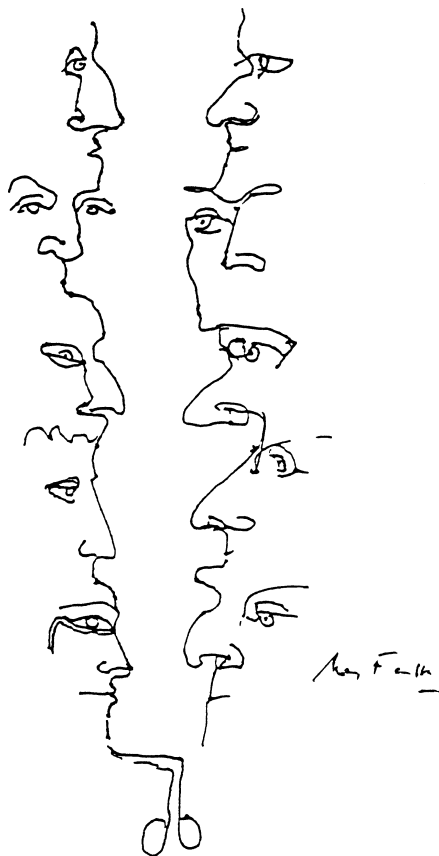


ENDONASAL MICROSURGERY OF THE PARANASAL SINUSES AND THE ANTERIOR SKULL BASE

PRACTICAL ANATOMY DISSECTION COURSE



Course Program
20th – 22nd of August, 2003
Zurich – Switzerland

Course Organization

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

in collaboration with the University of Zurich

- Institute of Anatomy (Prof. P. Groscurth)

Course Objectives

Intensive instruction and practical hands on training in endoscopic and microscopic surgical techniques for the management of paranasal sinus disease. Slide and Video presentation of each surgical step. Questions – answers and discussion with the faculty.

Course Faculty

- *Otorhinolaryngology*
HR. Briner, N. Jones, D. Simmen
- *Guest Faculty-Otorhinolaryngology*
W. Draf
- *Neuroradiology*
B. Schuknecht
- *Institute of Anatomy*
P. Groscurth, M. Manestar, W. Szarvas

Course Secretary

Fr. L. Travnicek, Fr. J. Gerber

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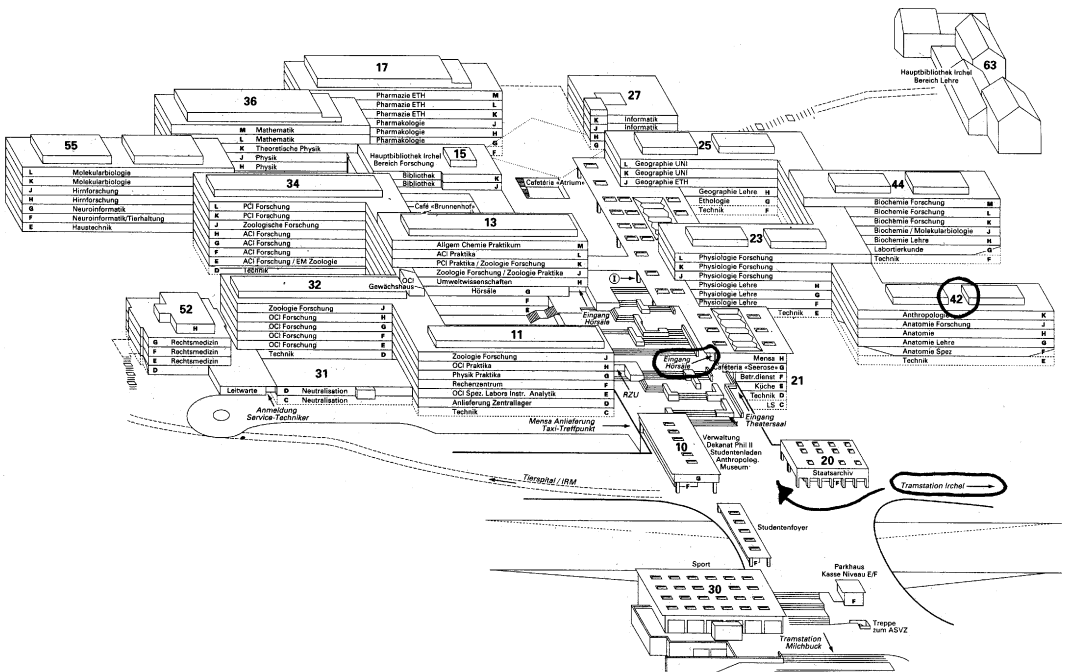
Course Location

Institute of Anatomy, University of Zurich-Irchel
 Winterthurerstrasse 190, CH-8057 Zurich
 Building 42 (through Building 23), **Room 42-G-53**
 Tel. 01 635 45 00

How to get to the course

Railway # 9 / 10 to Railway station "Uni-Irchel"
 Railway # 7 / 14 to Railway station "Milchbuck"
 Parking: Uni-Irchel

Map of University Zurich-Irchel / Campus



Endonasal Microsurgery of the Paranasal Sinuses and the Anterior Skull Base

Course Program August 20th – 22nd, 2003

Wednesday August 20th, 2003

- 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?
 - Terminology and classification of surgical procedures
- 10.15 Endoscopic Technique – Bimanual and Videocontrolled
- 10.45 **Coffee Break**
- 11.15 Cadaver dissection
Introduction of Endoscopes and Instrumentation, Nasal endoscopy
- 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!)
- 14.30 Selected specimens demonstrated by the Institute of Anatomy
- 15.00 **Coffee Break**
- 15.30 Surgical anatomy of the frontal recess
Fronto-ethmoidectomy – Introduction and surgical technique
- 16.30 Cadaver dissection
Fronto-ethmoidectomy (right side of the cadaver specimen!)
- 17.30 Indications for extended Frontal Sinus Surgery
- 18.00 Olfaction in endonasal sinus surgery

Thursday August 21st, 2003

- 08.30 Dacryocystorhinostomy –
Introduction and surgical technique
- 09.15 Cadaver dissection
Dacryocystorhinostomy
(right side of the cadaver specimen!)
- 10.15 **Coffee Break**
- 10.45 Spheno-ethmoidectomy –
Introduction and surgical technique
- 11.15 Sphenoid and Beyond
- 11.45 Cadaver dissection
Spheno-ethmoidectomy
(right side of the cadaver specimen!)
- 12.30 **Lunch – Discussion and Video Demonstration**
- 13.30 Imaging of the paranasal sinuses
• Preoperative "Check-List"
- 14.15 Pre- and postoperative management of chronic rhino-sinusitis
- 14.45 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 "Hints" in endoscopic sinus surgery
- 17.15 "Highlights" in endoscopic sinus and skull base surgery
- 19.00 **Course Dinner**

Friday August 22nd, 2003

- 08.30 Surgical anatomy of the frontal sinus
Fronto-ethmoidectomy with frontal sinus drainage procedure (FSDP)
Introduction and surgical technique
- 09.30 Cadaver dissection
*Fronto-ethmoidectomy with frontal sinus drainage procedures
(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 – Discussion and Video Demonstration**
- 13.30 Surgical management of severe epistaxis
Introduction and surgical technique
- 14.00 Endonasal tumour surgery – Endonasal medial maxillectomy
Introduction and surgical technique
- 14.45 Cadaver dissection
*Endonasal management of the sphenopalatine artery,
ligation of the ethmoidal arteries, lateral canthotomy
and cantholysis for severe orbital hemathoma
Endonasal medial maxillectomy, Anterior skull base surgery*
- 16.00 **Coffee Break**
- 16.30 Imaging of the paranasal sinuses –
• Value of CT and MRI in selected sinus diseases –
- 17.00 Navigation in Sinus and Skull Base Surgery
- 17.30 Anterior skull base surgery –
Diagnostic and therapeutic concept for cerebrospinal fluid leaks
- 18.00 Open Discussion with the faculty, **Adjourn**

Course Directors

PD Dr. Daniel Simmen, Dr. HR. Briner
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Professor Nick S. Jones MD FRCS
University Hospital, Nottingham
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Invited Guest Faculty

Prof. Dr. Wolfgang Draf
HNO-Klinik, Fulda
Deutschland

PD Dr. B. Schuknecht
Institute for Neuroradiologie
University Hospital, Zurich – Switzerland

List of participants

Atef El-Kholy	Great Britain
Andy Marshall	Great Britain
Stelios Triantos	Greece
Christine Haller	Österreich
Tim Woolford	Great Britain

Stephan Bessler	Switzerland
Andrea Bischofberger	Switzerland
Beat Blaser	Switzerland
Jan Krkoska	Switzerland
Meike Ruckstuhl	Switzerland
Thomas Uebelhart	Switzerland
Josef Vavrina	Switzerland

Layout: Hans Falk

Instruments / Sponsoring

Karl STORZ GmbH & Co, Tuttlingen (D)
J. Anklin AG, Basel (CH)
Leica AG, Heerbrugg (CH)
GMP SA, Laser, Renens (CH)
Vizualisation Technology, Hamburg (D)

ASTRA ZENECA, Zug (CH)
ABBOTT AG, Cham (CH)
Amag, Schinznach Bad (CH)
Bernies, Zürich (CH)
JOHNSON+JOHNSON, Medical (CH)
INPHARZAM, Cadempino (CH)
IBSA, Pambio (CH)
MSD, Glattbrugg (CH)
NOVARTIS CONSUMER HEALTH AG, Bern (CH)
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