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**NEW GENERATION NEUROSURGERY  
HANDS-ON DISSECTION  
COURSE MINIMALLY INVASIVE  
NEUROSURGERY**

**DECEMBER 08 - 11, 2024 BUDAPEST / DEBRECEN**

under the auspices of the WFNS



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# HANDS-ON DISSECTION COURSE MINIMALLY INVASIVE NEUROSURGERY

## COURSE DIRECTORS



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The ENDOMIN College team is pleased to announce the resumption of the hands-on activities with this new generation dissection course on advanced minimally invasive Neurosurgery. The course is dedicated to Neurosurgeons with interest in minimally invasive Neurosurgery. Basic experience in minimally invasive techniques is of help but not required. 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 skills, shorten your learning curve and avoid unnecessary complications in performing minimally invasive Neurosurgery.

Having past this course you will be able to discuss latest technical and clinical advances in minimally invasive neurosurgery and use these techniques for a variety of indications in cranial and transnasal neurosurgery. We are sure, that this will be a very exciting training course for you.

## ON SITE SUPPORT



Nese Atilla-Hopf  
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 experienced users.

## COURSE FEE

- **300 €** Course fee **Part I**: December 08, 2024 (Budapest)  
the course fee includes the course, coffee breaks and lunch during course, hand-out
- **1.990 €** Course fee **Part I + II**: December 08 - 11, 2024 (Budapest / Debrecen)  
the course fee includes the hotel from December 07 - 11, 2024 (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
- **300 €** Accompanying person (all course dinners and city tour)

## 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, December 07, 2024** (Budapest, Hotel Zenit)

Arrival and Check-in at the Hotel

**Sunday, December 08, 2024** (Budapest, Hotel Zenit)

8:30am Minimally invasive cranial neurosurgery - concept and technique  
9:30am Minimally invasive Neurosurgery for brain tumors  
10:30am Minimally invasive Neurosurgery for complex skull base & vascular lesions  
11:00am *Coffee break*  
11:30am Advanced ventricular Neurosurgery – concept and technique  
12:00pm Hydrocephalus  
12:30pm Intraventricular cysts and tumors  
1:00pm *Lunch*  
2:00pm Transnasal Neurosurgery – 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, December 09, 2024** (Debrecen, Dpt. of Pathology)

8:30am 3D-anatomy of the ventricular system  
9:00am Lab I – Ventricular Neurosurgery  
11:00am *Coffee break*  
11:30am 3D-anatomy of the anterior fossa  
12:00pm Keyhole approaches to the anterior fossa  
12:30pm *Lunch*  
1:30pm Lab II – the supraorbital keyhole

3:00pm *Coffee break*

## PROGRAM

3:30pm Lab III – the pterional keyhole  
5:00pm Closing remarks

7:00pm Dinner in the Hungarian Puszta

**Tuesday, December 10, 2024** (Debrecen, Dpt. of Pathology)

8:30am 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 3D-anatomy of the nose  
2:00pm Tailored transnasal approaches & reconstruction of the skull base  
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, December 11, 2024** (Debrecen, Neurosurgical Dpt.)

8:30am Live surgery  
12:00pm *Lunch*  
1:00pm Live surgery

4:00pm Closing remarks of the course