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Neuro
Chirurgicum
ZENTRUM FÜR ENDOSKOPISCHE
MINIMAL INVASIVE NEUROLOGIE

under the auspices of the WFNS



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NEW GENERATION NEUROENDOSCOPY ADVANCED HANDS-ON DISSECTION COURSE

JULY 01 - 05, 2017 BUDAPEST / DEBRECEN

3D Endoscopy

ENDOMIN NEW GENERATION NEUROENDOSCOPY ADVANCED HANDS-ON DISSECTION COURSE

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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 "Pusztá". 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**: July 02, 2017 (Budapest)
the course fee includes the course, coffee breaks and lunch during course, hand-out
- **2.190 €** Course fee **Part I + II**: July 02 - 05, 2017 (Budapest / Debrecen)
the course fee includes the hotel from July 01 - 05, 2017 (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
- **150 €** Accompanying person (all course dinners)

VENUE

PART I

Hotel Zenit
Budapest Palace
Apáczai Csere János Utca 7
1052 Budapest

PART II

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

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

PROGRAM

Saturday, July 01, 2017 (Budapest, Hotel Zenit)

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

Sunday, July 02, 2017 (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, July 03, 2017 (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, July 04, 2017 (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, July 05, 2017 (Debrecen, Neurosurgical Dpt.)

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

4:00pm Closing remarks of the course