


## INFORMATION

CME education points have been requested for this course from the Trier Regional Medical Council.  
Participants in last year's course were awarded **33 CME points**.

  
Krankenhaus der  
Barmherzigen Brüder Trier

19<sup>th</sup> Hands-On Workshop  
Endoscopic Transnasal Approaches to  
the Skull Base  
TRIER | 29 – 31 March 2017

REPLY CARD

Krankenhaus der Barmherzigen Brüder Trier  
Abteilung für Neurochirurgie  
Nordallee 1  
D-54292 Trier  
Germany



### Course Director

#### M. Bettag

Department of Neurosurgery, Barmherzige Brüder Hospital Trier

### Faculty

#### M. Ackermann

Institute for Anatomy & Cell Biology, University of Mainz, Mainz

#### C. Busert

Neurosurgeon, Zitha-Klinik Luxembourg, Luxembourg

#### M. Mehlitz

Department of Neurosurgery, Barmherzige Brüder Hospital Trier

### Special Guests

#### R. Bhalla

Department of Otolaryngology, Head and Neck Surgery,  
Manchester Royal Infirmary and Tameside Hospital, UK

#### A. Grotenhuis

Department of Neurosurgery,  
Nijmegen University Hospital, Netherlands

#### R. Reisch

Center of Endoscopic and Minimally Invasive Neurosurgery,  
Hirslanden Hospital, Switzerland

### Course Fee

The course fee is **€ 1.000,-**

Included in the course fee are the scientific presentations, the hands-on dissection, the live surgeries, coffee breaks, lunch, dinner and an accompanying DVD.

Fee for accompanying person **€ 150,-**  
(including dinner and guided city tour).

### Accommodation

Participants are requested to organize their hotel stay themselves.

A limited number of visitor's rooms are available in the Barmherzige Brüder hospital. A list of hotels in Trier will be sent to you with the confirmation of registration.

Further information can be obtained from the tourist information office in Trier which is located at Simeonstrasse 60, 54290 Trier, in the city centre.

**Phone +49 (0)651 97808-0 · Fax +49 (0)651 97808-88**

Airports close to Trier are in Luxembourg (30 min by car), Frankfurt and Cologne (2h by car).

### Historical Trier

#### Porta Nigra

If you have just arrived in Trier, the Porta Nigra is the best place to begin a tour of the city. It is the best preserved Roman city gate north of the Alps – an unparalleled connection between the ancient past and the modern city.

Kindly supported by

  
KARL STORZ – ENDOSKOPE

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**Krankenhaus der  
Barmherzigen Brüder Trier**

Nordallee 1 · 54292 Trier  
Telefon 0651 208-0  
[www.bk-trier.de](http://www.bk-trier.de)



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Mit Kompetenz und Nächstenliebe  
im Dienst für die Menschen:  
Die Krankenhäuser und Sozial-  
einrichtungen der BBT-Gruppe

## INVITATION



TRIER | 29 – 31 March 2017

# 19<sup>th</sup> Hands-On Workshop

**Endoscopic  
Transnasal Approaches  
to the Skull Base**

International Guest Faculty:  
R. Bhalla · A. Grotenhuis · R. Reisch

At the Barmherzige Brüder Hospital Trier, Germany  
Department of Neurosurgery



**Krankenhaus der  
Barmherzigen Brüder Trier**

## INVITATION



Prof. Dr. med. Martin Bettag

### Dear Colleagues,

this workshop is designed for neurosurgeons, ENT surgeons and maxillofacial surgeons with an interest in endoscopic transnasal skull base surgery.

Our education offerings feature didactic lectures, video clips, live surgical cases and case discussions as well as hands-on dissections on fresh frozen human specimens.

There will be 2 attendees per specimen so that everybody learns to do and assist each step of the procedure. The stands will be provided with HD-endoscopy and image-guided navigation.

Throughout the workshop, you will be guided by a team of specialists from the fields of anatomy, neurosurgery and ENT.

Trier, located in a beautiful landscape and being the oldest town in Germany, is the venue of the workshop.

I am looking forward to welcoming you in Trier!

**Martin Bettag**

Course Director

## PROGRAM

### Wednesday · 29<sup>th</sup> March 2017

- 09:00 **Welcome**
- 09:15 **Lectures**
- Anatomy
  - Principles of the approach
  - Indications and limits
  - Skull base and dural reconstruction
  - Technical equipment
- 12:00 **Lunch**
- 13:00 **Hands-on Dissection**
- Paranasal sinuses
  - Nasoseptal flap
  - The transnasal transsphenoidal approach to the sella
  - The transtuberculum/transplanum approach
- 18:00 **End of day 1**

### Thursday · 30<sup>th</sup> March 2017

- 08:30 **Lectures**
- Extended skull base surgery
  - Craniopharyngioma
  - Cavernous sinus tumors
  - Clival chordomas
  - Meningiomas
- 12:00 **Lunch**
- 13:00 **Hands-on Dissection**
- Transethmoid approach
  - Cavernous sinus approach
  - Transclival approach
  - Transpterygoid approach
- 18:00 **End of day 2**
- 19:30 **Dinner**

### Friday · 31<sup>st</sup> March 2017

- 08:30 **Live Surgery**
- 11:00 **Lectures**
- Complications
  - Future development and perspective
- 12:00 **Video session**
- 13:00 **Certificate and adjourn**

## EVENT

### 19<sup>th</sup> Hands-On Workshop Endoscopic Transnasal Approaches to the Skull Base

#### Location

**Barmherzige Brüder Hospital Trier**  
Nordallee 1 · D-54292 Trier · Germany

#### Date

**29 – 31 March 2017**

#### Registration

Please use our online registration form at <http://endoworkshop.bk-trier.de> or send the enclosed registration card to the address below. The course is limited to 24 participants.

Participants will be accepted on a first come, first served basis. Those who have been accepted will receive a confirmation containing our bank details so that the course fee can be transferred.

Please note that registration to attend the course will only be binding on receipt of confirmation from us and once the course fee has been transferred.

#### Registration deadline

**1<sup>st</sup> March 2017**

#### Information · Organisation

##### M. Bettag

Professor and Head of the Department of Neurosurgery  
Barmherzige Brüder Hospital  
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## REGISTRATION

### 19<sup>th</sup> Hands-On Workshop Endoscopic Transnasal Approaches to the Skull Base

29 – 31 March 2017

I wish to participate in the 19<sup>th</sup> Workshop on Endoscopic Transnasal Approaches to the Skull Base

<input type="checkbox"/> Mr		<input type="checkbox"/> Mrs		<input type="checkbox"/> MD, PhD		<input type="checkbox"/> MD		<input type="checkbox"/> Neurosurgery		<input type="checkbox"/> ENT		<input type="checkbox"/> Other		<input type="checkbox"/> Beginner		<input type="checkbox"/> Intermediate (4-7 years of experience)		<input type="checkbox"/> Experienced (>7 years of experience)		<input type="text"/>	
Last Name		First Name		Institution		Institutional Address		City Postal Code		Country		Phone Number		E-mail		Date		Signature		<input type="text"/>	