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

Course Program
29th – 31st of May, 2017
Zurich – Switzerland

Course Location
Institute of Anatomy,
University of Zurich-Irchel

2017
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. A. Huber)

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)
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)
Michael Soyka (ORL-Klinik, Universitätsspital Zurich)

Invited International Faculty
Scott Graham (University of Iowa, USA)
Jin Keat Siow (University of Singapore)

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

CME-CREDITS SGORL: 24 CREDITS
Course Program
Monday May 29th 2017

08.30 Registration
09.00 Introduction and course objectives
09.15 Endoscopic sinus and skull base surgery – Introduction
10.00 Immune dysfunction in refractory rhino sinusitis
10.30 Coffee Break
11.00 Cadaver dissection
   Introduction of endoscopes and instrumentation, nasal endoscopy
11.30 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!)
14.30 Coffee Break
15.00 Surgical anatomy of the frontal recess and frontal sinus
   Fronto-ethmoidectomy – Introduction and surgical technique
15.30 Cadaver dissection
   Fronto-ethmoidectomy (right side of the cadaver specimen!)
17.30 «5 Key points-personal insight»
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 May 30th 2017

08.30 Dacryocystorhinostomy
   Introduction and surgical technique
09.00 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 The assisted bimanual endoscopic technique
14.30 Cadaver dissection
   Infundibulotomy, partial anterior ethmoidectomy
   fronto-ethmoidectomy, sphen-ethmoidectomy
   (left side of the cadaver specimen!)
16.00 Selected specimens demonstrated by the Institute of Anatomy
16.30 Coffee Break
16.45 «5 Key points-personal insight»
17.15 Olfaction in endoscopic sinus surgery
18.00 Adjourn
Course Program
Wednesday May 31st 2017

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  Complications of endoscopic sinus and skull base 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  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

University Zurich-Irchenel | Campus

Institute of Anatomy, University of Zurich-Irchenel
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-Irchenel
Tram 9 or 10 to Railway station Milchbuck
Parking Uni-Irchenel