



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

2018

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)
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
 - A step by step practical guide: Who? When? Why? How?
- 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
Höhestr. 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 – , dacryocystorhinostomy 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 ZÜRICH-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**

