



# ENDOSCOPIC SINUS AND SKULL BASE SURGERY

Hands on Course with Anatomical Dissection

## COURSE PROGRAM

Monday, 2<sup>nd</sup> – Wednesday, 4<sup>th</sup> of June, 2025  
Zurich – Switzerland

## COURSE LOCATION

Institute of Anatomy,  
University of Zurich-Irchel

**2025**

## 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)

## 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

Andrea Lüscher, Sabrina Kuhnen, Crista Weiss

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## COURSE DIRECTORS

Prof. Dr. Daniel Simmen  
KD Dr. Hans Rudolf Briner  
Dr. Christoph Schlegel

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## COURSE FACULTY

Hans Rudolf Briner (ORL-Zentrum, Klinik Hirslanden, Zurich)

Dominik Hinder (ORL-Zentrum, Klinik Hirslanden, Zurich)

Basile Landis (ORL, Hôpitaux Universitaires de Genève)

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)

### [Institute of Anatomy](#)

G. Colacicco, O. Ullrich

# COURSE PROGRAM

Monday, June 2<sup>nd</sup> 2025

**08.30 Registration**

**09.00** Course objectives (Simmen, Briner)

**09.15** Endoscopic sinus and skull base surgery – Introduction (Simmen)

- A step by step practical guide

**09.45** Chronic rhinosinusitis – What is it? How do we treat it? (Graham)

**10.15 Coffee Break**

**10.40** Anatomical landmarks (Briner)

**11.00** Cadaver dissection

- ▶ Introduction of endoscopes and instrumentation, endoscopic septoplasty if needed
- ▶ Infundibulotomy and anterior ethmoidectomy (right side of specimen)

**12.30 Lunch**

**13.30** Cadaver dissection

- ▶ Infundibulotomy, partial anterior ethmoidectomy (right side of specimen)

**14.20** Surgical anatomy of the frontal sinus, fronto-ethmoidectomy (Hinder)

**14.40 Coffee Break**

**14.55** Cadaver dissection

- ▶ Fronto-ethmoidectomy (right side of specimen)
- ▶ Presentation of selected anatomical specimens by the Institute of Anatomy

**16.45** The sensory nose – considerations for rhinosurgeons (Landis)

**17.05** Medical treatment of chronic rhinosinusitis – do biologicals replace surgery? (Soyka)

**17.25** Immune dysfunction in refractory rhinosinusitis (Graham)

**18.10** Adjourn

**19.00 Course Dinner**

Transportation provided – departure directly from the course

# COURSE PROGRAM

Tuesday, June 3<sup>rd</sup> 2025

- 08.30** Dacryocystorhinostomy (Schlegel)
  - Introduction and surgical technique
- 09.00** Cadaver dissection
  - ▶ Dacryocystorhinostomy (right side of the specimen)
- 10.15** **Coffee Break**
- 10.45** Postoperative care (Hinder)
- 11.10** Spheno-ethmoidectomy (Simmen)
  - Introduction and surgical technique
- 11.40** Cadaver dissection
  - ▶ Spheno-ethmoidectomy (right side of the specimen)
  - ▶ Approach to the pituitary gland
- 12.30** **Lunch**
- 13.30** Imaging of the paranasal sinuses (Schuknecht)
  - Preoperative check list
- 14.00** Rhinoneurosurgery part I (Reisch)
  - The interdisciplinary and tailored approach concept
- 14.30** **Coffee Break**
- 15.00** Cadaver dissection
  - ▶ Infundibulotomy, partial anterior ethmoidectomy, fronto-ethmoidectomy, spheno-ethmoidectomy (left side of specimen)
  - ▶ Presentation of selected anatomical specimens by the Institute of Anatomy
- 17.00** “5 key points – personal insight” (Graham)
- 17.40** Surgery for olfaction (Briner)
- 18.00** **Adjourn**

# COURSE PROGRAM

Wednesday, June 4<sup>th</sup> 2025

- 08.30** Navigation in sinus and skull base surgery (Schlegel)
- 09.00** Extended frontal sinus surgery, frontal sinus drainage procedure (Simmen)  
■ Introduction and surgical technique
- 09.30** **Coffee Break**
- 10.00** Cadaver dissection  
▶ Fronto-ethmoidectomy with frontal sinus drainage procedure  
▶ Infundibulotomy, partial anterior ethmoidectomy, fronto-ethmoidectomy, spheno-ethmoidectomy (left side of specimen)
- 11.30** Control of bleeding (Soyka)
- 12.00** Complications of endoscopic sinus and skull base surgery (Graham)
- 12.30** **Lunch**
- 13.30** Management of CSF leaks (Briner)
- 13.50** Cadaver dissection  
▶ Fronto-spheno-ethmoidectomy, frontal sinus drainage procedure  
▶ Lateral canthotomy  
▶ Orbital decompression  
▶ Closure of CSF leaks
- 15.45** **Coffee Break**
- 16.00** The olfactory cleft – the surgeons blind spot (Landis)
- 16.20** “Secondary” chronic rhinosinusitis (Hinder)
- 16.40** Rhinoneurosurgery part II (Reisch)  
■ Extended cases
- 17.15** **Adjourn**

## SPONSORS

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Sanofi-Aventis (Schweiz) SA, Vernier (CH)

## 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**

## HOW TO GET TO THE COURSE

### **By Tram:**

Tram number **7, 9, 10** or **14** to Station **Milchbuck** or **Universität Irchel**

### **By Car:**

Parking **Universität Irchel**, Winterthurerstrasse 181, 8057 Zürich

# MAP OF THE CAMPUS

University Zurich-Irchel

Building 42 (through Building 23) **Room 42-G-53**

[Google-Map](#)

