

# 11<sup>th</sup> BALTIC SEA 2019

International Hands-on Course on FULL  
HD Endoscopic Neurosurgery



August 21<sup>st</sup> – 23<sup>rd</sup>, 2019

Departments of Neurosurgery and Anatomy  
Greifswald, Germany

## INVITATION



Dear colleagues,

It is a great pleasure to invite you to our practical hands-on training course for cranial endoscopic neurosurgery in Greifswald. The course is designed for neurosurgeons who have no experience with endoscopic neurosurgery as

well as for surgeons who have already started with endoscopy and want to improve their knowledge and skills. Therefore, ample time will be provided for hands-on dissection in cadaver specimens. After a theoretical introduction to the topic, training in various neurosurgical interventions including ventricular endoscopy, endoscope-assisted skull base surgery and endonasal skull base surgery under HD-visualization will be given.

After the course participants should be able to discuss the latest advances and controversies in endoscopic and endoscope-assisted neurosurgery.

I look forward to welcoming you in Greifswald in August 2019.



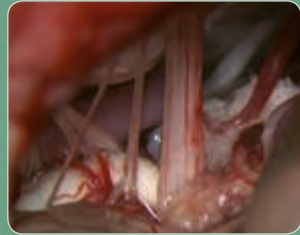
Henry W.S. Schroeder

## MAIN FEATURES OF THE COURSE

- Lectures on endoscopic anatomy, endoscopic equipment, and endoscopic as well as endoscope-assisted surgical techniques
- Video demonstration of various endoscopic techniques
- Hands-on dissection on cadaver specimens including intraventricular, subarachnoid, and endonasal approaches
- Live surgeries with pre- and postoperative discussion of the cases, analysis and importance of surgical planning for endoscopic approaches
- Written anonymous evaluation of the course
- All workstations equipped with the latest High Definition (FULL HD) technology
- 2 participants per workstation

## COURSE TOPICS

- Technical basics of neuroendoscopy and HD-visualization
- Intraventricular endoscopy
- Endonasal endoscopic pituitary surgery
- Endoscope-assisted microsurgical skull base surgery
- Live operations of intraventricular and skull base approaches



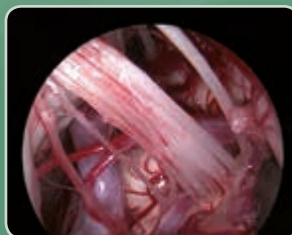
## PROGRAM

### Wednesday, 21<sup>st</sup> August 2019

- 08:00 a.m. Registration  
08:30 a.m. Welcome  
08:35 a.m. History of Neuroendoscopy  
08:50 a.m. Current technology of endoscopy and HD-visualization  
09:10 a.m. Concept of neuroendoscopy and endoscope-assisted microsurgery  
09:35 a.m. Intraventricular anatomy  
09:55 a.m. Coffee break  
10:10 a.m. **Lab I**  
Endoscopic instrumentation and set-up. Endoscopic exercises on head models  
11:40 a.m. Endoscopic third ventriculostomy  
12:10 p.m. Aqueductoplasty, stenting, and septostomy  
12:40 p.m. Intraventricular tumors  
01:10 p.m. Lunch  
02:10 p.m. Arachnoid, pineal, and parenchymal cysts  
02:40 p.m. Colloid cysts  
03:10 p.m. Coffee break  
03:25 p.m. **Lab II**  
Intraventricular endoscopy  
05:25 p.m. Demonstration of anatomic specimen  
07:30 p.m. Dinner

## Thursday, 22<sup>nd</sup> August 2019

- 08:00 a.m. Anatomy of the paranasal sinus and sellar region
- 08:20 a.m. Endonasal endoscopic skull base surgery – technique and indication
- 09:00 a.m. Live surgery: Endonasal endoscopic skull base surgery and intraventricular endoscopy and/or endoscope-assisted skull base surgery
- 10:45 a.m. Coffee break
- 11:00 a.m. Live surgery
- 01:00 p.m. Lunch
- 02:00 p.m. **Lab III**  
Endonasal endoscopic skull base approach
- 05:00 p.m. Coffee break
- 05:15 p.m. Anatomy of the suprasellar region
- 05:35 p.m. Endoscope-assisted microsurgical skull base surgery of the suprasellar region - technique and indications
- 06:05 p.m. **Lab IV**  
Endoscope-assisted skull base surgery: Supraorbital approach
- 08:00 p.m. Dinner



## Friday, 23<sup>rd</sup> August 2019

- 08:30 a.m. Anatomy of the cerebellopontine angle
- 09:00 a.m. Endoscope-assisted microsurgical skull base surgery of the CP angle – technique and indications
- 09:30 a.m. Coffee break
- 09:45 a.m. **Lab V**  
Endoscope-assisted skull base surgery: Retrosigmoid approach
- 11:45 p.m. Complications and avoidance
- 12:00 p.m. Lunch
- 01:00 p.m. Case discussions
- 02:15 p.m. Closing remarks
- 02:30 p.m. End of the course

## COURSE DIRECTOR

Henry W.S. Schroeder, M.D., Ph.D.,  
Department of Neurosurgery  
University Medicine Greifswald, Greifswald

## SPECIAL GUESTS

Chandrashekar Deopujari, M.D., Ph.D.,  
Department of Neurosurgery  
Bombay Hospital (Institute of Medical  
Science), Mumbai, India

Samer Elbaaba, M.D.,  
Department of Pediatric Neurosurgery  
Arnold Palmer Hospital for Children  
Orlando, FL, USA

Amr K. Elsamman, M.D., Ph.D.  
Department of Neurosurgery  
Cairo University

Robert Reisch, M.D., Ph.D.,  
Zentrum für endoskopische und  
minimalinvasive Neurochirurgie  
Klinik Hirslanden, Zürich, Switzerland

## FACULTY

Jörg Baldauf, M.D., Ph.D.,  
Department of Neurosurgery,  
University Greifswald

Steffen Fleck, M.D., P.D.,  
Department of Neurosurgery,  
University Greifswald

Ehab El Refaei M.D.,  
Department of Neurosurgery,  
University Greifswald

Michael Fritsch, M.D., Ph.D.,  
Department of Neurosurgery,  
Neubrandenburg

Thomas Koppe, M.D., Ph.D.,  
Institute of Anatomy,  
University Greifswald

Bärbel Mieke, M.D.,  
Institute of Anatomy,  
University Greifswald

## Course Location

Institute of Anatomy  
Fr.-Loeffler-Str. 23  
17475 Greifswald,  
Germany

# REGISTRATION

## 11<sup>th</sup> Baltic Sea 2019

### International Hands-on Course on Cranial Endoscopic Neurosurgery Greifswald, Germany, August 21<sup>st</sup> – 23<sup>rd</sup>, 2019

A maximum of 30 participants will be enrolled.

Requests for admission must be sent to the organizing secretary by fax or e-mail.

Participants will be accepted on a first come, first served basis. Accepted participants will receive a confirmation from the organizing secretary.

Final confirmation of participation will be sent only after receiving the full payment.

Registration Deadline: 1<sup>st</sup> June 2019

Name:

Degree:

Institute/Department/Mail address:

City/Postal code:

Country:

Phone:

Fax:

E-Mail:

Register via e-mail or fill out and fax this form to:

Elke Rösel

Department of Neurosurgery • University Medicine Greifswald

Sauerbruchstraße • 17475 Greifswald • Germany

E-Mail: [Elke.Roesel@uni-greifswald.de](mailto:Elke.Roesel@uni-greifswald.de) • Fax: +49 3834 86-6164

#### Course fee

1,540 Euros (incl. VAT). The course fee includes

- auditorium facilities
- course material
- all meals incl. coffee breaks, lunch, dinner
- 3 nights hotel accommodation (August 20<sup>th</sup> - 23<sup>rd</sup>)
- hands-on dissection on cadaver specimens.

Please transfer the participation fee after receipt of the confirmation within 14 days to the following account:

Account holder:

Universitätsmedizin Greifswald

Recipient Bank Name:

Sparkasse Vorpommern Greifswald

Account No. 23 000 54 54

Bank code number: 150 505 00

Reference:

Baltic Sea 2019/DS17009000 –

name of participant

IBAN: DE 46 150 505 000 23 000 54 54

SWIFT: NOLADE21GRW

#### Cancellation terms

In case of written cancellation before 1<sup>st</sup> June 2019 the amount will be refunded less 100 Euros for administrative expenses. Later refunds will not be possible.





Ivory puzzle ball containing 25 balls, freely rotatable, China, 19th century, German Ivory Museum Erbach

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## ORGANIZATION

Prof. Henry W.S. Schroeder  
University Medicine Greifswald  
Department of Neurosurgery  
Sauerbruchstraße  
17475 Greifswald  
Germany

## KINDLY SUPPORTED BY



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**UNDER THE AUSPICES OF THE INTERNATIONAL  
FEDERATION OF NEUROENDOSCOPY AND THE  
NEUROENDOSCOPY COMMITTEE OF THE WORLD  
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