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

Course Program
11th – 13th of June, 2018
Zurich – Switzerland

Course Location
Institute of Anatomy, University of Zurich-Irchel
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

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Robert Reisch (Neurochirurgie, Klinik Hirslanden, Zurich)
Dominik Hinder (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

James N. Palmer (University of Pennsylvania, USA)
Gerald Wolf (Universität Graz, Austria)

Institute of Anatomy
O. Ullrich, M. Manestar, G. Colacicco

CME-CREDITS SGORL: 24 CREDITS
Course Program

Monday June 11th 2018

08.30 Registration
09.00 Introduction and course objectives
09.15 Endoscopic sinus and skull base surgery – Introduction
10.00 Pathogenesis of chronic rhinosinusitis
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 The past and future of endoscopic sinus surgery
18.00 Medical treatment of chronic rhinosinusitis
19.00 Course Dinner
  (Transportation is provided –
  we will depart directly after the course)
  Restaurant zur Höhe
  Höhstr. 73, 8702 Zollikon ZH, Tel. 044 391 59 59

Course Program

Tuesday June 12th 2018

08.30 Dacryocystorhinostomy
  ■ Introduction and surgical technique
09.00 Cadaver dissection
  ▶ Dacryocystorhinostomy (right side of the cadaver specimen!)
10.15 Coffee Break
10.45 What is maximal medical treatment – What to do when it fails
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, spheno-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 June 13th 2018

08.30  Navigation in sinus and skull base surgery
09.00  Extended frontal sinus surgery
       Fronto-ethmoidectomy with frontal sinus drainage procedure (FSDP)
       ■ Introduction and surgical technique
09.30  Coffee Break
09.45  Cadaver dissection
       ■ Fronto-ethmoidectomy with frontal sinus drainage procedure
          (right side of the cadaver specimen!)
       ■ Infundibulotomy –, partial anterior ethmoidectomy –,
          fronto-ethmoidectomy –, dacryocystorrhinostomy continued
          (left side of the cadaver specimen!)
11.30  Complications of endoscopic sinus and skull base surgery
12.00  Management of CSF Leaks
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-Irchel | Campus

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