committee, of € 1.000, € 500 and € 300 respectively.

Posters must be mounted by Friday, March 30th, 2012, 10.30, to be included in the evaluation process.

The poster prizes will be awarded in the closing ceremony on Sunday, April 1, in room Stolz 1.

INSTRUCTIONAL COURSES

Instructional Courses (IC) are **NOT INCLUDED** in the registration fee. Remaining tickets can be purchased at the "Instructional Courses Desk" within the registration area.

For organisational reasons, ICs need to be pre-booked either online, or on-site the latest. Please note that there are **parallel ICs** on all days, which therefore **cannot be booked simultaneously**.

Friday, March 30, 2012 07.00 – 08.00

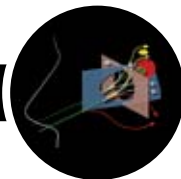
IC13 CSF LEAKS/ SKULL BASE-DEFECTS: FROM A-Z; A CASE-BASED INSTRUCTIONAL COURSE

H. Stammberger, M. Mokry, H. Braun, V. Gellner, G.C. Clarici, P.V. Tomazic (Austria)

This instructional course is aimed at providing the participant with practical tips and tricks regarding CSF-Leaks, including minor and major skull base defects. Real cases will be shown on video clips and discussed in detail, from the "spontaneous" leak in the olfactory ridge to difficult-to-handle meningoencephaloceles in the lateral sphenoid.

Techniques of defect repair following substantial skull base resection will be shown as well as failures to learn from.

After the course participants should be in a better position to select their surgical techniques for individual CSF lesions.

**IC19** SURGICAL ORIENTED 3D ANATOMY OF THE SINUSES, SELLA AND PARASELLAR REGION

P. Castelnovo, P. Nicolai (Italy)

The course is build up in order to provide to surgeons an unique opportunity to refine their knowledge on endoscopic anatomy of sinonasal, sellar and parasellar regions with a 3D perspective. It will allow to feel the 3D vision by provided glasses and special screen projector. It will provide the best anatomical model available in Europe prepared by Manfred Tschabitscher.

IC03 ASPIRIN SENSITIVITY IN NASAL POLYPS – RECENT DEVELOPMENTS IN DIAGNOSIS AND TREATMENT

J. Gosepath (Germany)

In recent decades the association of recurrent nasal polyposis with an often incomplete clinical triad of aspirin (ASA) intolerance caused by a disturbance of the arachidonic pathway has most likely been underestimated. This immunologic constellation however appears to be one of the few clearly detectable causative mechanisms in the etiology of recurrent polyposis. Even in the recent literature long term desensitization is mostly conducted using high maintenance doses of ASA. Own studies however have gathered evidence that a low dose treatment is feasible allowing for long term administration.

This Instructional Course focuses on the most recent developments in diagnostics and novel therapeutic avenues. Several diagnostic measures like routine analysis of blood eicosanoid levels as well as successful regimes in long-term low dose ASA de-activation are discussed. Aim of this course is to enable participants to identify and to feel comfortable treating this important and frequent condition in our patients with nasal polyposis.

IC04 SURGERY OF THE OLFACTORY CLEFT

R. Jankowski (France)

Four types of endoscopic surgical procedures can be performed to remove lesions in the olfactory cleft : 1) simple polypectomy for polyps arising from the superior or supreme meati or the sphenoidal recess 2) limited resection of the olfactory cleft for lesions like adenomatoid hamartoma, inverted papilloma, hemangiopericytoma, etc... 3) exenteration of the olfactory cleft in woodworker's adenocarcinoma, 4) endoscopic anterior skull base resection in malignant tumours like esthesioneuroma, undifferentiated carcinoma, etc... The olfactory cleft is also the first place to explore when looking for the origin of spontaneous CSF-rhinorrhea in patients with normal imaging.

IC20 MAXILLECTOMY— RESECTION AND RECONSTRUCTION (DEMO DISSECTION)
D. Fliss (Israel)

This instructional course will demonstrate the technique, pearls and pitfalls of all types of maxillectomy. A comprehensive algorithm for the excision and reconstruction of the craniomaxillofacial defects following maxillectomy will be presented.

Friday, March 30, 2012 17.45–18.45**IC02 APPROACHING CAVERNOUS SINUS (DEMO DISSECTION)**
G. Frank (Italy), E. Pasquini (Italy)

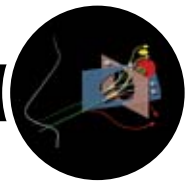
The cavernous sinus surgery represents one of the most innovative applications of the endoscopic surgery and extended approaches. Both the panoramic/angled endoscopic vision and the introduction of more lateral routes of the extended endonasal approach permit to control the entire parasellar region. This region seems not to be a taboo anymore. In the present instructional course we will summarise and explain the selection criteria and the technical pearls that we learned after ten years of experience and more than one hundred patients surgically treated. We can say that, respecting these rules, the endoscopic cavernous sinus surgery has become a safe and effective procedure. The advantages are enormous, from the clinical benefit, facilitating the efficacy of any complementary treatment, to the cure of the patient. Therefore, we think that this approach should be part of the armamentarium of every Skull Base Centre.

IC14 3D ANATOMY APPROACHES TO SKULL BASE
P.J. Wormald (Australia)

This instructional course presents a true 3D step by step walk through the anatomy of the anterior skull base, pterygopalatine fossa and infratemporal fossa, sphenoid sinus, sella and parasella regions, the clivus and posterior fossa. The presentation focusses on the anatomy (in 3D) in a step-wise logical fashion. The 3D anatomical pictures allow a much greater understanding of some of the very complex areas in the nose and skull base and associated intracranial areas.

IC09 BACTERIAL BIOFILMS IN SINUSITIS
J. Palmer (USA)

Bacterial biofilms are three dimensional structures of bacterial concretions that when formed in the sinuses, are notoriously hard to treat. This instructional course will begin with proper diagnosis of bacterial biofilm disease, and then cover much of the basic science knowledge of bacterial biofilms in sinusitis – their impacts on cilia function, immune status, and evolution of disease. A special highlight will be case-based presentation of current strategies to treat



bacterial biofilm chronic sinusitis, including surgical videos, medical management profiles, and irrigation recipes. Attendees will be given treatment algorithms and exact irrigation recipes used by the instructor in treatment of these difficult patients to use at their home institutions.

IC18 DIAGNOSIS AND THERAPY OF SMELL DISORDERS

C. A. Mueller (Austria), A. Welge-Luessen (Switzerland), D. Leopold (USA)

Quantitative and qualitative olfactory disorders (i.e., anosmia, hyposmia, parosmia) lead to a significant loss of quality of life. The management of patients includes medical history, endoscopic evaluation, assessment of olfactory acuity with validated tests and adequate therapy. Epidemiology of smell disorders, different tests of olfactory function and concepts of therapy, including olfactory training, will be discussed. Moreover, the effect of endonasal surgery on olfaction will be shown.

IC10 POWERED INSTRUMENTS IN COMPLEX ANATOMY AND COMPLICATED CASES (DEMO DISSECTION)

N. Prepageran (Malaysia)

This instructional course will highlight the clinical aspects of powered instruments e.g. debrider and drills used in advanced surgical cases with numerous surgical videos. These would cover aspects of debrider for lesions on dura, intradural, optic nerve and orbit with surgical illustrations. Surgical Endoscopic malignancies will also be extensively illustrated. Endoscopic anterior and central skull base exposures with high speed drills will be illustrated with videos of surgical cases. Participants of this workshop would be given a powered instruments manual and DVD comprising of numerous surgical videos describing the use of debrider and drills in complicated endoscopic cases and skull base surgery.

Saturday, March 31, 2012 07.00–08.00

IC15 ENDOSCOPIC SURGERY AT THE ANTERIOR SKULL BASE – “DRAF TECHNIQUES”

U. Bockmuehl (Germany)

This course will use a didactic format to educate how to resect benign lesions and selected malignant tumours at the anterior skull base. Indications and contraindications of the endoscopic approach will be discussed. By using digital media and video clips the surgical steps will be demonstrated with special emphasis on the ‘Draf techniques’ especially type III drainage.

IC11 ENDOSCOPIC MANAGEMENT OF MUCOCELES

A. Leunig (Germany), H. R. Briner (Switzerland)

This instructional course demonstrates the essentials of the endoscopic endonasal procedure for the successful marsupialization of paranasal sinus mucoceles. Answers will be given to the following questions: what imaging? when navigation? what instruments and endoscopes? how to manage loss of bony support? what are the limits for the endoscopic endonasal approach? A variety of HD-videoclips with instructive cases of all paranasal sinus mucoceles will complete this course.

IC12 SURGICAL MANAGEMENT OF SEVERE EPISTAXIS (DEMO DISSECTION)

D. Simmen (Switzerland)

Severe epistaxis can be spontaneous, occur intraoperatively during sinus or skull base surgery or postoperatively as a complication from nasal surgery. The main goal of this session is to highlight the vascular anatomy of the nose and to explain the different surgical procedures to safely manage the major vessels in the nose. This will also include a treatment algorithm updated with the latest knowledge in the field. This is not only important to stop any epistaxis but also it helps to extend the scope of sinus surgery or endoscopic tumour surgery.

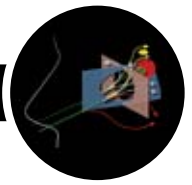
A live cadaver demonstration will highlight the surgical options to manage the vascular anatomy with many practical hands on hints for the surgeon.

IC08 TONES – TRANSORBITAL NEUROENDOSCOPIC SURGERY – AN ALTERNATIVE APPROACH (DEMO DISSECTION)

K. Moe (USA)

Transnasal endoscopic approaches to the skull base have advanced significantly, providing new and minimally invasive access portals. However there remain areas in the skull base such as the lateral aspect of the cavernous sinus that can be challenging or suboptimal to approach through the nose. For this reason, transorbital endoscopic approaches have been developed to provide additional access to the anterior and middle cranial fossae. These approaches are scarless, direct, rapid to perform, and provide excellent access for visualizing and treating skull base pathology. This instructional course will describe the steps in preoperative computerized surgical planning and analysis; discuss the various transorbital approaches to the skull base; and demonstrate the surgical technique to access the anterior and middle cranial fossae through these corridors.

Transorbital portals provide a versatile pathway to various skull base targets; they can be alone or in combination with transnasal approaches in multiportal technique to provide the surgeon with the optimal viewing and manipulation angles to successfully treat complex skull base pathology. By analyzing the approaches preoperatively and performing virtual endoscopy, the surgeon can provide the patient with the safest and most effective treatment possible.



Saturday, March 31, 2012 17.45–18.45

**IC16 THE TRANSPTERYGOID APPROACH TO THE CAVERNOUS SINUS
(DEMO DISSECTION)**

P. Castelnovo, D. Locatelli (Italy)

The course will provide a complete insight on the real and actual possibilities in addressing the cavernous sinus through a transpterygoid approach. Anatomical details and surgical hints will be underlined with the aid of a dedicated, surgically oriented, dissection. The great experience of the authors in this particular field will be honestly and clearly shared with the audience in order to offer a significant contribution to those who are interested in this surgical approach. This course will be done with a demo dissection.

**IC06 SURGICAL ANATOMY OF THE FRONTAL RECESS AND SINUS
(DEMO DISSECTION)**

A. Leunig (Germany), H. Briner (Switzerland)

The endoscopic endonasal approach to the frontal sinus is the most difficult part of endoscopic sinus surgery due to its highly complex and variable anatomy of the frontal recess. Due to its close anatomical relationship with the anterior skull base and the orbit, thorough knowledge of the frontoethmoidal anatomy is key for safe surgery. This instructional course has its focus on indications for surgery of the frontal recess and sinus, the anatomy of the frontoethmoidal region with its anatomical variations and the relevant anatomical landmarks.

**IC23 CHOOSING THE RIGHT APPROACH FOR CRANIOPHARYNGIOMAS
(DEMO DISSECTION)**

C. Teo (Australia)

Given the high recurrence rate with incomplete resection and the significant rates of morbidity and mortality with second surgery, no other tumour presents such a surgical dilemma as does the patient with a craniopharyngioma. With the evolution of endonasal surgery and other keyhole techniques, the surgeon needs to be familiar and adapt at all approaches to offer their patients the best treatment. This Instructional Course will offer the attendee an objective evaluation of all the operative approaches to the sellar region, underscoring the importance of pre-operative imaging, endocrine status, patient's age etc. in choosing either a trans-cranial or endonasal approach. Particular emphasis will be placed on the eyebrow craniotomy.

IC17 A MODERN CONCEPT IN CSF DIAGNOSIS AND DURA REPAIR
C. Meco, G. Oberascher (Austria)

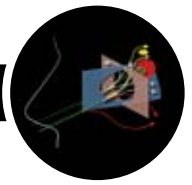
The instructional course aims to introduce a modern concept for CSF rhinorrhea diagnosis and dura repair. An up-to-date practical and problem oriented methodology that reflects our symptom and etiology based clinical approach will be presented. For optimum management of each case, the importance of reliable diagnosis will be emphasized. Thus, the most modern CDF diagnostic test (Beta-trace protein, beta-2-transferrin and sodium-fluorescein tests) and imaging methods (High-resolution CT and MR-cisternography) will be discussed with their advantages and limitations. The utility of the new, fast and cost-effective beta-trace protein test will be pointed out. In reference to our vast experience with all these diagnostic tools, the synergistic effect reached by the optimal combination of them will be demonstrated with illustrative cases in a problem solving matter. At the end of the course, each participant should be able to indicate and localize a possible dura lesion or a CSF fistula precisely by using a comprehensive algorithm with easily applicable patterns. Accordingly, this will improve their therapeutic, but especially surgical decision making for these potentially vital conditions. Finally, the modern concept of dura repair and our experience in surgical management will be shared. Special emphasis will be given on endonasal endoscopic approach, which is widely and effectively used for most of the cases today. The endoscopic technique and water-tight multilayer sealing of various defects at different locations along the skull base will be discussed with examples.

Sunday, April 1, 2012 07.00–08.00**IC07 GREAT PRACTICAL VALUE OF THE LAMB HEAD AS A MODEL FOR TRAINING FESS TECHNIQUES (DEMO DISSECTION)**
R. Mladina (Croatia)

The beginners in FESS frequently have two problems: a) orientation of the endoscope and b) skills of bimanual work in combination with simultaneous watching the procedure on the screen.

Experienced surgeons also need an opportunity to do some stirs and maneuvers more freely, i.e. without fear of producing damage to the patient. This means that they also need a relaxed training on the model, just to improve their skills. Human cadaveric dissection is quite expensive (ca 1000 USD for one or two hours of active work). Besides, there are some countries where the legislative rules do not allow doctors to touch the dead people for educational purposes and it seems that the number of such countries is recently growing, so the problem of training is also growing in parallel.

Lamb's head animal model is simple to use, superb, very suitable and cheap so-



lution for the training of the endonasal endoscopic sinus surgery technique (less than 80 USD for 3 hours work). In addition, enthusiastic colleagues can perform the dissection by themselves in their operating rooms during late afternoons for only 1-2 USD!) as to learn or improve their surgical technique.

The accent is on “technique” since the first and most important thing to learn is the technique itself. It is reasonable to go for trainings on the human specimens as to get skilled to perform particular, specific, more demanding procedures only after the candidate started to feel free and relaxed in using the endoscope and all kinds of FESS instrumentation on the lamb’s head.

A short ppt presentation at the beginning of the IC will give an introductory insight in the issue, and afterward the live dissection will be performed in step-by-step manner.

IC01 PRINCIPLES OF ENDOSCOPIC SKULL BASE SURGERY AND THE NASAL CORRIDORS

R. Carrau (USA)

This course will include basic and advanced principles of endoscopic visualization, exposure and dissection. It will provide strategies on how to optimize the sinonasal corridor and discuss critical anatomical landmarks. An objective comparison of the advantages and disadvantages of endoscopy will be discussed.

IC05 ENDOSCOPIC MEDIAL MAXILLECTOMY IN INVERTED PAPILLOMA (DEMO DISSECTION)

R. Kamel (Egypt)

This IC of cadaver dissection, aims at demonstrating the state of the art in how to perform medial maxillectomy transnasally without any need for adjuvant sublabial incision and/or septal transfixion. It begins by demonstrating MMA (middle meatal antrostomy) for CRS (Chronic Rhinosinusitis) with or without polyps, then extends to TPMM (transnasal partial medial maxillectomy) done in recurrent eosinophilic fungal rhinosinusitis of the maxillary sinus. Lastly dissection proceeds to TEMM (transnasal endoscopic medial maxillectomy) performed in cases of inverted papilloma originating from the maxillary sinus and other pathologies.

IC21 EXTENDED FRONTAL SINUS SURGERY/REVISION FESS (DEMO DISSECTION)

W. Fokkens, C. Georgalas (The Netherlands)

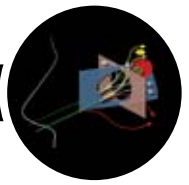
Surgery of the frontal sinus requires exquisite knowledge of the anatomy of the frontal sinus, the frontal sinus drainage pathway, and the surrounding structures such as the orbit, the brain, and the other paranasal sinuses. Usually extended surgery of the frontal sinus is performed in patients who have been operated before which has changed important anatomical landmarks. This instructional course will focus on safe surgery in revision cases from revision ethmoidectomy until Draf III procedure.

LIST OF EXHIBITORS

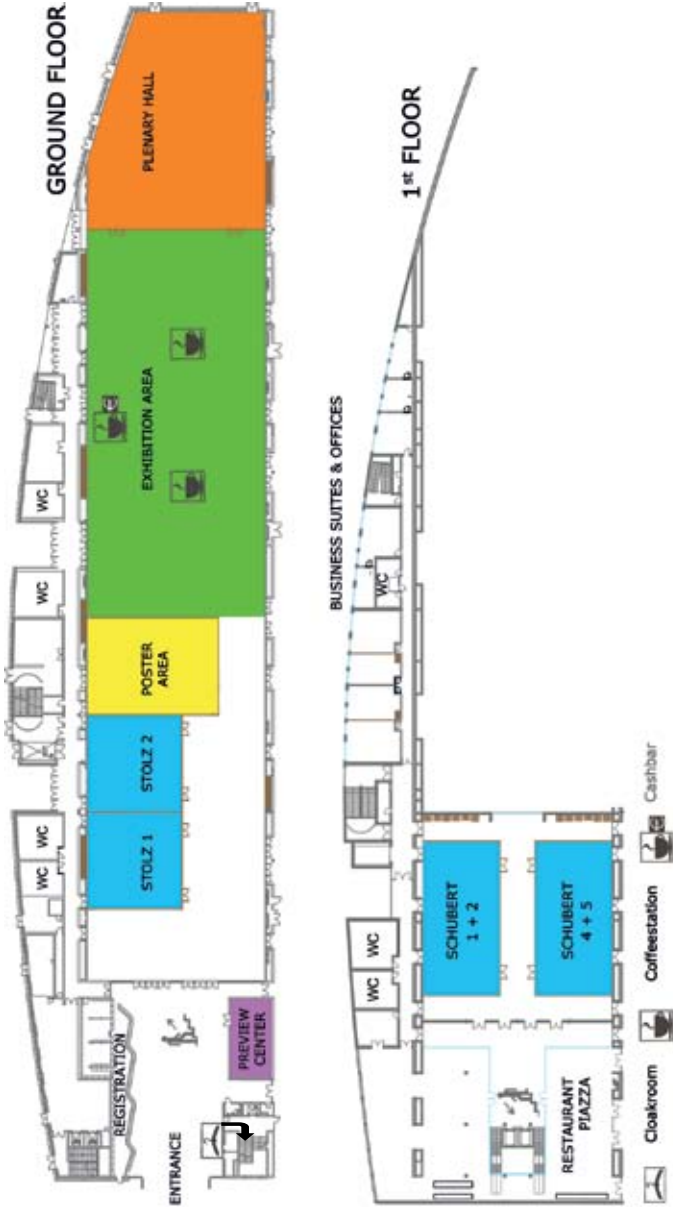
Name

Acclarent
ArthroCare
B. Braun Aesculap
bess medizintechnik
Bionorica
Brainlab
Carl Zeiss
Ducest Medical GmbH
ENTrigue Surgical
Fahl Medizintechni-Vertrieb GmbH
Fentex medical GmbH
Fiagon
GE Healthcare
IMRIS Germany GmbH
joimax
Jullundur Surgical Works
Karl Storz
Kettenbach GmbH &Co. KG
Medical Diagnostic Systems/Xoran
Medtronic
NSK Europe GmbH
Olympus
Polyganics
Rhinolight Ltd.
Sigmapharm
Sutter Medizintechnik
Synthes Austria
Thieme Publishers
Visionsense
Wisepress
Xion


A detailed exhibition plan is available on-site.



FLOOR PLAN CONGRESS CENTRE





SESSION ABBREVIATIONS & COLOUR CODES

 **IC** Instructional Course

Of Special Interest for:

 **ALL**

 **RNS/NS** Rhinoneurosurgery/Neurosurgery

 **ENT** Ear, Nose, Throat Session

 **RNS** Rhinoneurosurgery

 **NS** Neurosurgery

 Joint Session

 **LS** Lunch Symposium



SCIENTIFIC PROGRAMME OVERVIEW
Thursday, March 29, 2012

Plenary Hall

12.15 – 13.45	Opening Demo Dissection
14:00 – 15:30	Plenary Session I
15.30 – 16.00	Coffee Break
16.00 – 17.45	Plenary Session II Cum Opening Ceremony
17:45 – 19:00	Welcome Reception in the Exhibition Area

Onsite Registration Opening Hours

Thursday, March 29, 2012	10.30–19.00
Friday, March 30, 2012	06.30–19.00
Saturday, March 31, 2012	06.30–19.00
Sunday, April 1, 2012	07.00–14.45

DETAILED SCIENTIFIC PROGRAMME
Thursday, March 29, 2012**Opening Demo Dissection****12.15–13.45** PLENARY HALL

The opening demo dissection will be performed by the Graz Medical University Interdisciplinary Skull Base Team, illustrating routine steps, tips and tricks from basic FESS to advanced transnasal skull base approaches on specially prepared fresh anatomical specimen.

This live on stage procedure is free for Endovienna2012 registered participants. Both anatomical navigation ("The Lamella Principle") as well as image guided navigation will be applied.

Surgical team: H. Stammberger, M. Mokry, H. Braun, V. Gellner, G.C. Clarici, P. V. Tomazic

A DVD of the Opening Demo Dissection can be purchased at the registration counter starting from Friday, March 30, 2012, 15.00 hrs.

Plenary Session I**14.00 –15.30** PLENARY HALL

- IL001** WELCOME AND MODERATION
H. Stammberger, M. Mokry (Austria)
- IL002** HOMAGE TO PROFESSOR WOLFGANG DRAF: SINUS AND SKULL BASE SURGERY: FROM ENDOSCOPE TO MICROSCOPE TO ENDOSCOPE
P. Nicolai (Italy)
- IL003** (F)ESS - GETTING STARTED
D. Kennedy (USA)
- IL004** IMAGING - THEN AND NOW
J. S. Zinreich (USA)
- IL005** ADVANCED ESS – POSSIBILITIES
P. J. Wormald (Australia)
- IL006** PITUITARY SURGERY: THE MICROSCOPE - ENDOSCOPE DISCUSSION
P. Cappabianca (Italy)
- IL007** ENDOSCOPIC ANATOMY AND APPROACHES
A. Stamm (Brazil)

COFFEE BREAK**15.30 – 16.00** EXHIBITION AREA



Plenary Session II Cum Opening Ceremony 16.00 –17.45 PLENARY HALL

AN AUSTRIAN (??) SOUND OF MUSIC Part I

Performed by Ensemble Wild

IL008 PEARLS OF EXTERNAL SKULL BASE SURGERY

J. Shah (USA)

IL009 AN ENDOSCOPIC JOURNEY (LIVE ON STAGE)

M. Tschabitscher (Austria)

IL010 HIGH-RESOLUTION IMAGING OF THE SPINE: KEY TO A BETTER INSIGHT IN 3D RELATIONS WITHIN THE SPINE

G. Groen (The Netherlands)

IL011 THE PAST MEETS THE FUTURE: ENDOSCOPIC JOURNEY THROUGH THE WHITE MATTER OF THE BRAIN— MORE THAN 12 CRANIAL NERVES: COULD IT BE??

A. Kassam (Canada)

IL012 RHINOLOGY: DEVELOPING WORLD CHALLENGES

J. Fagan (South Africa)

AN AUSTRIAN (?!) SOUND OF MUSIC Part II

Performed by Ensemble Wild

IL013 EXTREME ENDOSCOPY ON MOUNT EVEREST

D. Howard (United Kingdom)

AN AUSTRIAN (!!) SOUND OF MUSIC Finale

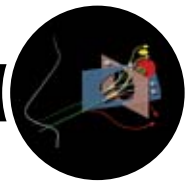
Performed by Ensemble Wild

Welcome Reception 17.45 –19.00 EXHIBITION AREA

SCIENTIFIC PROGRAMME OVERVIEW
Friday, March 30, 2012

	Plenary Hall	Stolz 1
07.00–08.00	IC 13 CSF Leaks/ Skull Base-Defects: From A-Z; a Case-Based Instructional Course	IC 20 Maxillectomy - Resection and Re-construction (Demo Dissection)
08.15–10.00	German Skull Base Society Joint Meeting: All Roads Lead to Vienna	ENT 02 Fungal Diseases/AFS/EFRS/CRS
Coffee Break		
10.30–12.00	ENT 03 ESS: Basics & Complications	ENT 04 Balloon - Based Technology and Applications
12.00–13.45	Lunch Break	LS 03 ACCLARENT LUNCH SYMPOSIUM
13.45–15.30	ENT 15 Persistant CRS/Polyposis	
Coffee Break		
16.00–17.30	ENT 01 Endoscopic Septorhinoplasty/ Plastic Surgery	ENT 08 Inverted Papilloma
17.45–18.45	IC 02 Approaching Cavernous Sinus (Demo Dissection)	IC 10 Powered Instruments in Complex Anatomy and Complicated Cases (Demo Dissection)

- IC Instructional Course
- ALL
- RNS/NS Rhinoneurosurgery/Neurosurgery
- ENT Ear, Nose, Throat Session
- RNS Rhinoneurosurgery
- NS Neurosurgery
- Joint Session
- LS Lunch Symposium



	Stolz 2	Schubert 1+2	Schubert 4+5
07.00 – 08.00	IC 03 Aspirin Sensitivity in Nasal Polyps - Recent Developments in Diagnosis and Treatment	IC 04 Surgery of the Olfactory Cleft	IC 19 Surgical Oriented 3D Anatomy of the Sinuses, Sella and Parasellar Region
08.15 – 10.00	RNS 01 Endoscopic Surgical Corridors I	NS 01 Spine	
Coffee Break			
10.30 – 12.00	RNS 02 Pituitary Lesions I	ENT 14 Juvenile Angiofibroma I	
12.00 – 13.45	LS 01 STORZ LUNCH SYMPOSIUM I (Live Dissection)	Lunch Break	
13.45 – 15.30	RNS/NS 01 Meningiomas	ENT 06 Juvenile Angio-fibroma II	ALL 09 Imaging - Work in Progress
Coffee Break			
16.00 – 17.30	ENT 12 Approaches to Frontal Sinus: To Drill or Not to Drill? – Session Dedicated to the late Professor Wolfgang Draf	Special ESPO Session: Pediatric Sinus & Skull Base Surgery & Endoscopy	
17.45 – 18.45	IC 09 Bacterial Biofilms in Sinusitis	IC 18 Diagnosis and Therapy of Smell Disorders	IC 14 3D Anatomy Approaches to Skull Base

DETAILED SCIENTIFIC PROGRAMME
Friday, March 30, 2012

07.00–08.00

PLENARY HALL

IC13 CSF-Leaks/SKB-Defects: From A-Z; Case-Based Video Session

H. Stammberger, M. Mokry, H. Braun, V. Gellner, G. C. Clarici, P. V. Tomazic
(Austria)

07.00–08.00

Schubert 4+5

IC19 Surgical Oriented 3D Anatomy of the Sinuses, Sella and Parasellar Region

P. Castelnovo, P. Nicolai (Italy)

07.00–08.00

STOLZ 2

IC03 Aspirin Sensitivity in Nasal Polyps- Recent Developments in Diagnosis and Treatment

J. Gosepath (Germany)

07.00–08.00

SCHUBERT 1+2

IC04 Surgery of the Olfactory Cleft

R. Jankowski (France)

07.00–08.00

Stolz 1

IC20 Maxillectomy - Resection and Reconstruction (Demo Dissection)

D. Fliss (Israel)

For detailed information please refer to page 22.



08.15 – 10.00

PLENARY HALL

German Skull Base Society Joint Meeting: All Roads Lead to Vienna

Moderator: J. Schipper (Germany)

IL014 LANDSCAPES AND LANDMARKS OF THE SKULL WITH THE X-BEAM
J.S. Zinreich (USA)

IL015 MY PERSONAL HIGHWAY TO THE ENDOCRANIUM: MODULAR
CLASSIFICATION OF THE ENDOSCOPIC SKULL BASE APPROACHES
A. Kassam (Canada)

IL016 HIGHWAYS AND COUNTRY ROADS TO THE ENDOCRANIUM
H. Schroeder (Germany)

IL017 SUBWAY & TRAM RAILS AS NEUROSURGICAL TRACKS TO THE SKULL
BASE
M. Tatagiba (Germany)

IL018 BIG IS BEAUTIFUL? - SMALL ROADS TO BIG MOUNTAINS
M. Wagenmann (Germany)

IL019 "ARLBERG" TUNNEL OR PASS IN THE ENT - SUMMER AND WINTER?
J. Schipper (Germany)

IL020 TUNNEL EXCAVATION IN SOUTH AMERICA
A. Stamm (Brazil)

ENT02 Fungal Diseases/AFS/EFRS/CRS

08.15 – 10.00 STOLZ 1

Chair: A. Alamri (KSA)

Moderator: J. Ponikau (USA)

0001 CONTINUOUS SPECTRUM OF FUNGUS RELATED SINONASAL
DISEASES
O.I. Mansour (Egypt)

- IL021** AFRS: WHAT ARE THE DIAGNOSTIC CRITERIA?
S. Fakhri (Canada)
- IL022** TEXAS EXPERIENCE WITH AFRS
M. J. Citardi (USA)
- IL023** THE FUNGAL BACKGROUND OF CRS — STATE OF KNOWLEDGE 2012
J. Ponikau (USA)
- O002** THE ROLE OF CT SCAN IN FUNGAL RHINOSINUSITIS
T.Y. Ng, C.J. Tai, M.H. Tsai (Taiwan)
- IL024** BONE REMODELING AFTER ENDOSCOPIC SINUS SURGERY FOR ALLERGIC FUNGAL SINUSITIS WITH BONE EROSION
A. Alamri (KSA)
- IL025** FUNGAL SINUNASAL DISEASE IN ARABIAN COUNTRIES
H. Bosraty (Egypt)
- O003** FUNGAL SINUSITIS IN SUDAN, HISTORY, CLINICAL PRESENTATION, MANAGEMENT AND OUTCOME
O. Khalid (Sudan)
- O004** COMMON ORBITAL COMPLICATIONS OF SINUS ASPERGILLOSIS IN SUDANESE PATIENTS
S. Ahmed (Sudan)
- IL026** FUNGAL RHINOSINUSITIS AND THE ORBIT
R. Kamel (Egypt)

RNS01 Endoscopic Surgical Corridors I

08.15 - 10.00 STOLZ 2

Chair: C. Georgalas (The Netherlands)

Moderator: P. Nicolai (Italy)

- IL027** ENDOSCOPIC TRANSNASAL RESECTION WITH CRANIECTOMY (ERTC): TECHNICAL NOTES AND RESULTS
P. Nicolai (Italy)
- IL028** KEYHOLE APPROACHES TO THE SELLAR REGION
C. Teo (Australia)



- IL029** QOL RESULTS IN EXTENDED ENDONASAL APPROACHES:
A "MATCH MADE IN HEAVEN" OR "A RHINOLOGISTS NIGHTMARE?"
C. Georgalas (The Netherlands)
- IL030** ROLE OF ENDOSCOPIC SURGERY IN THE MANAGEMENT OF BENIGN
PETROUS APEX LESIONS
C. Meco (Turkey)
- IL031** MIDDLE TURBINECTOMY IN ENDONASAL ENDOSCOPIC
TRANSSPHEOIDAL APPROACHES: QUANTIFICATION OF EXPOSURE
AND SURGICAL CORRIDOR
B. Krischek (Canada)
- O005** A QUANTITATIVE ASSESSMENT OF THE ENDONASAL-TRANSMAXILLARY
AND CALDWELL-LUC APPROACHES TO THE ANTERO-LATERAL SKULL
BASE: COMPARING SURGICAL FREEDOM AND ANGLES OF ATTACK OF
TWO ENDOSCOPIC APPROACHES
D.A. Wilson, R.W. Williamson, M.C. Preul, A.S. Little (USA)
- O006** TRANSSPHEOIDAL MICROSCOPIC AND ENDOSCOPIC APPROACHES
TO THE CAVERNOUS SINUS: QUANTITATIVE ANATOMICAL
EVALUATION AND CLINICAL EXAMPLES
F. Doglietto (Italy), M. Rigante (Italy), L. Lauretti (Italy), F. Gentili (Canda),
E. Fernandez (Italy), M. Tschabitscher (Austria), G. Maira (Italy)

NS01 Spine

08.15–10.00 SCHUBERT 1+2

Moderator: W. Kreil (Austria)

Chair: S. Eustacchio (Austria)

- IL032** A 9 YEAR EXPERIENCE IN ENDOSCOPIC SPINAL SURGERY
M. Schubert (Germany)
- IL033** THE TECHNIQUE OF THE TESSYS PROCEDURE: EXPERIENCE IN 477
CASES
M. Ipreburg (The Netherlands)
- IL034** ADVANTAGES AND INDICATIONS OF ENDOSCOPIC SPINE SURGERY
R. Morgenstern (Spain)

- IL035** ENDOSCOPIC INTERLAMINAR APPROACH TO DISC HERNIATION OF THE LUMBOSACRAL SEGMENT
K. Pistracher (Austria)
- IL036** ENDOSCOPIC RELEVANT NEUROANATOMY OF THE LUMBAR MOTION SEGMENT
A. Gibson (United Kingdom)
- IL037** PITFALLS, PROBLEMS AND TRICKS IN THE ENDOSCOPIC TREATMENT OF LUMBAR DISC HERNIATIONS
F.M. Alfen (Germany)
- O007** CERVICAL EPIDUROSCOPY IN TREATMENT OF REFRACTORY CERVICAL PAIN
A.A. Sinagra, M.A. Pérez (Argentina)

COFFEE BREAK

10.00 – 10.30 EXHIBITION AREA

ENT03 ESS: Basics & Complications

10.30 – 12.00 PLENARY HALL

- Chair:** K. Kane (Australia)
Moderator: V. Lund (United Kingdom)
- IL038** FESS: A 25 YEARS EVALUATION
D. Kennedy (USA)
- IL039** FESS IN CRS - WHAT IS THE EVIDENCE OF EFFICACY ACCORDING TO EBM?
V. Lund (United Kingdom)
- O008** ENDOSCOPIC SIMPLE POLYPECTOMY AN EDUCATIONAL TOOL FOR TRANSFORMING A CLINICIAN INTO A CLINICAL INVESTIGATOR
R. Wardani, U.S. Dharmabakti, E. Mangunkusumo, D. Soetjipto (Indonesia)
- O009** FESS WITHOUT BONE REMOVAL – REPORT OF FIRST 400 PATIENTS
M.A. Penttilä (Finland)
- IL040/ O103** MAXILLARY SINUS APPROACHES – INDICATIONS FOR EXTERNAL SURGERY
V. Kozlov (Russia)



- IL041** AVOIDING COMPLICATIONS BY MINIMAL INVASIVE ENDOSCOPIC RHINOSURGERY TECHNIQUES
I. Braverman (Israel)
- IL042** IATROGENIC CAUSES OF CSF LEAKS
C. Meco (Turkey)
- IL043** PERSONAL EXPERIENCES OF CSF RHINORRHOEA
A. Swift (United Kingdom)

ENT04 Balloon – Based Technology and Applications 08.15 – 10.00 STOLZ 1

Chair: M.J. Citardi (USA)
Moderator: R. Voegels (Brazil)

- IL044** ADDRESSING THE BALLOON CONTROVERSY
M.J. Citardi (USA)
- IL045** REVISION OF BALLON SINUPLASTY FAILURES
J. Palmer (USA)
- IL046** RESULTS OF THE GRAZ BALLOON STUDY: CLINICAL CONSEQUENCES
P.V. Tomazic (Austria)
- IL047** WHAT IS NEW IN BALLOON-BASED TECHNOLOGY?
H. Stammberger (Austria)
- IL048** BALLOON SINUPLASTY - STILL A CONTROVERSIAL ISSUE?
S. Schaefer (USA)

RNS02 Pituitary Lesions I 10.30 – 12.00 STOLZ 2

Chair: D. Simmen (Switzerland)
Moderator: A. Grotenhuis (The Netherlands)

- IL049** THE "TRADITIONAL" MICROSCOPIC APPROACH TO PITUITARY LESIONS
P. Mortini (Italy)
- IL050** MODIFIED APPROACH TO PITUITARY AND CLIVUS WITHOUT PARTIAL SEPTAL RESECTION
D. Simmen (Switzerland), R. Reisch (Switzerland)

- IL051** LIMITS OF ENDOSCOPIC PITUITARY SURGERY
P. Cappabianca (Italy)
- IL052** PITUITARY APOPLEXY AND BLINDNESS - OUTCOME WITH EARLY INTERVENTION
D. Lubbe (South Africa)
- IL053** GUIDELINES FOR THE ENDOSCOPIC TREATMENT OF RATHKE CLEFT CYSTS
A. Grotenhuis (The Netherlands)
- O010** EXTENDED ENDOSCOPIC ENDONASAL APPROACH FOR SUPRASELLAR RATHKE'S CLEFT CYSTS
M. Potts, A. Jahangiri, S. Kunwar, L. Blevins, I. El-Sayed, M.K. Aghi (USA)
- IL054** SINONASAL QUALITY OF LIFE CHANGES AFTER ENDOSCOPIC PITUITARY SURGERY
L. Zimmer (USA)

ENT14 Juvenile Angiofibroma I

10.30 –12.00 SCHUBERT 1+2

Moderators: R. Kamel (Egypt), M. Önerci (Turkey)

- IL055** MANAGEMENT OF JUVENILE ANGIOFIBROMA – IMPORTANCE OF ENDOSCOPIC ANATOMY OF THE PTERYGOPALATINE FOSSA
R. Kamel (Egypt)
- IL056** JNA - THE TURKISH EXPERIENCE
M. Önerci (Turkey)
- IL057** ENDOSCOPIC MANAGEMENT OF ADVANCED JNA
H. Bosraty (Egypt)
- O011** GIANT ANGIOFIBROMAS - TMH EXPERIENCE
P. Pal, P.S. Pai, D. Nair, A. Moiyadi, P. Shetty (India)
- O012** RESULTS OF TREATMENT OF JNA WITH ENDOSCOPIC TECHNIQUE REMOVAL AND PREOPERATIVE SELECTIVE EMBOLIZATION
M. Melnikov (Russia)



- 0013** A REVIEW OF JUVENILE NASOPHARYNGEAL ANGIOFIBROMAS WITH INTRACRANIAL EXTENSIONS
M. Omrani, M. Naraghi, M. Boroojerdi (Iran)
- 0014** JUVENILE ANGIOFIBROMA; OUR EXPERIENCE
M. Cosgarea, A. Maniu, V. Necula, S. Pop, M. Chirila (Romania)
- 0015** THE EXCISION OF JJNA WITH PREOPERATIVE EMBOLIZATION AND 3D-NAVIGATED RADIOFREQUENCY ABLATION
I. Belatsarkouski, V. Akinfeyev, M. Vazmitsel (Belarus)

LUNCH BREAK

12.00 – 13.45

12.15–13.30

STOLZ 2

LS01 STORZ LUNCH SYMPOSIUM I with Demo Dissection

FROM BASIC TO ADVANCED: PRACTICAL TIPS TO MAKE YOUR FESS LIFE EASIER

H. Stammberger (Austria), D. Simmen (Switzerland), H. Braun (Austria),
P. Castelnovo (Italy)

12.15 – 13.30

STOLZ 1

LS03 ACCLARENT LUNCH SYMPOSIUM

TO PRESERVE OR NOT?... THAT IS THE QUESTION IN FESS.
FESS TOOLS, TECHNIQUES AND DECISIONS

Moderators: Ch. East (United Kingdom), J. Rowe-Jones (United Kingdom),
P. Catelnuovo (Italy)

Panelists: P.B. Jardins (Spain), C. Hopkins (United Kingdom), G.P. Mayor (Spain),
R. Jankowski (France)

ENT15 Persistent CRS/Polyposis

13.45–15.30 **PLENARY HALL**

Chair: D. Kennedy (USA)

Moderator: P.J. Wormald (Australia)

IL058 RECALCITRANT CRS: THERAPEUTIC OPTIONS

D. Kennedy (USA)

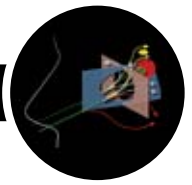
IL059 ETHIOLOGY/PATHOGENESIS OF RECALCITRANT CRS AND ITS MANAGEMENT

P.J. Wormald (Australia)

- IL060** THE POSTOP. DILEMMA: PERSISTENT/RECURRENT INFLAMMATION AND INFECTIONS — HOW TO TREAT?
D. Simmen (Switzerland)
- IL061** HOW TO MODIFY AND OPTIMIZE POST-OP WOUND HEALING
P.J. Wormald (Australia)
- IL062** REVISION SURGERY AND TREATMENT OF EOSINOPHILIC SINUSITIS
S. Haruna (Japan)
- IL063** CUTTING VS. NON-CUTTING INSTRUMENTS: ANY DIFFERENCE IN LONG-TERM OUTCOME?
M. Jorissen (Belgium)
- IL064** ADAPTIVE ASPIRIN DESACTIVATION
T. Keck (Austria)
- O016** LONG-TERM MACROLIDE THERAPY PREVENTS EARLY RELAPSE OF NASAL POLYPS AFTER FESS
A. Varvyanskaya, A. Lopatin (Russia)

ENT06 Juvenile Angiofibroma II**13.45–15.30** SCHUBERT 1+2**Chair:** B. Schick (Germany)**Moderator:** D. Howard (United Kingdom)

- IL065** JNA: TRUE TUMOUR OR VASCULAR MALFORMATION?
B. Schick (Germany)
- IL066** JNA ULTRASTRUCTURE: STATE OF KNOWLEDGE 2012
A. Beham (Austria)
- IL067** POSSIBILITIES AND LIMITATIONS OF ENDOSCOPIC SURGERY FOR JNA
M. Bernal-Sprekelsen (Spain)
- IL068** JNA: CHOICE OF THE PROCEDURE AS REGARDS ORBIT AND OPTIC NERVE — WHAT IS LEFT FOR OPEN APPROACH?
P. Herman (France)
- IL069** MANAGEMENT OF EXTENSIVE INTRACRANIAL INTRADURAL ANGIOFIBROMAS
M. Naraghi (Iran)



- IL070** ENDONASAL ENDOSCOPIC MANAGEMENT OF ADVANCED STAGED JNA
C. Meco (Turkey)
- O017** THE VALUE OF ENDOSCOPIC ASSISTANCE IN SURGERY OF ADVANCED JUVENILE ANGIOFIBROMAS USING ORBITOZYGOMATIC APPROACH
D.A. Golbin, V.A. Cherekaev, D. Kapitanov, M. Nersesyan (Russia)

RNS/NS 01 Meningiomas

13.45–15.30 STOLZ 2

Chair: F. Gentili (Canada)

Moderator: V. Beneš (Czech Republic)

- IL071** ROLE OF ENDOSCOPIC MANAGEMENT OF SKULL BASE MENINGIOMAS
A. Kassam (Canada)
- IL072** MENINGIOMAS OF THE ANTERIOR SKULL BASE: WHAT IS THE BEST APPROACH?
F. Gentili (Canada)
- IL073** FRONTOBASAL MENINGIOMAS: ADVANTAGES AND RESULTS OF THE TRADITIONAL MICROSCOPIC APPROACHES
V. Beneš (Czech Republic)
- IL074** MENINGIOMAS OF THE ANTERIOR CRANIAL FOSSA: TRANSCRANIAL OR ENDONASAL?
C. Teo (Australia)
- IL075** MENINGIOMAS
T. Schwartz (USA)
- IL076** CONTROVERSIES IN THE MANAGEMENT OF MENINGIOMAS OF THE SELLAR TUBERCULUM
E. Knosp (Austria)
- O018** ENDOSCOPIC ENDONASAL APPROACH FOR ANTERIOR SKULL BASE MENINGIOMAS
Y.H. Kim, S.W. Song, Y.-H. Kim, J.H. Phi, C.-K. Park (Korea)

ALL09 Imaging - Work in Progress**13.45–15.30** SCHUBERT 4+5**Chair:** P. Cappabianca (Italy)**Moderator:** M. Setzen (USA)

- IL077** TIPS AND TRICKS FROM PREOPERATIVE RADIOLOGICAL IMAGES FOR DECISION MAKING AND PLANNING OF SELLAR APPROACHES
P. Cappabianca (Italy)
- IL078** INTRAOPERATIVE CT IN TRANSNASAL ENDOSCOPIC SURGERY
R. Reisch (Switzerland)
- IL079** IN-OFFICE CT — HOW, WHEN AND WHY?
M. Setzen (USA)
- IL080** STEREOSCOPIC 3D ENDOSCOPIC ANATOMY OF THE NOSE
PARANASAL SINUSES AND SKULL BASE
J.F. Nogueira (Brazil)
- IL081** DYNAMIC REGISTRATION SUPPLY: AUTOMATIC REGISTRATION DURING
ENDO — AND TRANSNASAL PROCEDURES
G. Strauss (Germany)
- O019** LOCALIZED INTRAOPERATIVE VIRTUAL ENDOSCOPY (LIVE) —
A CLINICAL PILOT STUDY FOR SINUS AND SKULL BASE PATIENTS
S. Haerle, M.J. Daly, H. Chan, A. Vescan, I. Witterick, F. Gentili,
G. Zadeh, J. Irish (Canada)
- O020** THE 3D ENDOSCOPIC APPROACH TO THE SKULL BASE. PRELIMINARY
DATA ON PURELY ENDOSCOPIC AND ASSISTED PROCEDURES:
A 3D PRESENTATION
G. Lasio, A. Cardia, A. Maccari, C. Pipolo, G. Felisati (Italy)
- O021** COMPARISON OF 3D AND 2D HD ENDOSCOPIC ENT ANATOMY OF
THE NOSE AND PARANASAL SINUSES
G. Felisati, C. Pipolo, A. Maccari, A. Cardia, G. Lasio (Italy)
- O022** FIRST EXPERIENCE IN THE ENDONASAL 3D-ENDOSCOPIC SURGERY
B. Al Kadah, K. Bumm, B. Schick (Germany)
- O023** THE ROLE OF COMPUTER-ASSISTED NAVIGATION SYSTEMS DURING
ENDOSCOPIC ENDONASAL SURGICAL APPROACHES TO SKULL BASE
IN PEDIATRICS
O. Merkulov, M. Panyakina (Russia)



COFFEE BREAK

15.30–16.00 EXHIBITION AREA

16.00–17.30

PLENARY HALL

ENT01 Endoscopic Septorhinoplasty/Plastic Surgery

Chair: J. Kainz (Austria)

Moderator: H. Gassner (Germany)

IL082 THE ROLE OF AN ENDOSCOPE IN FACIAL PLASTIC AND SEPTORHINOPLASTIC SURGERY
D. Simmen (Switzerland)

IL083 ENDOSCOPIC PLASTIC SURGERY
H. Gassner (Germany)

IL084 ENDOSCOPIC SEPTORHINOPLASTY
J. Kainz (Austria)

IL085 BACK - AND - FORTH ENDOSCOPIC SEPTOPLASTY
M. Trimarchi (Italy)

IL086 FESS IN CONJUNCTION WITH RHINOPLASTY — PROS AND CONS
M. Setzen (USA)

IL087 RHINOPLASTY COMPLICATIONS DUE TO AGGRESSIVE NASAL POLYPOSIS
I. Braverman (Israel)

ENT08 Inverted Papilloma

16.00 – 17.30 STOLZ 1

Chair: E. Serrano (France)

Moderator: A. Swift (United Kingdom)

IL088 SURGICAL PRINCIPLES OF ENDOSCOPIC IP RESECTION
P. Nicolai (Italy)

IL089 ENDOSCOPIC MANAGEMENT OF SINUNASAL INVERTED PAPILOMAS
E. Serrano (France)

O024 ENDOSCOPIC REMOVAL OF SINONASAL INVERTED PAPILOMA: IS ENDONASAL SURGERY SUFFICIENT IN MAXILLARY AND FRONTAL SINUSES?
S. Beton, C. Meco, H. Basak, E. Ocak, I. Yorulmaz, B. Kucuk (Turkey)

- O025** ENDOSCOPIC MEDIAL MAXILLECTOMY IN THE TREATMENT OF INVERTED PAPILLOMA
C. Sarafoleanu, C. Manea, C. Sanda, R. Duda (Romania)
- O026** SURGICAL TREATMENT OF INVERTED PAPILLOMA: EXPERIENCE FROM A SERIES OF 71 PATIENTS
E. Sauvaget, F. Carta, R. Knia, P. Tran Ba Huy, P. Herman (France)
- O027** ENDOSCOPIC TREATMENT AND COMBINED EXTERNAL-TRANSNASAL ENDOSCOPIC APPROACH FOR THE TREATMENT OF INVERTED PAPILLOMA: A REPORT OF 105 CASES
V. Sciarretta, P. Farneti, I.J. Fernandez, G. Macri, E. Pasquini (Italy)
- IL090** BENIGN BONY SINUS TUMOURS
A. Swift (United Kingdom)
- O028** ENDOSCOPIC MANAGEMENT OF PLEOMORPHIC SALIVARY ADENOMA OF THE NASAL SEPTUM & CASE SERIES AND LITERATURE REVIEW
W. Ahmed, S.A. Little, I. Syed, B. Hunter, P. Wilson, S. Mady (United Kingdom)

16.00 – 17.30

STOLZ 2

ENT12 Approaches to Frontal Sinus: To Drill or Not to Drill?
Session Dedicated to the Late Professor Wolfgang Draf

Chair: P.J. Wormald (Australia)

Moderator: H. Braun (Austria)

- IL091** ENDOSCOPIC APPROACHES TO THE FRONTAL SINUS: HOW TO AVOID THE DRILL
A. Leunig (Germany)
- IL092** FRONTAL SINUS DECISION MAKING
S. Fakhri (Canada)
- IL093** TYPE III DRAINAGE: IS THERE A REAL INDICATION?
U. Bockmuehl (Germany)
- IL094** THE DRAF III PROCEDURE
R. Weber (Germany)



- IL095** TECHNIQUES OF FRONTAL RECESS AND DRAF III DISSECTION
(Demo Dissection)
P.J. Wormald (Australia)

16.00–17.30

SCHUBERT 1+2

Special ESPO Session: Pediatric Sinus & Skull Base Surgery & Endoscopy

Chair and Moderator: C. Verwoerd (The Netherlands)

- IL096** EFFECTS OF FESS ON FACIAL GROWTH
H. Verwoerd-Verhoef (The Netherlands)
- IL097** DIFFERENTIAL DIAGNOSIS OF CRS IN CHILDREN
G. Scadding (United Kingdom)
- IL098** CONSERVATIVE TREATMENT FOR CYSTIC FIBROSIS IN CHILDREN
M. Jorissen (Belgium)
- IL099** FESS AS TREATMENT FOR CYSTIC FIBROSIS IN CHILDREN
W. Fokkens (The Netherlands)
- IL100** ENDOSCOPIC APPROACH TO CHOANAL ATRESIA IN NEWBORNS &
CHILDREN
P.V. Tomazic (Austria)
- IL101** FESS & ENDOSCOPIC SKULL BASE SURGERY IN CHILDREN
H. Stammberger (Austria)

17.45–18.45

PLENARY HALL

IC02 Approaching Cavernous Sinus (Demo Dissection)

G. Frank, E. Pasquini (Italy)

IC14 3D Anatomy Approaches to Skull Base

17.45–18.45 SCHUBERT 4+5

P.J. Wormald (Australia)

IC09 Bacterial Biofilms in Sinusitis

17.45–18.45 STOLZ 2

J. Palmer (USA)

IC18 Diagnosis and Therapy of Smell Disorders 17.45–18.45 SCHUBERT 1+2

C. A. Mueller (Austria), A. Welge-Luessen (Switzerland), D. Leopold (USA)

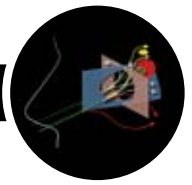
IC10

17.45–18.45 STOLZ 1

**Powered Instruments in Complex Anatomy and Complicated Cases
(Demo Dissection)**

N. Prepageran (Malaysia)

For detailed information please refer to page 24.



Hannes Braun, Heinz Stammberger, Verena Gellner, Michael Mokry

WE'D LOVE TO HAVE A PICTURE WITH YOU !!!

We are waiting for you near the entrance to STOLZ 1, any time, any day, during the conference !

Why not combine your photo session with a small donation for the visiting doctors support programme of the Graz` Interdisciplinary Skull Base Unit ? Help colleagues from countries less financially affluent to make ends meet towards travel , food and accommodation – we do not charge them anyway, but our funds are (very) limited... Do not feel obliged to donate – this is strictly voluntary (It would be very appreciated, though...)

Thank you and enjoy the Conference !

SCIENTIFIC PROGRAMME OVERVIEW
Saturday, March 31, 2012

	Plenary Hall	Stolz 1
07.00–08.00	IC 15 Endoscopic Surgery at the Anterior Skull Base – “Draf Techniques”	IC 11 Endoscopic Management of Mucocoeles
08.15–10.00	ALL 01 Imaging Advances	ALL 02 Pediatric Endoscopy
Coffee Break		
10.30–12.00	RNS 04 Sternberg’s Canal: CSF Leaks and Meningo - Encephaloceles	ENT 09 DCR: Techniques, Problems & Results
12.00–13.45	Lunch Break	LS 04 BIONORICA LUNCH SYMPOSIUM
13.45–15.30	RNS 06 Around and into the Orbit: Endoscopic (and Other) Approaches	RNS 05 Clivus and Surroundings
Coffee Break		
16.00–17.30	ALL 03 Malignant Tumours II	ALL 04 History and Global ESS Development
17.45–18.45	IC 16 The Transpterygoid Approach to the Cavernous Sinus (Demo Dissection)	IC 06 Surgical Anatomy of the Frontal Recess and Sinus (Demo Dissection)

- IC** Instructional Course
- ALL**
- RNS/NS** Rhinoneurosurgery/Neurosurgery
- ENT** Ear, Nose, Throat Session
- RNS** Rhinoneurosurgery
- NS** Neurosurgery
- Joint Session**
- LS** Lunch Symposium



	Stolz 2	Schubert 1+2
07.00–08.00	IC 12 Surgical Management of Severe Epistaxis (Demo Dissection)	IC 08 TONES – TransOrbital NeuroEndoscopic Surgery – an Alternative Approach (Demo Dissection)
08.15–10.00	RNS 03 Pituitary Lesions II	ENT 05 ESS for eCRS with Polyposis, Smell Disorders
Coffee Break		
10.30–12.00	ENT 10 Sinusitis: Complications of Acute Rhinosinusitis; Choanal Atresia	ALL 10 Malignant Tumours I
12.00–13.45	LS 02 STORZ LUNCH SYMPOSIUM II (Demo Dissection)	Lunch Break
13.45–15.30	RNS/NS 02 Endoscopic Assisted Neurosurgery	PARS JOINT SESSSION OF PANARAB RHINOLOGIC SOCIETY
Coffee Break		
16.00–17.30	RNS/NS 03 Dural & Skull Base Defects I: Diagnosis & Closure	IWGEES Endoscopic Transotic Access to Base of Skull (Demo Dissection)
17.45–18.45	IC 23 Choosing the Right Approach for Craniopharyngiomas (Demo Dissection)	IC 17 A Modern Concept in CSF Diagnosis and Dura Repair

DETAILED SCIENTIFIC PROGRAMME
Saturday, March 31, 2012

07.00–08.00

PLENARY HALL

IC15 Endoscopic Surgery at the Anterior Skull Base “Draf Techniques”

U. Bockmuehl (Germany)

IC11 Endoscopic Management of Mucocoeles

07.00–08.00 STOLZ 1

A. Leunig (Germany), H. R. Briner (Switzerland)

07.00–08.00

STOLZ 2

IC12 Surgical Management of Severe Epistaxis (Demo Dissection)

D. Simmen (Switzerland)

07.00–08.00

SCHUBERT 1+2

IC08 TONES – TransOrbital NeuroEndoscopic Surgery – An Alternative Approach (Demo Dissection)

K. Moe (USA)

For detailed information please see page 25.

ALL01 Imaging Advances

08.15–10.00 PLENARY HALL

Chair: M. Caversaccio (Switzerland)

Moderator: K. Moe (USA)

IL241 WHITE MATTER: DOES IT MATTER???

A. Kassam (Canada)

IL102 ADVANCES IN NAVIGATION-ROBOTICS

M. Caversaccio (Switzerland)

IL103 COMPUTERIZED PATHWAY PLANNING AND VIRTUAL ENDOSCOPY FOR ENDOSCOPIC SKULL BASE SURGERY

K. Moe (USA)

IL104 CT-MRI-FUSION NAVIGATION

W. Koele (Austria)



- IL105** INTRAOPERATIVE MRI IN PITUITARY SURGERY – RISKS AND BENEFITS
B. Tomancok (Austria)

- IL106** OPTICAL VS. ELECTROMAGNETIC NAVIGATION SYSTEMS:
USER-FRIENDLINESS
C. Gerstenberger (Austria)

- IL107** REGISTRATION IN COMPUTER AIDED SURGERY – AN UNDERESTIMATED
PROBLEM: ASSESSING SURGICAL NAVIGATION ACCURACY
M.J. Citardi (USA)

- O094** ALGORITHM FOR NAVIGATION IN FUNCTIONAL ENDOSCOPIC SINUS
SURGERY – NFESS
T. Baudoin (Croatia)

- O029** THE HIDDEN COST OF ENHANCED REAL-TIME IMAGE GUIDED
SURGERY
B. Dixon, M.J. Daly, H. Chan, A. Vescan, I. Witterick, J. Irish (Canada)

ALL02 Pediatric Endoscopy

08.15–10.00 STOLZ 1

Chair: F. Di Rocco (France)

Moderator: V. Gellner (Austria)

- IL108** SPECIAL IMAGING REQUIREMENTS IN THE PEDIATRIC AGE GROUP
J.S. Zinreich (USA)

- IL109** THIRD VENTRICULOSTOMY FOR HYDROCEPHALUS IN CHILDREN
UNDER ONE YEAR OF AGE
A. Cordoba (Uruguay)

- IL110** THE ENDOSCOPIC APPROACH TO PEDIATRIC SKULL BASE LESIONS
S. Kurschel-Lackner (Austria)

- IL111** ENDOSCOPIC SKULL BASE SURGERY IN PEDIATRIC PATIENTS
W. van Furth (The Netherlands)

- 0030** ENDOSCOPIC ENDONASAL MANAGEMENT OF PEDIATRIC BENIGN TUMOURS OF THE NOSE AND PARANASAL SINUSES
M. Turri-Zanoni, G. Padoan, S. Gallo, E. Sica, A. Karligkiotis, L. Volpi, F. Ferreli, P. Castelnuovo (Italy)
- 0031** ENDOSCOPIC TRANSPHENOIDAL APPROACH IN CHILDREN: OUR EXPERIENCE
M. Rigante, L. Massimi, C. Parrilla, M. Caldarelli, C. Di Rocco, G. Paludetti (Italy)
- 0032** SKULL BASE DEFECTS IN CHILDREN: ELEVEN YEARS EXPERIENCE OF PEDIATRIC DURAPLASTY
A. Karligkiotis, S. Gallo, J. Zocchi, E. Bernardini, M. Turri-Zanoni, A. Pistochini, F. Meloni, P. Castelnuovo (Italy)
- 0033** ENDOSCOPIC ENDONASAL SURGICAL APPROACHES TO SKULL BASE IN TREATMENT OF CRANIOPHARYNGIOMAS IN PEDIATRICS
O. Merkulov, M. Panyakina (Russia)
- 0034** SKULL BASE SURGERY IN CHILDREN AND INFANTS: COMBINED OTORHINOLARYNGOLOGICAL AND NEUROSURGICAL APPROACH
R. Nicollas, D. Scavarda, G. Lena, J.-M. Triglia (France)

RNS03

08.15–10.00 STOLZ 2

Pituitary Lesion II

Chair: D. Sethi (Singapore)

Moderator: V. Anand (USA)

- IL112** GIANT PITUITARY MACROADENOMAS
V. Anand (USA)
- IL113** PITUITARY MICROADENOMA – ADVANTAGES OF THE 4-HANDED TECHNIQUE
D. Sethi (Singapore)
- IL114** IS ENDOSCOPIC SURGERY OF HORMONALLY ACTIVE PITUITARY ADENOMAS SUPERIOR TO THE MICROSCOPIC APPROACH?
A. Grotenhuis (The Netherlands)



- IL115** ADENOMAS INVADING THE CAVERNOUS SINUS
D. Locatelli (Italy)

- IL116** ENDOSCOPIC AND MEDICAL MANAGEMENT OF RECURRENT PITUITARY ADENOMAS
P. Theodosopoulos (USA)

- IL117** PACKING OF THE PITUITARY FOSSA — IS IT NECESSARY?
D. Lubbe (South Africa)

- O035** NON-FUNCTIONING PITUITARY ADENOMAS WITH CAVERNOUS SINUS INVASION: OUR EXPERIENCE
F. Ferreli, F.R. Canevari, V. Custodi, E. Turpini, D. Lepera, G. Tomei, D. Locatelli, P. Castelnovo (Italy)

- O036** VIDEOENDOSCOPIC ENDONASAL TRANSSPHENOIDAL SURGERY OF PITUITARY ADENOMAS AS INTERDISCIPLINARY APPROACH
J. Oeken, D. Hohrein (Germany)

- IL118** ENDOSCOPIC ENDONASAL APPROACH TO PITUITARY ADENOMAS INVADING CAVERNOUS SINUS
R. Bošnjak (Slovenia)

ENT05 eCRS with Polyposis — Smell Disorders 08.15–10.00 SCHUBERT 1+2

Chair: S. Lacroix (Switzerland)
Moderator: D. Simmen (Switzerland)

- IL119** NASAL POLYPOSIS IS NOT A CHRONIC SINUSITIS, BUT A DISEASE OF THE VESTIGIAL OLFACTORY MUCOSA
R. Jankowski (France)

- IL120** IMPORTANCE OF INTRAMUCOSAL BACTERIA FOR CRS
R. Douglas (New Zealand)

- IL180** NEW FINDINGS IN CRS-PATHOGENESIS
H. Pant (Australia)

- IL122** FESS AND THE SENSE OF SMELL
H. Briner (Switzerland)

IL212 QOL — FOLLOWING ENDONASAL SKULL BASE SURGERY
H. Pant (Australia)

IL124 NASAL MORBIDITY IN ENDOSCOPIC SKULL BASE SURGERY
R. Reisch (Switzerland)

O037 LASER SURGERY OF POLYPOID RHINOSINUSITIS
A.M. Gagauz (Moldavia)

IL125 MANAGEMENT OF THE DIFFICULT POST-ESS-PATIENT
S. Fakhri (Canada)

COFFEE BREAK

10.00–10.30 EXHIBITION AREA

10.30–12.00

PLENARY HALL

RNS04 Sternberg's Canal: CSF Leaks and Meningo-Encephaloceles

Chair: P.V. Tomazic (Austria)

Moderator: B. Schick (Germany)

IL126 DEVELOPMENTAL ANATOMY OF STERNBERG'S CANAL
B. Schick (Germany)

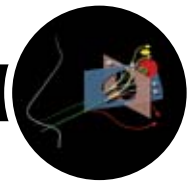
IL127 CLINICAL RELEVANCE OF STERNBERG'S CANAL
P.V. Tomazic (Austria)

IL128 ENDOSCOPIC TRANS-PTERYGOID APPROACH TO THE LATERAL SPHENOID SINUS, NASAL PHARYNX AND INFRATEMPORAL FOSSA
R. Carrau (USA)

O038 PERSISTING LATERAL CRANIOPHARYNGEAL CANAL (STERNBERG'S CANAL) — A RARE SOURCE OF SPHENOID SINUS SPONTANEOUS CSF LEAK
A. Krzeski, T. Gotlib, M. Tomaszewska (Poland)

O039 TEMPORO-SPHENOIDAL (STERNBERG) MENINGOCELES: VALUE OF THE IPSILATERAL NASO-SEPTAL FLAP
P. Herman, E. Sauvaget, D. Bresson, B. George, S. Froelich, R. Kania (France)

O040 MENINGO-ENCEPHALOCELES OF THE LATERAL RECESS OF THE SPHENOID SINUS PRESENTING WITH CSF LEAK
I.G. Kazan, U. Hadi, H. Darwish (Lebanon)



- O041** UNILATERAL SPONTANEOUS CEREBROSPINAL FLUID LEAK FROM AN ABNORMAL COMMUNICATION BETWEEN THE LATERAL WALL OF INTERNAL AUDITORY MEATUS AND THE TYMPANIC CAVITY
T. Zahnert, E. Klemm, M.H. Jalkhi (Germany)

ENT09 DCR: Techniques, Problems & Results

10.30 12.00 STOLZ 1

Chair: M. Trimarchi (Italy)

Moderator: G. Wolf (Austria)

- IL129** DCR - TO STENT OR NOT TO STENT?
W. Habermann (Austria)
- O042** ENDOSCOPIC DCR WITHOUT STENTING — OUR EXPERIENCE
C. Sarafoleanu, C. Manea, R. Duda, I. Sabaru (Romania)
- IL130** ANASTOMOSIS OF NASAL MUCOSAL AND LACRIMAL SAC FLAPS IN ENDOSCOPIC DCR
M. Trimarchi (Italy)
- O043** ENDOSCOPIC DCR VS. DIODE LASER ASSISTED ENDOSCOPIC DCR
R. Hoque, M.A. Rasel (Bangladesh)
- O044** EXTENT OF LACRIMAL SAC EXPOSURE IN ENDOSCOPIC DACRYOCYST ORHINOSTOMY: A RETROSPECTIVE STUDY
Y. Nour (Egypt)
- O045** POWERED ENDOSCOPIC DACRYOCYSTORHINOSTOMY WITH RADIO WAVE INSTRUMENTS FOR ORBITAL CELLULITIS
N. Yoshida (Japan)
- O046** MECHANICAL ENDONASAL POWERED DACRYOCYSTORHINOSTOMY FOR EPIPHORA - INITIAL AUDIT OF SUCCESS WITHIN A MULTIDISCIPLINARY LACRIMAL SERVICE
K. Argiris, H.R. Sharp, J. Devereux (United Kingdom)
- O047** EVALUATION OF THE NECESSITY OF SILICONE TUBING IN PRIMARY ENDOSCOPIC DACRYOCYSTORHINOSTOMY
N.T. Nassim, I.M. Zohdi, S.R. Adly (Egypt)

10.30 – 12.00

STOLZ 2

ENT10 Sinusitis: Complications of Acute Rhinosinusitis; Choanal Atresia

Chair: M.E. Saafan (Egypt)

Moderator: R. Jankowski (France)

IL131 ARE THE ETHMOID LABYRINTHS SINUSES?

R. Jankowski (France)

IL132 ORBITAL COMPLICATIONS OF ACUTE SINUSITIS – A DIAGNOSTIC AND TREATMENT ALGORITHM

H. Braun (Austria)

IL133 ENDOSCOPIC MANAGEMENT OF CONGENITAL BILATERAL POSTERIOR CHOANAL ATRESIA: VALUE OF USING STENTS

M.E. Saafan (Egypt)

O048 TRANSNASAL ENDOSCOPIC MANAGEMENT OF CONGENITAL BILATERAL CHOANAL ATRESIA WITH AND WITHOUT STENTING

S.M. Elmorsy (Egypt)

O049 WHERE DO WE STAND ON CHOANAL ATRESIA?

A 15-YEAR EXPERIENCE

A. Karligkiotis, S. Gallo, F. Zappoli, E. Digilio, M. Turri-Zanoni, G. Padoan, F. Meloni, P. Castelnuovo (Italy)

O050 ENDOSCOPIC TREATMENT OF CONGENITAL CHOANAL ATRESIA

E. Pasquini, P. Farneti, G. Macri, V. Sciarretta (Italy)

ALL10 Malignant Tumours I

10.30 – 12.00 SCHUBERT 1+2

Chair: J. Shah (USA)

Moderator: P. Herman (France)

IL134 UNUSUAL TUMOURS OF SINUSES AND SKULL BASE

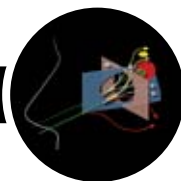
D. Sethi (Singapore)

IL135 A COMPREHENSIVE ALGORITHM FOR EXTIRPATION OF LARGE/ COMPLEX ANTERIOR SKULL BASE LESIONS

D. Fliss (Israel)

O051 ENDONASAL ENDOSCOPIC MANAGEMENT OF SINONASAL TUMOURS

M. Naraghi (Iran)



- IL136** LOCAL RECURRENCE OF ADENOCARCINOMA AFTER ENDOSCOPIC MANAGEMENT: INCIDENCE, LOCALISATION, DELAY, PREDICTIVE AND PROGNOSTIC FACTORS
P. Herman (France)
- IL137** NASOPHARYNX ENDOSCOPIC RESECTION (NER): CLASSIFICATION AND RESULTS
P. Castelnovo (Italy)
- O052** ADENOCARCINOMAS OF THE OLFACTORY CLEFT: RADIOLOGICAL EVALUATION OF THEIR RELATIONSHIP WITH THE ETHMOIDAL WALLS AND PROPOSITION FOR A T CLASSIFICATION
P. Gallet, P. Henrot, B. Grignon, P.L. Nguyen, R. Jankowski (France)
- O053** PATHOLOGY OF TUMOURS ORIGINATING IN THE OLFACTORY CLEFT
N. Boulanger, R. Jankowski, R. Grosjean (France)
- O054** ENDOSCOPIC NASOPHARYNGECTOMY
S.P. Hao, Y.F. Ding (Taiwan)

LUNCH BREAK

12.00–13.45

LS04 BIONORICA LUNCH SYMPOSIUM

12.15–13.30 STOLZ 1

NEW DEVELOPMENTS IN THE TREATMENT OF RHINOSINUSITIS WITH PHYTOPHARMACEUTICALS

P. Stierna (Sweden), P. Gevaert (Belgium), M.A. Popp (Germany)

LS02 STORZ LUNCH SYMPOSIUM II (DEMO DISSECTION) 12.15–13.30 STOLZ 2

ENDOSCOPY IN SKULL BASE SURGERY – HISTORY, STANDARDS AND FUTURE

P. Cappabianca (Italy), M. Bettag (Germany), R. Carrau (USA),
G. Frank (Italy), F. Gentili (Canada), A. Kassam (Canada)

- O102** ENDOSCOPIC TRANSPHENOIDAL SURGERY FOR GH-SECRETING PITUITARY ADENOMAS
M. Bettag (Germany)

RNS06

13.45 –15.30 PLENARY HALL

Around and Into the Orbit: Endoscopic (and Other) Approaches

Chair: G. Wolf (Austria)

Moderator: V. Lund (United Kingdom)

IL138 360° CORRIDORS TO THE ORBIT

A. Kassam (Canada)

IL139 TEMPORARY MEDIALISATION OF MEDIAL RECTUS MUSCLE FACILITATES APPROACH TO INTRACONAL LESIONS

P.V. Tomazic (Austria)

IL140 ENDOSCOPIC APPROACHES TO THE ORBIT

K. Moe (USA)

IL141 ENDOSCOPIC DECOMPRESSION FOR GRAVE'S ORBITOPATHY

V. Lund (United Kingdom)

IL142 ENDOSCOPIC SURGERY OF THE OPTIC NERVE

N. Prepageran (Malaysia)

IL143 EVALUATION OF TRANSCONJUNCTIVAL ENDOSCOPIC APPROACHES TO THE ORBIT

G. Feigl (Germany)

IL144 ENDONASAL ENDOSCOPIC ORBITAL SURGERY

M. Naraghi (Iran)

IL145 FIVE-STEPS TECHNIQUE FOR ENDONASAL ENDOSCOPIC ORBITAL DECOMPRESSION

R. Mladina (Croatia)

O055 ENDOSCOPIC TRANSNASAL INTRAORBITAL SURGERY: PRELIMINARY CONSIDERATIONS

P. Battaglia, I. Dallan, M. Turri-Zanoni, F. Ferreli, S. Gallo, M. Bignami, D. Locatelli, P. Castelnovo (Italy)

**RNS05 Clivus and Surroundings****13.45–15.30** STOLZ 1**Chair:** C. Teo (Australia)**Moderator:** P. Herman (France)

- IL146** CHORDOMAS AND CHONDROSARCOMAS: OPEN VS. ENDOSCOPIC TECHNIQUES
F. Gentili (Canada)
- IL147** APPROACHING CHORDOMAS
G. Frank (Italy)
- IL148** ENDOSCOPIC APPROACHES TO CAVERNOUS SINUS LESIONS
V. Anand (USA)
- IL149** EVALUATION OF THE INFEROLATERAL APPROACH COMBINED WITH A NASOSEPTAL FLAP FOR THE ENDOSCOPIC TRANSSPHENOIDAL SURGERY FOR CHOLESTEROL GRANULOMAS INVOLVING THE PETROUS APEX
P. Herman (France)
- IL150** KEYHOLE APPROACHES TO BRAINSTEM
C. Teo (Australia)
- IL151** ENDOSCOPIC APPROACHES TO THE CRANIOCERVICAL JUNCTION
M. Mokry (Austria)
- O056** THE NASO-AXIAL LINE: A NEW METHOD OF ACCURATELY PREDICTING THE INFERIOR LIMIT OF THE ENDOSCOPIC ENDONASAL APPROACH TO THE CRANIOCERVICAL JUNCTION
P.R. Aldana (USA), I. Naseri (USA), E. La Corte (Italy)
- O057** THE ENDOSCOPIC ASSISTED TRANSNASAL TRANSCLIVAL APPROACH TO CLIVUS CHORDOMA AND CHONDROSARCOMA
D.R. Hermann, L.L. Balsalobre, F.P. Santos, E.A.S. Vellutini, A.C. Stamm (Brazil)
- O058** IMPACT OF PLATYBASIA FOR PLANNING ENDONASAL/TRANSORAL SURGERY OF CRANIOVERTEBRAL JUNCTION
I.H. El-Sayed, M.K. Aghi, K. Burke (USA)

RNS/NS02 Endoscopic Assisted Neurosurgery**13.45–15.30 STOLZ 2****Chair:** A. Samii (Germany)**Moderator:** M. Tatagiba (Germany)**IL152** THE ROLE OF ENDOSCOPIC ASSISTANCE IN TRANSCRANIAL SURGERY
A. Samii (Germany)**O059** ENDOSCOPIC ASSISTED SURGERY IN SKULL BASE TUMOURS:
RESULTS WITH 282 CASES
J.M. Oertel, M.R. Gaab (Germany)**IL153** ENDOSCOPIC ASSISTANCE IN VESTIBULARIS SCHWANNOMAS
M. Tatagiba (Germany)**IL154** ENDOSCOPIC ASSISTED CLIPPING OF CEREBRAL ANEURYSMS
A. Cordoba (Uruguay)**O060** DOES ENDOSCOPIC TECHNIQUE IMPROVE FUNCTIONAL RESULTS
AND INCIDENCE OF COMPLICATIONS FOLLOWING MICROSURGICAL
TREATMENT OF VESTIBULAR SCHWANNOMA?
J. Betka, E. Zverina, M. Chovanec (Czech Republic)**O061** ENDOSCOPIC ASSISTED MICROVASCULAR DECOMPRESSION IN
CASES OF TRIGEMINAL NEURALGIA
M. Badr-El-Dine (Egypt)**IL155** NEUROENDOSCOPIC STEM CELLS IMPLANTS FOR NEURO-
DEGENERATIVE DISEASES AND SPINAL TRAUMATIC INJURY
A. Cordoba (Uruguay)**IL156** THE FUTURE OF ENDOSCOPY IN NEUROSURGERY
J. Lee (USA)**PARS Joint Session of PanArab Rhinologic Society 13.45–15.30 SCHUBERT 1+2****Moderator:** R. Kamel (Egypt)**IL157/** DIFFICULTIES IN DIAGNOSIS OF ALLERGIC FUNGAL RHINOSINUSITIS**O104** O. Mansour (Egypt)



IL158/ COMMON ORBITAL COMPLICATIONS OF SINUS ASPERGILLOSIS IN
O105 SUDANESE PATIENTS

S. Abdelgadir (Sudan)

IL159/ SURGICAL MANAGEMENT OF FUNGAL SINUSITIS IN ARAB REGION

O106 R. Kamel (Egypt)

IL160/ ENDOSCOPIC ASSISTED LASER SURGERY FOR EXTENSIVE

O107 RHINOSCLEROMA

N. Ghobrial (Egypt)

IL161/ SINUS INVOLVEMENT IN RHINOSCLEROMA: EARLY RECURRENCE AND

O108 ANTIBIOTIC RESISTANCE

A. Atef (Egypt)

IL163/ QOL AMONG EGYPTIAN ADULTS BEFORE AND AFTER RHINOPLASTY

O109 M. Ammar (Egypt)

IL164/ DEVELOPMENT OF A GLOBAL RATING OF ENDOSCOPIC SURGICAL

O110 SKILLS (GRESS) FOR THE ASSESSMENT OF OTOLARYNGOLOGY RESIDENTS

O. Marglani (Saudi Arabia)

IL165/ DIAGNOSTIC ALGORITHM OF NASAL OBSTRUCTION

O111 A. El-Guindi (Egypt)

COFFEE BREAK

15.30–16.00 EXHIBITION AREA

ALL03 Malignant Tumours II

16.00–17.30 PLENARY HALL

Chair: D. Sethi (Singapore)

Moderator: V. Lund (United Kingdom)

IL166 SINUNASAL MALIGNANCIES: ENDOSCOPIC, OPEN OR BOTH?

L. Zimmer, P. Theodosopoulos (USA)

IL167 ADVANTAGES AND POSSIBILITIES OF EXTERNAL SKULL BASE SURGERY

J. Shah (USA)

IL168 LIMITATIONS-CONTRA-INDICATIONS OF PURLEY ENDOSCOPIC
PROCEDURES

K. Laedrach (Switzerland)

- IL169** ENDOSCOPIC ONCOLOGIC RESECTION OF THE ANTERIOR SKULL BASE
R. Carrau (USA)
- IL170** ONCOLOGIC INTEGRITY DURING ENDOSCOPIC EXCISION OF SINUNASAL/SKULL BASE MALIGNANCIES
N. Prepageran (Malaysia)
- IL171** ROLE OF SINONASAL ENDOSCOPY IN MANAGEMENT OF PEDIATRIC INVASIVE AND NEOPLASTIC LESIONS
H. Bosraty (Egypt)
- O062** "COMBINED" TECHNIQUES IN THE SURGERY OF MALIGNANT TUMOURS OF THE SKULL BASE
V. Zainea, R. Hainarosie, O. Ceachir, I.-G. Ionita, M. Hainarosie, A. Iliescu, M. Tusaliu, A. Sorica, A.M. Apostol, I. Hobeau, A. Voicu (Romania)

ALL04 History and Global ESS Development

16.00–17.30 STOLZ 1

Chair: H. Swoboda (Austria)
Moderator: A. Lopatin (Russia)

- IL172** FESS — THE RUSSIAN PERSPECTIVE
A. Lopatin (Russia)
- IL173** DEVELOPMENT OF FESS IN CHINA
D. Han (China)
- IL174** HOW TO START YOUR OWN ENDOSCOPIC SKULL BASE PRACTICE
W. van Furth (The Netherlands)
- IL175** ENLARGED INFERIOR TURBINATE IN ARAB AND NORTH AFRICAN COUNTRIES- DIAGNOSIS AND MANAGEMENT
H. Negm (Egypt)
- IL176** ENDOSCOPIC SKULL BASE SURGERY IN ASIANS: IS THERE A DIFFERENCE?
T.-B. Won (Korea)
- IL177** EMIL ZUCKERKANDL AND HIS CONTEMPORARIES: THE EARLY VIENNA MEDICAL SCHOOL
H. Groeger (Austria)



O063/FIN DE SIECLE ROOTS OF TRANSNASAL SURGERY
IL242 H. Swoboda, H. Groeger (Austria)

16.00–17.30

STOLZ 2

RNS/NS03 Dural & Skull Base Defects I: Diagnosis & Closure

Chair: C. Matula (Austria)

Moderator: S. Joe (USA)

O067 RECONSTRUCTION OF THE ANTERIOR SKULL BASE BY AUTOLOGOUS LOCAL AND DISTAL TISSUE TRANSFER

T.K. Hoffmann, S. Mattheis, O.M. ueller, R. Hierner, M. Wagemann, G. Lehnerdt, U. Sure, S. Lang, D. Hänggi, E.I. Sandalcioglu (Germany)

IL178 INTRATHECAL FLUORESCHEIN — AN ATTEMPT AT DE-MYSTIFICATION

H. Stammberger (Austria)

IL179 OUR EXPERIENCE IN CLOSURE OF CSF LEAKS

M. Bernal-Sprekelsen (Spain)

O064 ENDOSCOPIC RECONSTRUCTION OF SKULL BASE DEFECTS USING MULTILAYER AUTOLOGOUS GRAFTS

Y. Nour (Egypt)

O065 ENDOSCOPIC COMBINED TRANSSEPTAL/TRANSNASAL BINOSTRIL APPROACH FOR SELLAR AND SKULL BASE LESIONS: SPECIAL EMPHASIS ON PREVENTION OF CEREBROSPINAL FLUID LEAK

L.L. Balsalobre (Brazil), F.P. Santos (Brazil), Y. Fujimoto (Japan), E.A.S. Vellutini (Brazil), A.C. Stamm (Brazil)

O066 DIFFERENT TECHNIQUES OF ENDONASAL ENDOSCOPIC SKULL BASE RECONSTRUCTION DEPENDING ON THE SIZE OF DEFECT

M. Melnikov (Russia)

O068 ENDOSCOPIC MANAGEMENT OF SPONTANEOUS CSF RHINORRHEA: SEPTAL GRAFT AND MIDDLE TURBINATE ROTATIONAL FLAP TECHNIQUE

S. Elmorsy (Egypt)

16.00 – 17.30

SCHUBERT 1+2

IWGEES Endoscopic Transotic Access to Base of Skull (Demo Dissection)

Chair: M. Tarabichi (UAE)

Moderator: J.F. Nogueira (Brazil)

J.F. Nogueira (Brazil)

M. Badr-El-Dine (Egypt)

D. Marchioni (Italy)

L. Presutti (Italy)

16.00 – 17.30

PLENARY HALL

IC16 The Transpterygoid Approach to the Cavernous Sinus (Demo Dissection)

P. Castelnovo (Italy), D. Locatelli (Italy)

17.45–18.45

STOLZ 1

IC06 Surgical Anatomy of the Frontal Recess and Sinus (Demo Dissection)

H. Briner (Switzerland), A. Leunig (Germany)

17.45 – 18.45

STOLZ 2

IC23 Choosing the Right Approach for Craniopharyngiomas (Demo Dissection)

C. Teo (Australia)

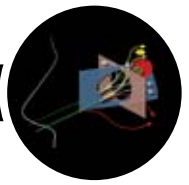
17.45– 18.45

SCHUBERT 1+2

IC17 Modern Concept in CSF Diagnosis and Dura Repair

C. Meco (Turkey), G. Oberascher (Austria)

For detailed information please see page 27.



NOTES

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SCIENTIFIC PROGRAMME OVERVIEW
Sunday, April 1, 2012

	Plenary Hall	Stolz 1
07.00 – 08.00	IC 07 Great Practical Value of the Lamb Head as a Model for Training FESS Techniques (Demo Dissection)	IC 01 Principles of Endoscopic Skull Base Surgery and the Nasal Corridors
08.15 – 10.00	ENT 07 Avoidance of (Revision) Surgery for eCRS and Polyposis, Postop. Care	RNS / NS 04 Dural & Skull Base Defects II: Diagnosis & Closure
Coffee Break		
10.30 – 12.00	ENT 13 Approaches to Frontal Sinus II, CRS	NS 02 Intraventricular and Parenchymal Lesions, Hydrocephalus
Coffee Break		
12.30 – 14.15	ALL 07 History, Teaching and Learning	ALL 08 New Technologies: Work in Progress
14.15 – 14.45		Closing Ceremony: Poster Awards Information & Presentation Next Meeting, Adjourn

- IC** Instructional Course
- ALL**
- RNS/NS** Rhinoneurosurgery/Neurosurgery
- ENT** Ear, Nose, Throat Session
- RNS** Rhinoneurosurgery
- NS** Neurosurgery
- Joint Session
- LS** Lunch Symposium



	Stolz 2	Schubert 1+2
07.00 – 08.00	IC 05 Endoscopic Medial Maxillectomy in Inverted Papilloma (Demo Dissection)	IC 21 Extended Frontal Sinus Surgery / Revision FESS (Demo Dissection)
08.15 – 10.00	ALL 05 Serious Bleeding: Lessons to Learn	RNS 07 Endoscopic Surgical Corridors II
Coffee Break		
10.30 – 12.00	ALL 06 Complications	ALL 12 Malignant Tumours III
Coffee Break		
12.30 – 14.15	RNS/NS 05 Craniopharyngiomas	ENT 11 Medicolegal Aspects of Endoscopic Sinus Surgery: Errors, Wrongful and Criminal Acts

DETAILED SCIENTIFIC PROGRAMME
Sunday, April 1, 2012

07.00–08.00

PLENARY HALL

IC07 Great Practical Value of the Lamb Head as a Model for Training FESS Techniques (Demo Dissection)

R. Mladina (Croatia)

07.00–08.00

STOLZ 1

IC01 Principles of Endoscopic Skull Base Surgery and the Nasal Corridors

R. Carrau (USA)

07.00–08.00

STOLZ 2

IC05 Endoscopic Medial Maxillectomy in Inverted Papilloma (Demo Dissection)

R. Kamel (Egypt)

07.00–08.00

SCHUBERT 1+2

IC21 Extended Frontal Sinus Surgery/Revision FESS (Demo Dissection)

W. Fokkens, C. Georgalas (The Netherlands)

08.15–10.00

PLENARY HALL

ENT07 Avoidance of (Revision) Surgery for eCRS and Polyposis, Postop. Care

Chair: J. Ponikau (USA)

Moderator: R. Weber (Germany)

IL243 TIPS AND TRICKS IN POST OPERATIVE AND LONG TERM CARE OF THE DIFFICULT ECRS PATIENT

S. Joe (USA)

IL181 CRS – HOW DO STEROIDS WORK?

J. Ponikau (USA)

IL182 PERSISTENT INFLAMMATION AND ANTI-INFLAMMATORY TREATMENT AFTER FESS

M. Wagenmann (Germany)



- IL183** NASAL PACKS — ANYTHING NEW?
R. Weber (Germany)
- IL184** PROSPECTIVE, DOUBLE-BLIND, RANDOMIZED CONTROLLED MULTI-CENTRIC STUDY EVALUATING WOUND HEALING USING BIO-DEGRADABLE SYNTHETIC POLYURETHANE FOAM FOLLOWING FESS
A. Leunig (Germany)
- O069** EFFECT OF POLYURETHANE NASAL PACKING (NASOPORE®) FOLLOWING FESS ON PATIENT COMFORT
K.G. Kastl, M. Reichert, F. Sommer, T. Braun, U. Kisser, A. Leunig (Germany)
- O070** STEROID-DECONGESTANT COMBINATIONS IMPROVE MUCOSAL HEALING AFTER ENDOSCOPIC SINUS SURGERY
A. Gocea, S. Albu (Romania)
- O071** THE PERMEABILITY FUNCTIONAL NASAL SURGERY ASSOCIATED WITH TOPICAL CORTICOSTEROID
V. Zainea, R. Hainarosie, I.-G. Ionita, O. Ceachir, I. Postolache, A. Tanase, N. Popescu, A. Sorica, V. Cojocaru, M. Lupascu, R. Sguroiu (Romania)
- O072** PATTERNS OF NASAL POLYP RECURRENCE AFTER SURGERY
A. Bassiouni, P.J. Wormald (Australia)

08.15 – 10.00

STOLZ 1

RNS/NS 04 Dural & Skull Base Defects II: Diagnosis & Closure

Chair: D. Kennedy (USA)

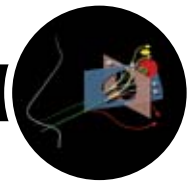
Moderator: H. Braun (Austria)

- IL185** ALL ABOUT THE SEPTAL FLAP: FROM DESIGN TO DONOR SITE MORBIDITY
T.-B. Won (Korea)
- IL186** ENDOSCOPIC REPAIR OF CSF LEAKS: CHARING CROSS EXPERIENCE
H. Saleh (United Kingdom)

- IL187** CLOSURE OF SKULL BASE DEFECTS — DO YOU NEED A VASCULARIZED FLAP?
J. Palmer (USA)
- IL188** NEW ADVANCES IN SKULL BASE CLOSURE — LASER TISSUE WELDING
J. Palmer (USA)
- IL189** A STICKY TOPIC: AUTOLOGOUS FIBRIN GLUE IN CSF LEAK CLOSURE
H. Braun (Austria)
- IL190** ARE THERE INDICATIONS FOR LUMBAR DRAINS?
V. Gellner (Austria)
- IL191** ENDOSCOPIC SKULL BASE RECONSTRUCTION: TIPPS AND TRICKS
P. Nicolai (Italy)

ALL 05 Serious Bleeding: Lessons to Learn**08.15–10.00** STOLZ 2**Chair:** M. Mokry (Austria)**Moderator:** H. Stammberger (Austria)

- IL192** ENDOSCOPIC SURGERY OF TUMOURS ADHERING TO INTRACRANIAL CAROTID: COURTING DISASTER
H. Stammberger (Austria)
- IL193** MASSIVE BLEEDING IN ENDOSCOPIC SKULL BASE SURGERY
A. Stamm (Brazil)
- IL194** PARAMEDIAN AND CORONAL PLANE: IT'S ALL ABOUT THE CAROTID
A. Kassam (Canada)
- IL195** MANAGEMENT OF MAJOR VASCULAR INJURY
R. Douglas (Australia)
- IL196** DRAMATIC BLEEDING — IS THE NASAL CORRIDOR A DISADVANTAGE?
R. Carrau (USA)
- IL197** SPHENOPALATINE ARTERY AND ITS BRANCHES: ANATOMICAL VARIATIONS TO SURGICAL CONTROL
D. Simmen (Switzerland)



0073 MANAGEMENT OF IATROGENIC CAROTID-CAVERNOSUS-FISTULA DURING SINUS SURGERY – CASE REPORT AND REVIEW OF LITERATURE

V. Siedek, D.A. Clevert, H. Brueckmann, M. Elstner, C.S. Betz, A. Leunig (Germany)

IL198 ENDOSCOPIC INTRAOPERATIVE MANAGEMENT OF BLEEDING
N. Prepageran (Malaysia)

0074 A NOVEL ENDOSCOPIC APPROACH FOR TRANSORAL RETRO-MANDIBULAR IDENTIFICATION AND LIGATION OF INTERNAL MAXILLARY ARTERY

B. Kucuk, C. Meco, S. Beton, E. Ocal, H. Basak, I. Yorulmaz (Turkey)

RNS 07 Endoscopic Surgical Corridors II

08.15 – 10.00 SCHUBERT 1+2

Chair: V. Beneš (Czech Republic)

Moderator: C. Teo (Australia)

IL199 KEYHOLE CONCEPT IN NEUROSURGERY
C. Teo (Australia)

IL200 PETROUS APEX APPROACHES
P. Herman (France)

IL201 TONES - TRANSORBITAL NEUROENDOSCOPIC SURGERY – AN ALTERNATIVE APPROACH
K. Moe (USA)

0075 EXTENDED TRANSSPHENOIDAL APPROACH TO THE PETROUS APEX
R.A. Roldan, F.P. Santos, L.L. Balsalobre, E.A.S. Vellutini, A.C. Stamm (Brazil)

0076 ENDOSCOPIC ENDONASAL APPROACH TO MECKEL'S CAVE
A. Karkas, J.T. Keller, P.V. Theodosopoulos, L.A. Zimmer (USA)

0077 THE PARAMEDIAN INFRATENTORIAL SUPRACEREBELLAR KEYHOLE APPROACH (PISKA) FOR ENDOSCOPIC SURGERY OF TUMOURS OF THE PINEAL REGION
F. Thaher, L. Fuellbier, M. Bittl, N. Hopf (Germany)

O078 TRANSNASAL — TRANS PHARYNGEAL APPROACH TO THE CLIVAL AND C1-C4 REGION

J. Vokurka, I. Látr, E. Zverina (Czech Republic)

COFFEE BREAK

10.00–10.30 EXHIBITION AREA

ENT13 Approaches to Frontal Sinus II, CRS

10.30–12.00 PLENARY HALL

Chair: D. Simmen (Switzerland)

Moderator: J. Palmer (USA)

IL202 EXTENDED APPROACHES TO FRONTAL SINUS: INDICATIONS AND TECHNIQUES

D. Simmen (Switzerland)

IL203 FRONTAL SINUS MUCOCELES — THE GOOD; THE BAD AND THE UGLY

J. Palmer (USA)

IL204 MUCOCELES LEADING TO SKULL BASE DESTRUCTION

M. Wagenmann (Germany)

O079 FRONTAL SINUS MUCOCELE SURGERY: SURGICAL TECHNIQUE AND APPROACH ARE CRUCIAL

K. Stelter, P. Funck, G.J. Ledderose, A. Leunig (Germany)

O080 OUR EXPERIENCE OF ENDOSCOPIC APPROACH INTO FRONTAL SINUS

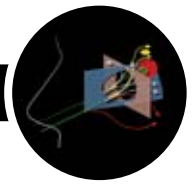
J. Kastner, J. Vokurka, J. Betka (Czech Republic)

O081 ARE FAR LATERAL FRONTAL SINUS OSTEOMAS STILL A CONTRA-INDICATION FOR THE PURE ENDOSCOPIC ENDONASAL APPROACH?

M. Turri-Zanoni, P. Battaglia, P. Terranova, I. Dallan, S. Gallo, A. Karligkiotis, M. Bignami, P. Castelnovo (Italy)

O082 MANAGEMENT OF LATERAL FRONTAL SINUS PROBLEMS USING A MINIMAL INVASIVE ENDOSCOPIC TRANSCUTANEOUS APPROACH

M.H. Jalkhi, N. Laszurashvili, T. Zahnert (Germany)



10.30–12.00

STOLZ 1

NS02 Intraventricular and Parenchymal Lesions, Hydrocephalus

Chair: P. Cappabianca (Italy)

Moderator: C. Teo (Australia)

- IL205** KEYHOLE APPROACHES TO THE VENTRICLES
C. Teo (Australia)
- IL206** NEUROENDOSCOPY FOR INTRAVENTRICULAR LESIONS
P. Cappabianca (Italy)
- IL207** CONTROVERSY OF THE ENDOSCOPIC TREATMENT OF ARACHNOID CYSTS
F. Di Rocco (France)
- IL208** NEUROENDOSCOPIC TREATMENT OF ARACHNOIDS CYSTS — OUR EXPERIENCE
A. Cordoba (Uruguay)
- IL209** CONTRALATERAL ENDOSCOPIC FENESTRATION OF INTRAVENTRICULAR CYSTS
R. Reisch (Switzerland)
- O083** FENESTRATION OF THE LAMINA TERMINALIS VIA A TRANS-DUCTAL SUBOCCIPITAL APPROACH USING A FLEXIBLE ENDOSCOPE
S. Vulcu, H. Bloutian, K. Becker, J.M. Oertel (Germany)
- O084** EVACUATION OF INTRACRANIAL HEMATOMAS WITH NEUROENDOSCOPIC ASSISTANCE
M. Zhao (China)

ALL06 Complications

10.30–12.00 STOLZ 2

Chair: D. Fliss (Israel)

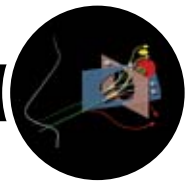
Moderator: A. Kassam (Canada)

- IL210** TRANSCALVAR APPROACHES TO POSTERIOR FOSSA
A. Stamm (Brazil)
- IL211** ANALYSIS OF DATA FROM 800 CONSECUTIVE CASES: OUTCOMES AND COMPLICATIONS
A. Kassam (Canada)

- IL213** QUALITY OF LIFE OF PATIENTS UNDERGOING SKULL BASE OPERATIONS
D. Fliss (Israel)
- IL214** HOW TO AVOID AND MANAGE MAJOR COMPLICATIONS IN SKULL BASE SURGERY: 20 YEARS EXPERIENCE
P. Castelnuovo (Italy)
- O085** OLFACTORY FUNCTION AFTER ENDOSCOPIC TRANSPHENOIDAL SURGERY
M. Rigante, G.C. Passali, F. Doglietto, P. Staffa, C. Anile, G. Paludetti (Italy)

ALL12 Malignant Tumours III**10.30 –12.00** SCHUBERT 1+2**Chair:** J. Gosepath (Germany)**Moderator:** V. Lund (United Kingdom)

- IL215** RECOMMENDATIONS OF THE EUROPEAN POSITION PAPER FOR ENDOSCOPIC SKULL BASE SURGERY
V. Lund (United Kingdom)
- IL216** FIRST IN VIVO APPLICATIONS OF A RIGID CONFOCAL LASER ENDOSCOPE FOR CELLULAR AND SUBCELLULAR RESOLUTION IN IMAGING OF THE HEAD AND NECK AND SKULL BASE
J. Gosepath (Germany)
- O086** A SINGLE-CENTRE, RETROSPECTIVE STUDY ABOUT MALIGNANT TUMOURS OF THE NASAL CAVITY, THE NASOPHARYNX AND THE ANTERIOR SKULL BASE OVER THE LAST FIFTEEN YEARS
M. Margoc, M. Bruch, M. Burian (Austria)
- O087** ESTHESIONEUROBLASTOMA: MANSOURA UNIVERSITY HOSPITALS EXPERIENCE WITH MULTIMODALITY THERAPY PROTOCOL IN 10 YEARS
A.M. Elsayed, E. Kamal, H. Emam, M. Kassem, M. Elashry, A.E.M. Abd Elwahab, A. Tawfik (Egypt)
- IL217** PRIMARY ADENOCARCINOMA OF THE ETHMOID – LONG TERM FOLLOW UP OF 100 CASES
M. Jorissen (Belgium)
- O088** “ENDOSCOPIC ASSISTED TRANSNASAL-CRANIECTOMY” APPROACH TO OLFACTORY NEUROBLASTOMA
D.R. Hermann, L.L. Balsalobre, R. Nunes Toledo, E.A.S. Vellutini, A.C. Stamm (Brazil)



IL218 ENDOSCOPIC NASOPHARYNGECTOMY
R. Carrau (USA)

IL219 ENDOSCOPIC RESECTION OF NASOPHARYNGEAL CARCINOMA-
V. Abdullah (Hong Kong)

COFFEE BREAK

12.00–12.30 EXHIBITION AREA

ALL07 History, Teaching and Learning

12.30–14.15 PLENARY HALL

Chair: A. Stamm (Brazil)

Moderator: C. Georgalas (The Netherlands)

IL220 CROSSING BORDERS: MAKING THE MOVE TO NEURO-RHINOLOGY:
A STARTER'S GUIDE
C. Georgalas (The Netherlands)

IL221 REAL ENDOSCOPIC SKULL BASE SURGERY SIMULATOR
A. Stamm (Brazil)

IL222 FIRST EXPERIENCE WITH A FULLY-AUTOMATIC ENDOSCOPE
MANIPULATOR FOR THE MODIFIED FOUR-HAND TECHNIQUE
G. Strauss (Germany)

O089 TRAINING FOR ENDOSCOPIC TRANSNASAL SKULL BASE AND BRAIN
SURGERY: IMPORTANCE OF ENDOSCOPIC PSYCHOMOTOR SKILL
Y. Fujimoto, Y. Kawanishi, M. Takemura, M. Nonaka, N. Masahira,
E. Nakai, T. Nakajo, T. Kobayashi, K. Shimizu (Japan)

O090 THE UTILITY OF UNFIXED CADAVER SPECIMENS FOR THE TRAINING OF
ENDONASAL ENDOSCOPIC SKULL BASE SURGERY
J. Muto, M. Toda, T. Kawase, K. Yoshida (Japan)

O091 HOW WE PASSED THE LEARNING CURVE OF ENDOSCOPIC
ENDONASAL PITUITARY SURGERY; EXPERIENCE WITH 240 CASES
G. Sharifi, M. Jalessi (Iran)

IL223 HISTORY OF ENDOSCOPES AND ENDOSCOPIC SURGERY IN ENT
J.F. Nogueira (Brazil)

- 0092** A MULTICENTER, PARTICIPANT-BASED SURVEY OF FESS COURSES
C.S. Betz (Germany), T. Braun (Germany), K. Stelter (Germany),
 T.S. Kuehnel (Germany), G. Strauß (Germany), J. Waschke (Germany),
 T. Kirchner (Germany), H.R. Briner (Switzerland), D. Simmen (Switzerland),
 M. Caversaccio (Switzerland), P.J. Wormald (Australia), A. Leunig (Germany)
- 0093** WORKLOAD AND DISTRESS IN FESS WITH AND WITHOUT
 NAVIGATION DURING SURGICAL TRAINING
K. Stelter, M. Luz, A. Leunig (Germany)

ALL08 New Technologies: Work in Progress

12.30–14.15 STOLZ 1

Chair: M. Trimarchi (Italy)

Moderator: J.S. Zinreich (USA)

- IL224** MULTIPORTAL ENDOSCOPIC SKULL BASE SURGERY/ROBOTICS
 K. Moe (USA)
- IL225** “VISUS SURGICAL THEATER”: FIRST CLINICAL EXPERIENCE WITH A 1.5
 TESLA CEILING MOUNTED MOVEABLE INTRA-OPERATIVE MRI SYSTEM
 G. Feigl (Germany)
- IL226** VIDEO ENDOSCOPIC ORO-NASAL APPROACH TO THE ANTERIOR
 WALL OF MAXILLARY SINUS: A NEW TECHNIQUE
 M. Trimarchi (Italy)
- 0095** AUGMENTED REALITY DURING INTRAOPERATIVE ENDOSCOPIC
 NAVIGATION
O. Kaschke, R. Tietze, B. Kosmecki (Germany)
- 0096** ROBOTIC-ASSISTED DISSECTION OF POSTERIOR VENTRAL SKULL BASE:
 PRELIMINARY PRECLINICAL IMPRESSIONS AND CRITICAL CONSIDERATIONS
P. Battaglia (Italy), I. Dallan (Italy), C. Vicini (Italy), F. Montevecchi (Italy),
 A. Karligkiotis (Italy), M. Turri-Zanoni (Italy), P. Castelnovo (Italy),
 M. Tschabitscher (Austria)
- 0097** VARIABLE PERSPECTIVES FOR ENDOSCOPIC NEUROSURGERY:
 FEASIBILITY AND APPLICABILITY OF RIGID, MULTIDIRECTIONAL
 STEERABLE (VIDEO) ENDOSCOPES
F.H. Ebner, J.S. Marquardt, B. Hirt, M. Tatagiba, M.U. Schuhmann
 (Germany)



- 0098** FEASIBILITY STUDY FOR A NEW ROBOT DESIGN, B-ROBL, IN LATERAL SKULL BASE AND TRANSSPHENOIDAL SURGERY
C. Bohr (Germany), R. Milojevic (Germany), G. Kornreif (Austria), M. Fuerst (Austria), A. Stegman (Germany), M. Vogele (Austria), J. Wurm (Germany), H. Iro (Germany)
- 0099** COMPUTER MODELED MULTIPORTAL APPROACHES TO THE SKULL BASE
R.A. Bly, D. Su, B. Hannaford, M. Ferreira, K.S. Moe (USA)
- 0100** A NON CONTACT LASER GUIDED ENDOSCOPIC NAVIGATION SYSTEM WITH AUGMENTED REALITY
M. Khan, B. Kosmecki, C. Özbek, A. Reutter, H. Olze (Germany)

RNS/NS 05 Craniopharyngiomas

12.30–14.15 STOLZ 2

Chair: H. Mueller (Germany)**Moderator:** J. Šteňo (Slovakia)

- IL227** APPROACHING CRANIOPHARYNGIOMAS
G. Frank (Italy)
- IL228** A PRACTICAL CLASSIFICATION TO MANAGE CRANIOPHARYNGIOMAS
A. Kassam (Canada)
- IL229** THE PRINCIPLES OF PITUITARY TRANSPOSITION ACCESSING THE HYPOTHALAMUS
A. Kassam (Canada)
- IL230** CRANIOPHARYNGIOMAS: OPEN VS. ENDOSCOPIC APPROACHES
M. Mokry (Austria)
- IL231** THE "TRADITIONAL" MICROSCOPIC APPROACH TO CRANIOPHARYNGIOMAS
J. Šteňo (Slovakia)
- IL232** CRANIOPHARYNGIOMAS: THE PEDIATRIC POINT OF VIEW
H. Mueller (Germany)
- IL233** CRANIOPHARYNGIOMAS
T. Schwartz (USA)

- O101** TRANSNASAL ENDOSCOPIC CRANIECTOMY FOR CRANIOPHARYNGIOMA
L.L. Balsalobre, D.R. Hermann, E.A.S. Vellutini, A.C. Stamm (Brazil)

12.30–14.15

SCHUBERT 1+2

ENT11 *Medicolegal Aspects of Endoscopic Sinus Surgery: Errors, Wrongful and Criminal Acts*

Chair: S. Schaefer (USA)
Moderator: W. Hosemann (Germany)

- IL234** MEDICOLEGAL ASPECTS OF ENDOSCOPIC SINUS SURGERY – ERRORS WRONGFUL AND CRIMINAL ACTS
W. Hosemann (Germany)

- IL235** ACTUAL STANDARD OF TECHNIQUES AND PERIOPERATIVE CARE IN ROUTINE ESS
M. Bernal-Sprekelsen (Spain)

- IL236** SYNECHIA, MISSED OSTIUM, “EMPTY NOSE”, ANOSMIA – MANAGEMENT, ERRORS, WRONGFUL AND CRIMINAL ACTS
V. Lund (United Kingdom)

- IL237** ORBITAL COMPLICATIONS – MANAGEMENT, ERRORS, WRONGFUL AND CRIMINAL ACTS
S. Schaefer (USA)

- IL238** SKULL BASE COMPLICATIONS – MANAGEMENT, ERRORS, WRONGFUL AND CRIMINAL ACTS
N. Otori (Japan)

- IL239** BLEEDING – MANAGEMENT, ERRORS, WRONGFUL AND CRIMINAL ACTS
P. Herman (France)

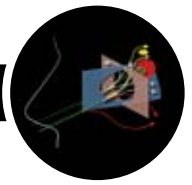
- IL240** CASE PRESENTATIONS
W. Hosemann (Germany)

14.15–14.45

STOLZ 1

Closing Ceremony

Poster Awards/Information & Presentation of Next Meeting/Adjourn



NOTES

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POSTER INDEX

- P001 EMIL ZUCKERKANDL (1849-1910) ANATOMIST AND PIONEER OF RHINOLOGY OF THE VIENNA MEDICAL SCHOOL
H. Swoboda, H. Groeger (Austria)
- P002 THE USEFULNESS AND LIMITATION OF VALSALVA-LIKE MANEUVER IN PATIENTS WITH CSF-LEAKS FOR IDENTIFICATION OF THE SITE OF THE LESION
M. Ishikawa, K. Ishizima (Japan)
- P003 METASTATIC PROSTATE CARCINOMA TO THE SPHENOID SINUS: CASE REPORT AND A REVIEW OF THE LITERATURE
S.H. Tan, F. Petersson, D. Loke (Singapore)
- P004 ENDOSCOPIC RESECTION OF A THIRD VENTRICLE CRANIOPHARYNGIOMA. REPORT OF A CASE
O.H. Jiménez-Vázquez, N. Nagore (Mexico)
- P005 has been withdrawn
- P006 RETROPHARYNGEAL LIPOMA WITH PARAPHARYNGEAL EXTENSION: IS TRANSORAL EXCISION POSSIBLE?
D.Y.K. Chua, M.Y. Lim, D. Teo, S.Y. Hwang (Singapore)
- P007 BILATERAL RESPIRATORY EPITHELIAL ADENOMATOID HAMARTOMA OF THE NOSE. WOULD CONTACT ENDOSCOPY PREVIEW THE DIAGNOSIS?
F.R. Romano, I. Lopes, R. Voegels (Brazil)
- P008 SKULL BASE INVASION BY A METASTATIC HEPATOCELLULAR CARCINOMA: A CASE REPORT
K. Kourelis, A. Shikani (USA)
- P009 has been withdrawn
- P010 QUALITY OF LIFE AND PUMONARY FUNCTION AFTER ENDOSCOPIC SINUS SURGERY IN ASTHMATIC PATIENTS WITH POLYPOSIS
B. Khademi (Iran)



- P011 SUPERIORLY BASED NASAL SEPTAL FLAP FOR CLOSURE OF CSF LEAK
E. Eviatar, H. Gavriel (Israel)
- P012 ENDOSCOPIC TREATMENT OF 5 SELLAR REGION MENINGIOMAS
C.M. Barros, L.R. Chiarelli, J.E. Martins, A. Guarçoni, S. Siqueira, C.M.P. Siqueira, I. Nery, B.C.R. Lazaro, C. Avila (Brazil)
- P013 ENDOSCOPIC ENDONASAL APPROACH TO THE ORBIT
T. Nakagawa, T. Sakamoto, E. Ogino-Nishimura, J. Ito (Japan)
- P014 MAXILLARY SINUS SQUAMOUS CELL CARCINOMA WITH CONCURRENT PROLONGED FOREIGN BODY IMPACTION
J. Kim (South Korea)
- P015 ETHMOID OSTEOMA WITH ORBITAL EXTENSION – ENDOSCOPIC EXTRACTION
H.K. Zlatanov, S. Milev, V. Tzvetkov (Bulgaria)
- P016 FAILURE AFTER EXTERNAL DACRYOCYSTORHINOSTOMY: NASAL ENDOSCOPIC ASSESSMENT AND MANAGEMENT
S.M. Elmorsy (Egypt)
- P017 CONJUNCTIVODACRYORHINOSTOMY WITH JONES TUBE – IS IT THE SURGERY FOR CHILDREN?
P. Kominek, S. Cervenka, P. Matousek, T. Pniak, K. Zelenik (Czech Republic)
- P018 ENDOSCOPE-ASSISTED MICROVASCULAR DECOMPRESSION FOR TRIGEMINAL NEURALGIA, HEMIFACIAL SPASM, GLOSSOPHARYNGEAL NEURALGIA
V. Karnaukhov, V. Shimansky, S. Tanyashin, V. Poshataev, T. Sergienko (Russia)
- P019 has been withdrawn
- P020 DETECTION OF HSV 1-5 AND HPV DNA BY REAL TIME PCR AND THE POTENTIAL ASSOCIATION WITH NASAL POLYPS DEVELOPMENT
D.G. Ioannidis, Z.A. Florou, T.F. Terzis E.A. Petinaki, C.E. Skoulakis (Greece)

- P021 THE INFLUENCE OF RADIO FREQUENCY ON THE HYPERTROPHY OF INFERIOR TURBINATE
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- P022 ROLE OF BACTERIAL BIOFILMS IN IDIOPATHIC CHILDHOOD EPISTAXIS
M.E. Saafan, W.S. Ibrahim (Egypt)
- P023 RELEVANCE OF PERIOPERATIVE ULTRASOUND IN EVALUATION OF THE RADICALITY OF ENDOSCOPIC ENDONASAL OPERATIONS IN THE SELLAR REGION
R. Lipina, P. Matousek (Czech Republic)
- P024 INDICATIONS FOR APPLICATION OF FESS IN CHILDREN — OUR EXPERIENCE
V. Stojanovic Kamberovic, S. Babac, R. Kosanovic, P. Vasiljevic (Serbia)
- P025 ENDOSCOPIC ENDONASAL TRANSSPHEOIDAL SURGERY OF PITUITARY ADENOMAS: EXPERIENCE WITH 1700 PATIENTS
P. Kalinin, D. Fomichev, M. Kutin, B. Kadashev (Russia)
- P026 ENDOSCOPIC ENDONASAL TRANSSPHEOIDAL REMOVAL OF PITUITARY ADENOMAS: COMPLICATIONS
P. Kalinin, D. Fomichev, M. Kutin, B. Kadashev (Russia)
- P027 THE ENDOSCOPIC EXTENDED TRASSPHEOIDAL APPROACH FOR REMOVAL SUPRASELLAR CRANIOPHARYNGIOMAS
P. Kalinin, D. Fomichev, M. Kutin (Russia)
- P028 SURGICAL MANAGEMENT OF RECURRENT SINONASAL MUCOSAL MELANOMA - ENDOSCOPIC SYMPTOM CONTROL OR TRANS-FACIAL WIDE RESECTION
G.J. Ledderose, K. Stelter, C.S. Betz, A. Leunig (Germany)
- P029 ENDOSCOPIC ENDONASAL TRANSSPHEOIDAL APPROACH FOR TREATMENT OF PITUITARY ADENOMA: OUR EXPERIENCE
L. Nimroda, H. Ozolins, I. Garsa (Latvia)
- P030 MEDIAL VS. BALANCED ORBITAL DECOMPRESSION FOR GRAVES ORBITOPATHY
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- P031 SEPTOPLASTY AND TURBINOPLASTY IN OBSTRUCTIVE SLEEP APNEA — DOES IT HELP?
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- P032 CT PERFUSION FOR DETECTING RESIDUAL OR RECURRENT JUVENILE ANGIOFIBROMA
M. Nersesyan, D. Kapitanov, I. Schurova (Russia)
- P033 ORBITAL CELLULITIS AS COMPLICATION OF SINUSITIS
F. Boudjenah, O. Salmi, M. Hasbellaoui (Algeria)
- P034 SINOUNASAL TUMOURS: OUR MANAGEMENT
F. Boudjenah, H. Dehl, M. Hasbellaoui (Algeria)
- P035 ENDOSCOPIC SURGERY OF POSTERIOR SINUSES; THE EXPERIENCE OF UNIVERSITY ENT DEPARTMENT CLUJ- NAPOCA
M. Cosgarea (Romania)
- P036 ASSESSMENT OF ANATOMIC-TOMOGRAPHIC REFERENCE POINTS FOR SURGICAL APPROACHES TO THE SKULL BASE
P.R. Lazarini, M.M. Dal Secchi, A.R.L.D. Santos (Brazil)
- P037 DIAGNOSTIC ENDOSCOPY OF THE MAXILLARY SINUSITIS — WHEN MUST IT BE MADE
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- P038 RECONSTRUCTION FOLLOWING ENDONASAL ENDOSCOPIC RESECTION OF A RECURRENT CLIVAL CHORDOMA WITH A MODIFIED ANTERO-LATERAL THIGH FREE FLAP: A CASE REPORT
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- P039 A CONSERVATIVE APPROACH TO PERIORBITAL CELLULITIS. HOW USEFUL ARE RADIOLOGICAL INVESTIGATIONS?
P. Kullo, R. Lakhani, P. Leong, S. Vardy (United Kingdom)
- P040 REVERSE ORDER BILATERAL NASO-SEPTAL FLAPS FOR RECONSTRUCTION OF THE SKULL BASE IN ENDOSCOPIC SKULL BASE SURGERY: A MODIFICATION TO DEAL WITH THE SEVERE BONY SEPTAL SPUR
M. Corsten, A. Kassam (Canada)

- P041 EXPANDED ENDOSCOPIC ENDONASAL APPROACH IN A LOW-VOLUME MEDICAL CENTER PROVES TO BE A SAFE METHOD IN SINONASAL AND SKULL-BASE TUMOURS
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- P042 MINIMALLY INVASIVE TREATMENT OF SPINAL CORD CYSTS USING A TUBULAR RETRACTOR SYSTEM: CASE SERIES
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- P043 OUR EXPERIENCE OF USING MIDDLE TURBINATE AND MUCOPERIOSTEAL FLAP FOR POST-OP. DEFECT CLOSURE IN TRANSSPHEOIDAL ENDOSCOPIC PRACTICE
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- P045 STUDY OF CONCENTRATION AND MORPHOLOGY OF THE MECHANORECEPTORS IN THE MUCOSA OF THE UNCINATE PROCESS IN THE HUMAN NOSE
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- P046 SELLAR REPAIR IN ENDOSCOPIC ENDONASAL TRANSSPHEOIDAL SURGERY FOR PITUITARY ADENOMA: EXPERIENCE IN 240 CASES
M. Jalessi, G. Sharifi (Iran)
- P047 ADENOID CYSTIC CARCINOMA OF THE NASOPHARYNX: CASE REPORT AND INSIGHTS TO A RARE TUMOUR
J. Liu, D. Loke, S.H. Tan (Singapore)
- P048 PURE ENDOSCOPIC REPAIR OF PRIMARY FRONTOBASAL CSF FISTULAS: AN INTERSDISCIPLINARY APPROACH
T.F. Terzis, D.G. Ioannidis, V.I. Vougioukas (Greece)
- P049 APPROACH TO SURGERY ON THE CV JUNCTION AND CERVICAL SPINE
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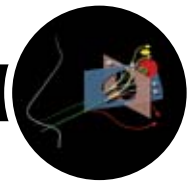
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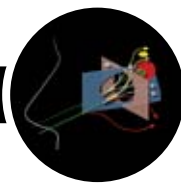
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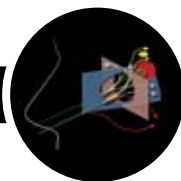
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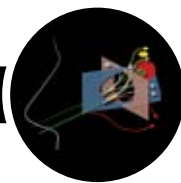
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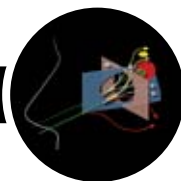
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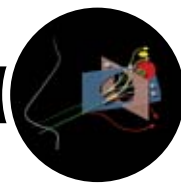
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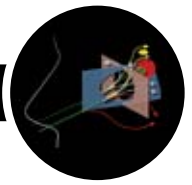
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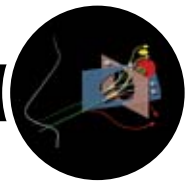




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NOTES





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SCIENTIFIC PROGRAMME OVERVIEW Thursday, March 29, 2012

Plenary Hall

12.15 – 13.45	Opening Demo Dissection
14:00 – 15:30	Plenary Session I
15.30 – 16.00	Coffee Break
16.00 – 17.45	Plenary Session II Cum Opening Ceremony
17:45 – 19:00	Welcome Reception in the Exhibition Area

SCIENTIFIC PROGRAMME OVERVIEW Friday, March 30, 2012

	Plenary Hall	Stolz 1	Stolz 2	Schubert 1+2	Schubert 4+5
07.00 – 08.00	IC 13 CSF Leaks/ Skull Base-Defects: From AZ; a Case-Based Instructional Course	IC 20 Maxillectomy - Resection and Reconstruction (Demo Dissection)	IC 03 Aspirin Sensitivity in Nasal Polyps - Recent Developments in Diagnosis and Treatment	IC 04 Surgery of the olfactory cleft	IC 19 Surgical Oriented 3D anatomy of the Sinuses, Sella and Parasellar Region
08.15 – 10.00	German Skull Base Society Joint Meeting: All Roads Lead to Vienna	ENT 02 Fungal Diseases/AFS/EFRS/CRS	RNS 01 Endoscopic Surgical Corridors I	NS 01 Spine	
Coffee Break					
10.30 – 12.00	ENT 03 ESS: Basics & Complications	ENT 04 Balloon - Based Technology and Applications	RNS 02 Pituitary Lesions I	ENT 14 Juvenile Angiofibroma I	
12.00 – 13.45	Lunch Break	LS 03 ACCLARENT LUNCH SYMPOSIUM	LS 01 STORZ LUNCH SYMPOSIUM I (Live Dissection)		
13.45 – 15.30	ENT 15 Persistant CRS/ Polyposis		RNS/NS 01 Meningiomas	ENT 06 Juvenile Angiofibroma II	ALL 09 Imaging – Work in Progress
Coffee Break					
16.00 – 17.30	ENT 01 Endoscopic Septorhinoplasty Plastic Surgery	ENT 08 Inverted Papilloma	ENT 12 Approaches to Frontal Sinus: To Drill or Not to Drill? – Session Dedicated to the late Professor Wolfgang Draf.	Special ESPO Session: Pediatric Sinus & Skull Base Surgery & Endoscopy	
17.45 – 18.45	IC 02 Approaching Cavernous Sinus (Demo Dissection)	IC 10 Powered Instruments in Complex Anatomy and Complicated Cases	IC 09 Bacterial Biofilms in Sinusitis	IC 18 Diagnosis and Therapy of Smell Disorders	IC 14 3D Anatomy Approaches to Skull Base

SCIENTIFIC PROGRAMME OVERVIEW **Saturday, March 31, 2012**

	Plenary Hall	Stolz 1	Stolz 2	Schubert 1+2
07.00 -08.00	IC 15 Endoscopic Sugery at the Anterior Skull Base – "Draf Techniques"	IC 11 Endoscopic Management of Mucoceles	IC 12 Surgical Management of Severe Epistaxis (Demo Dissection)	IC 08 TONES – TransOrbital NeuroEndoscopic Surgery – an Alternative Approach (Demo Dissection)
08.15 -10.00	ALL 01 Imaging Advances	ALL 02 Pediatric Endoscopy	RNS 03 Pituitary Lesions II	ENT 05 ESS for eCRS with Polyposis, Smell
Coffee Break				
10.30 -12.00	RNS 04 Sternberg's Canal: CSF Leaks and Meningo-Encephaloceles	ENT 09 DCR: Techniques, Problems & Results	ENT 10 Sinusitis: Complications of Acute Rhinosinusitis; Choanal Atresia	ALL 10 Malignant Tumours I
12.00 -13.45	Lunch Break	LS 04 BIONORICA LUNCH SYMPOSIUM	LS 02 STORZ LUNCH SYMPOSIUM II (Demo Dissection)	Lunch Break
13.45 -15.30	RNS 06 Around and into the Orbit: Endoscopic (and Other) Approaches	RNS 05 Clivus and Surroundings	RNS / NS 02 Endoscopic Assisted Neurosurgery	PARS JOINT SESSION OF PANARAB RHINOLOGIC SOCIETY
Coffee Break				
16.00 -17.30	ALL 03 Malignant Tumours II	ALL 04 History and Global ESS Development	RNS / NS 03 - Dural & Skull Base Defects I: Diagnosis & Closure	IWGEES Endoscopic Transotic Access to Base of Skull (Demo Dissection)
17.45 -18.45	IC 16 The Transpterygoid Approach to the Cavernous Sinus (Demo Dissection)	IC 06 Surgical Anatomy of the Frontal Recess and Sinus (Demo Dissection)	IC 23 Choosing the Right Approach for Craniopharyngiomas (Demo Dissection)	IC 17 A Modern Concept in CSF Diagnosis and Dura Repair

SCIENTIFIC PROGRAMME OVERVIEW **Sunday, April 1, 2012**

	Plenary Hall	Stolz 1	Stolz 2	Schubert 1+2
07.00 – 08.00	IC 07 Great Practical Value of the Lamb Head as a Model for Training FESS Techniques (Demo Dissection)	IC 01 Principles of Endoscopic Skull Base Surgery and the Nasal Corridors	IC 05 Endoscopic Medial Maxillectomy in Inverted Papilloma (Demo Dissection)	IC 21 Extended Frontal Sinus Surgery / Revision FESS (Demo Dissection)
08.15 – 10.00	ENT 07 Avoidance of (Revision) Surgery for eCRS and Polyposis, Postop. Care	RNS/NS 04 Dural & Skull Base Defects II: Diagnosis & Closure	ALL 05 Serious Bleeding: Lessons to Learn	RNS 07 Endoscopic Surgical Corridors II
Coffee Break				
10.30 – 12.00	ENT 13 Approaches to Frontal Sinus II, CRS	NS 02 Intraventricular and Parenchymal Lesions, Hydrocephalus	ALL 06 Complications	ALL 12 Malignant Tumours III
Coffee Break				
12.30 – 14.15	ALL 07 History, Teaching and Learning	ALL 08 New Technologies: Work in Progress	RNS/NS 05 Craniopharyngiomas	ENT 11 Medicolegal Aspects of Endoscopic Sinus Surgery: Errors, Wrongful and Criminal Acts
14.15 – 14.45	Closing Ceremony: Poster Awards Information & Presentation Next Meeting, Adjourn			


SESSION ABBREVIATIONS & COLOUR CODES

 **IC** Instructional Course

Of Special Interest for:

 **ALL**

 **RNS/NS** Rhinoneurosurgery/Neurosurgery

 **ENT** Ear, Nose, Throat Session

 **RNS** Rhinoneurosurgery

 **NS** Neurosurgery

 Joint Session

 **LS** Lunch Symposium

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