ENDOSCOPIC SINUS AND SKULL BASE SURGERY
Hands on Course with Anatomical Dissection

Course Program, 2\textsuperscript{nd} – 4\textsuperscript{th} of June, 2014
Zurich – Switzerland
Organization

Center for Rhinology, Skull Base Surgery and
Facial Plastic Surgery
ORL-Zentrum, Klinik Hirslanden, Zurich
Zentrum für Hals-, Nasen-, Ohren- und plastische
Gesichtschirurgie, Schädelbasischirurgie

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 Faculty

Hans Rudolf Briner (ORL-Zentrum, Klinik Hirslanden, Zurich)
David Holzmann (ORL, University Hospital, Zürich)
Robert Reisch (Neurochirurgie, Klinik Hirslanden, Zurich)
Christoph Schlegel (ORL, Kantonsspital, Luzern)
Bernhard Schuknecht (Medizinisch Radiologisches Institut (MRI), Zurich)
Daniel Simmen (ORL-Zentrum, Klinik Hirslanden, Zurich)

Invited International Faculty
Paolo Castelnuovo, Varese, Italy
Nick Jones, Nottingham, UK

Institute of Anatomy
O. Ullrich, M. Manestar, M. Vich

CME-CREDITS’ SGORL: 24 CREDITS
Course Program

Monday June 2nd 2014

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  Anatomy for the sinus surgeon and beyond
10.45  Coffee Break
11.15  Cadaver dissection
  ► Nasal endoscopy
  ► Introduction to endoscopes and instrumentation
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
  ■ Surgery of the frontal sinus – lessons learned
16.30  Cadaver dissection
  ► Fronto-ethmoidectomy (right side of the cadaver specimen!)
17.30  The assisted, bimanual endoscopic technique
18.00  «5-key-points, personal insight»
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 3rd 2014

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

09.15  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  Endonasal surgical approach to the infratemporal fossa

14.30  Cadaver dissection
  ▶ Infundibulotomy, partial anterior ethmoidectomyronto-ethmoidectomy, spheno-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  Evolution in Skull Base Surgery

17.45  «5-key-points, personal insight»
Course Program

Wednesday June 4\textsuperscript{th} 2014

08.30 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 «Hints» in endoscopic 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
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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