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# NEW GENERATION NEUROENDOSCOPY ADVANCED HANDS-ON DISSECTION COURSE

JUNE 19 - 22, 2016 BUDAPEST / DEBRECEN

under the auspices of the WFNS



# ENDOMIN NEW GENERATION NEUROENDOSCOPY ADVANCED HANDS-ON DISSECTION COURSE

## COURSE DIRECTORS



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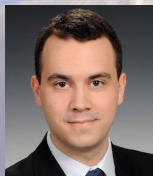
## FACULTY



Charles Teo, MD  
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Sydney, Australia



László Novák, MD  
Neurosurgeon  
Debrecen/Hungary



Marton Eördögh, MD  
Resident Neurosurgery  
Hannover/Germany

The ENDOMIN College team is pleased to announce this new generation dissection course on advanced endoscopic and minimally invasive neurosurgery which is dedicated to neurosurgeons with basic experience in using endoscopes for standard indications and interest in endoscopic and minimally invasive solutions for complex cases. Didactically presented solutions will be simulated during extensive hands-on dissections and observed during transmitted live-surgeries from distinct international experts. This and many practical hints will improve your endoscopic skills, shorten your learning curve and avoid unnecessary complications.

Having past this course you will be able to discuss latest technical and clinical advances in endoscopic & minimally invasive neurosurgery and use endoscopes for advanced indications in cranial neurosurgery.

We are sure, that this will be a very exciting training course for you.

## ORGANIZATION



Bianca Weimert  
COO ENDOMIN-College GmbH  
Stuttgart/Germany

## COURSE OBJECTIVES & HIGHLIGHTS

This event is offered in two complementary parts, which can be booked separately as well as in combination.

**Part I** is a low-cost theoretical event, hosted in Hungary's legendary capital Budapest. International experts will present lectures on endoscopic and minimally invasive techniques in brain-, skull base and vascular neurosurgery as well as endoscopic ventricular and transnasal surgery.

**Part II** is hosted in the charming city Debrecen within the Hungarian "Puszta". Here, a restricted number of participants will experience extensive hands-on dissections on fresh human specimens and watch life-surgeries with detailed case discussions. Working on fresh human specimens is a world-wide unique opportunity and an unforgettable experience, particularly offered for advanced users.

Having past this course you will be able to discuss latest technical and clinical advances in endoscopic & minimally invasive neurosurgery and use endoscopes for advanced indications in cranial neurosurgery. We are sure, that this will be a very exciting training course for you.

## COURSE FEE

- **200 €** Course fee **Part I**: June 19, 2015 (Budapest)  
the course fee includes the course, coffee breaks and lunch during course, hand-out
- **1.990 €** Course fee **Part I + II**: June 19 - 22, 2016 (Budapest / Debrecen)  
the course fee includes the hotel from June 18-22,2016 (4 nights), the course, course dinner, coffee breaks and lunch during course, hand-out, transportation from Budapest to Debrecen and back, daily transportation to the pathology/hospital and back
- **100 €** Accompanying person (course dinners)

## VENUE

### PART I

Hotel Zenit  
Budapest Palace  
Apáczai Csere János Utca 7  
1052 Budapest

### PART II

Dpt. of Pathology  
University Hospital  
Nagyerdei Krt. 98.  
4032 Debrecen

Neurosurgical Dpt.  
University Hospital  
Móricz Zs. Krt. 22.  
4032 Debrecen



## PROGRAM

### Saturday, June 18, 2016 (Budapest, Hotel Zenit)

6:00pm Come-together in the Hotel Zenit  
7:00pm Guided city-tour through Budapest

### Sunday, June 19, 2016 (Budapest, Hotel Zenit)

8:30am Minimally invasive cranial neurosurgery - concept and technique  
9:30am Endoscope-assisted surgery of brain tumors  
10:30am Endoscope-assisted surgery of complex skull base & vascular lesions  
11:00am *Coffee break*  
11:30am Advanced ventricular endoscopy – concept and technique  
12:00pm Hydrocephalus  
12:30pm Intraventricular cysts and tumors  
1:00pm *Lunch*  
2:00pm Transnasal endoscopy – concept and technique  
2:30pm Pituitary adenomas  
3:00pm *Coffee break*  
3:30pm Extended transnasal surgery  
4:00pm Lesions of the skull base – transcranial or transnasal?  
  
5:00pm Transport from Budapest to Debrecen  
9:00pm Dinner in the Hotel

### Monday, June 20, 2016 (Debrecen, Dpt. of Pathology)

8:30am Endoscopic anatomy of the ventricular system  
9:00am **Lab I – Ventricular endoscopy**  
11:00am *Coffee break*  
11:30am Endoscopic anatomy of the anterior fossa  
12:00pm Keyhole approaches to the anterior fossa  
12:30pm *Lunch*  
1:30pm **Lab II – the supraorbital keyhole**

## PROGRAM

3:00pm *Coffee break*  
3:30pm **Lab III – the pterional keyhole**  
5:00pm Closing remarks  
  
7:00pm Dinner in the Hungarian Puszta

### Tuesday, June 21, 2016 (Debrecen, Dpt. of Pathology)

8:30am Endoscopic 3D anatomy of the posterior fossa  
9:00am Keyhole approaches to the posterior fossa  
9:30am **Lab IV – retrosigmoidal keyhole**  
11:00am *Coffee break*  
11:30am **Lab V – supracerebellar keyhole**  
12:30pm *Lunch*  
1:30pm Endoscopic transnasal anatomy  
2:00pm Tailored transnasal endoscopic approaches  
2:30pm **Lab VI – transnasal approach**  
4:00pm *Coffee break*  
4:30pm **Lab VII – extended transnasal dissection**  
6:00pm Closing remarks of the day

### Wednesday, June 22, 2016 (Debrecen, Neurosurgical Dpt.)

8:30am Live surgery  
12:00pm *Lunch*  
1:00pm Live surgery  
  
4:00pm Closing remarks of the course