ENDOSCOPIC SINUS AND SKULL BASE SURGERY

Hands on Course with Anatomical Dissection

Course Program, 1st – 3rd of June, 2015
Zurich – Switzerland
Organisation

Center for Rhinology, Skull Base Surgery and Facial Plastic Surgery
ORL-Zentrum, Klinik Hirslanden, Zurich

in collaboration with the University of Zurich
- Institute of Anatomy (Prof. O. Ullrich)
- ORL-Klinik Universitätsspital Zürich (Prof. R. Probst)

Course Objectives

Intensive instruction and practical hands on training in endoscopic sinus and skull base surgery. Advanced concepts and step by step introduction to the various surgical techniques. Structured live cadaver operations. Questions, answers and discussion with the faculty.

Course Secretary

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Course Directors

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Course Faculty

Hans Rudolf Briner (ORL-Zentrum, Klinik Hirslanden, Zürich)
Robert Reisch (Neurochirurgie, Klinik Hirslanden, Zürich)
Christoph Schlegel (ORL, Kantonsspital, Luzern)
Bernhard Schuknecht (Medizinisch Radiologisches Institut (MRI), Zürich)
Daniel Simmen (ORL-Zentrum, Klinik Hirslanden, Zürich)
Michael Soyka (ORL-Klinik, Universitätsspital Zürich)

Invited International Faculty

Scott Graham (University of Iowa City, USA)
Nick Jones (University of Nottingham, UK)

Institute of Anatomy

O. Ullrich, M. Manestar, M. Vich

CME-CREDITS SGORL: 24 CREDITS
Course Program
Monday June 1st 2015

08.30  Registration
09.00  Introduction and course objectives
09.15  Endoscopic Sinus ans Skull Base Surgery – Introduction
∥ Terminology and classification of surgical procedures
10.15  Immune dysfunction in refractory rhinosinusitis
11.45  Coffee Break
11.15  Cadaver dissection
∥ Introduction of endoscopes and instrumentation, nasal endoscopy
11.45  Infundibulotomy, partial anterior ethmoidectomy
∥ Introduction and surgical technique
12.30  Lunch
13.30  Cadaver dissection
∥ Infundibulotomy, partial anterior ethmoidectomy
      (right side of the cadaver specimen!)
15.00  Coffee Break
15.30  Surgical anatomy of the frontal recess and frontal sinus
∥ Fronto-ethmoidectomy – Introduction and surgical technique
16.30  Cadaver dissection
∥ Fronto-ethmoidectomy (right side of the cadaver specimen!)
17.30  The assisted, bimanual endoscopic technique
18.00  New insight in the management of epistaxis
19.00  Course Dinner
      (Transportation is provided –
we will depart directly after the course)
      Restaurant zur Höhe
      Höhestr. 73, 8702 Zollikon ZH, Tel. 044 391 59 59
Course Program

Tuesday June 2nd 2015

08.30  Dacryocystorhinostomy
■ Introduction and surgical technique
09.15  Cadaver dissection
■ Dacryocystorhinostomy (right side of the cadaver specimen!)
10.15  Coffee Break
10.45  Pre- and postoperative management of chronic rhinosinusitis
11.15  Spheno-ethmoidectomy
■ Introduction and surgical technique
11.45  Cadaver dissection
■ Spheno-ethmoidectomy (right side of the cadaver specimen!)
■ Anatomy and surgery of the skull base – Part 1
12.30  Lunch
13.30  Imaging of the paranasal sinuses
■ Preoperative «Check-List»
14.00  What is maximal medical management – what to do when it fails?
14.30  Cadaver dissection
■ Infundibulotomy, partial anterior ethmoidectomy
■ fronto-ethmoidectomy, sphenoid-ethmoidectomy
■ (left side of the cadaver specimen!)
16.00  Selected specimens demonstrated by the Institute of Anatomy
16.30  Coffee Break
16.45  Olfaction in endonasal sinus surgery
17.15  Endonasal tumour surgery – achievements and perspectives
17.45  «5-key-points, personal insight»
Course Program
Wednesday June 3rd 2015

08.30  Extended frontal sinus surgery
       Fronto-ethmoidectomy with frontal sinus drainage procedure (FSDP)
       - Introduction and surgical technique

09.00  Navigation in Sinus and Skull Base Surgery

09.30  Cadaver dissection
       - Fronto-ethmoidectomy with frontal sinus drainage procedure
         (right side of the cadaver specimen!)

10.30  Coffee Break

11.00  Facial pain, indication for surgery

11.45  Cadaver dissection
       - Infundibulotomy – , partial anterior ethmoidectomy – ,
         fronto-ethmoidectomy – , dacryocystorhinostomy continued
         (left side of the cadaver specimen!)

12.30  Lunch

13.30  Control of bleeding in endonasal sinus surgery

14.00  Complications of endoscopic sinus surgery

14.30  Cadaver dissection
       - Endonasal management of the sphenopalatine artery,
         Ligation of the ethmoidal arteries, Lateral canthotomy
         and cantholysis for severe orbital hematoma
         Endonasal medial maxillectomy, Anterior skull base surgery

15.10  Anatomy and surgery of the skull base – Part 2

15.40  Coffee Break

16.00  Rhinoneurosurgical approaches to the skull base

16.30  Imaging of the paranasal sinuses
       - Value of CT and MRI in selected sinus diseases

17.00  Open discussion with the faculty, Adjourn
Sponsors

Sponsors and Equipment
AMAG, Schinznach Bad (CH)
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ZAMBON SVIZZERA SA, Cadempino (CH)
Course Location
Institute of Anatomy,
University of Zurich-Irchel
Winterthurerstrasse 190, CH-8057 Zurich
Building 42 (through Building 23)
Room 42-G-53
Phone +41 44 635 42 00

How to get to the Course
Tram 9 or 10 to Railway station Uni-Irchel
Tram 9 or 10 to Railway station Milchbuck
Parking Uni-Irchel