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**University Medicine Essen**

University Hospital  
Department of Oto-Rhino-Laryngology,  
Head and Neck Surgery  
Germany

Start: Thursday, September 20 08:15  
End: Saturday, September 21 17:00

**Full course fee: 1.390-, Euro**  
**Resident course fee: 990-, Euro**

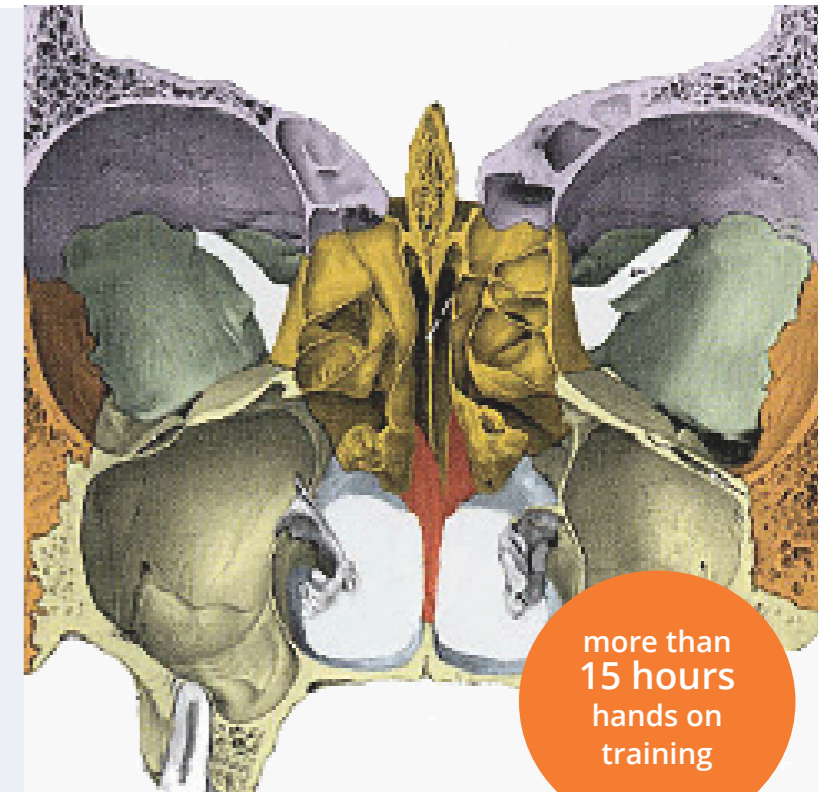
Venue: University Hospital Essen,  
Institute of Anatomy Institutsgruppe I (IG-I),  
Virchowstr. 171,  
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## 12th Interdisciplinary Endoscopic Skull Base Surgery Course

Course directors:  
Prof. Dr. S. Lang  
Prof. Dr. S. Mattheis

**September 20 - 21, 2023**

Venue: University Hospital Essen,  
Institute of Anatomy Institutsgruppe I (IG-I),  
Virchowstr. 171, 45147 Essen

In cooperation with the Institute of Anatomy  
at the University Hospital Essen  
Prof. Dr. med. Gunther Wennemuth



## Dear Colleagues!

It is our pleasure to announce the 12th Interdisciplinary Endoscopic Skull Base Surgery Course.

Skull base surgery underwent significant changes during the last decades. The increasing advancements in the fields of neurosurgery and otorhinolaryngology have challenged surgeons from both specialties to keep up with the rapid technological progress such as operations based on 4K or 3D endoscopy and robotic-assisted skull base surgery.

The skull base represents the interface of an intense interdisciplinary collaboration between otorhinolaryngology and neurosurgery. Therefore, this course focuses on the complex anatomy of the skull base and adjacent anatomical structures, i.e. sinuses and orbit, as well as surgical treatment strategies for lesions in this challenging area.

Being the highlight of this course, participants will spend 15 hours of hands-on training on cadavers. An excellent international faculty from Barcelona, Erfurt, Graz, Nottingham, Padua, Brescia and Essen will provide an intensive step-by-step teaching. Additionally, an outstanding technical support including real time navigation for all specimens, HD 3D visualization, 4K endoscopy, robotic systems as well as high speed drills will be available.

We are looking forward to welcoming you to the 12th Interdisciplinary Endoscopic Skull Base Surgery Course in Essen!

Yours sincerely

Prof. Dr. Stephan Lang

Prof. Dr. Stefan Mattheis

### Wednesday, September 20, 2023

8:00 Registration

8:15 Welcome

8:30 **Skull base anatomy**

9:00 Coffee break

*Transition to preparation rooms*

9:15 **Introduction to work stations**

#### Dissection

9:15 **Introduction 4-hand-technique**

9:45 **Sphenopalatine artery**

10:30 **Uncinate frontal sinus / Infundibulotomy**

11:15 **Ethmoidectomy**

12:00 Lunch break

#### Dissection

13:00 **Frontal sinus surgery Draf procedures**

14:30 **Transcribiform approach**

### Wednesday, September 20, 2023

15:30 Coffee break

#### Dissection

16:00 **Endoscopic orbital surgery**

**Dakryocystorhinostomy**

**Balanced orbital decompression**

**Intraconal dissection**

**Transorbital surgery**

#### Dissection

17:00 **Medial maxillectomy**

**Prelacrimal approach**

**Midfacial degloving**

18:00 **End of first day**

19:00 **Social evening**

### Thursday, September 21, 2023

8:15 Registration

#### Dissection

8:30 **Transmaxillary Surgery**

**Pterygopalatine fossa**

**Infratemporal fossa**

#### Dissection

10:30 **Transsphenoidal approach /TESPA**

11:30 **Complications and their avoidance in skull base surgery**

12:30 Lunch break

#### Dissection

13:30 **Surgery of the cavernous sinus**

15:00 **Infrasellar and transclival approach**

16:00 Coffee break

#### Dissection

16:30 **CSF leakage and skull base reconstruction**

Certificate and Adjourn