



LIMITED NUMBER OF PARTICIPANTS! Register early!

Dear colleagues,

It's my pleasure to invite you to participate in our 16th International Workshop on Endoscopic Neurosurgery held in Ghent, Belgium, 13-14-15 and 16 May, 2012.

THE CAEMAERT WOLF ENDOSCOPE

We have been active in the field of endoscopic neurosurgery since 1986, when we designed and developed the Caemaert Wolf Endoscope. During seven years we have been modifying the original concept and came after 5 prototypes to the actual instrument. A large number of working instruments was also developed for use through the working channels of the endoscope. From 1993, we presented the endoscope and the results on many international congresses and workshops all over the world and the instrument is widely accepted as a dedicated very well functioning neuro-endoscope. During the past 15 years, we organized 15 hands-on workshops in endoscopic neurosurgery. We had the honour to welcome a wide variety of nationalities in my workshop. We had participants from 62 different countries and 382 cities all over the world. Some time ago, we produced a DVD as a digital users' manual of the neuroendoscope, containing a detailed description of the endoscope, its application in the theatre and a number of typical indications illustrated by video. You will receive a free copy of the DVD at the workshop.

WORKSHOP MAY 2012

With our workshop in May 2012, we want to offer to each participant a hands-on training in the application of endoscopic instruments for a broad spectrum of indications. There will be interactive teaching videos and discussion on operative techniques. We will demonstrate the organisation of the operation theatre and the role of the scrub nurse. During the course there will be practice on phantoms and anesthetized rats with full equipment of all instruments, video, bipolar coagulation and laser. There will be a complete installation per two participants.

The social program embraces the city of Ghent by highlighting the best it has to offer. Nowhere else you will find so much history per square metre in a pedestrian historical city centre. A city embedded in the Middle Ages when Ghent was, next to Paris, the second largest town north of the Alps. Here pounds the young heart of a dazzling city of culture full of music, theatre, film and visual arts.

Ghent is a city where cultural perspectives are constantly renewed and enlarged, where culture is a feast and where feasting is a form of culture. And also let's not forget the people, for they undoubtedly add to the unique atmosphere in our sparkling city of culture.

I must proudly say that it was for good reason that Ghent was recently voted third most authentic historical city center worldwide.

Looking forward to welcome you in Ghent,

Best regards,

Prof. Dr. J. Caemaert

Prof. Dr. J. Caemaert

GHENT UNIVERSITY HOSPITAL

Department of Neurosurgery 4K12E

De Pintelaan 185 - 9000 GENT - BELGIUM

16th EDITION - INTERNATIONAL ENDOSCOPIC NEUROSURGERY WORKSHOP

13, 14, 15 and 16 May 2012, Ghent, Belgium - training course for neurosurgeons and neurosurgical nurses

MONDAY 14-05-2012	TUESDAY 15-05-2012	WEDNESDAY 16-05-2012
<p>09:00 - 09:15 AM Introduction.</p> <p>09:15 - 09:45 AM Indications (TS).</p> <p>09:45 - 10:15 AM History (TS)</p> <p>10:15 - 10:45 AM Instrumentation and techniques</p> <p>10:45 - 11:15 AM Anatomy (TS)</p> <p>11:15 - 11:30 AM Coffee break</p> <p>11:30 - 12:00 AM Endoscopy-assisted microsurgery or exoscopy. Current strategies. Importance of light and sight in microneurosurgery (TS)</p> <p>12:00 - 12:30 PM Video demonstration and discussion: "Intra- and paraventricular cysts".</p> <p>12:30 - 13:00 PM Endoscopy assisted microsurgery in aneurysms, suprasellar tumors and pituitary adenoma</p> <p>13:00 - 14:00 PM Lunch</p> <p>14:00 - 16:00 PM Demonstrations and hands-on training on phantoms with the instruments for rigid endoscopy.</p> <p>16:00 - 16:15 PM Coffee break</p> <p>16:15 - 16:45 PM Video demonstration/discussion concerning hydrocephalus: Third ventriculostomy and aqueduct obstruction.</p> <p>16:45 - 17:15 PM Anatomical variants and complications in hydrocephalus.</p> <p>17:15 - 18:00 PM ICP monitoring during endoscopic procedures.</p> <p>18:00 PM End of sessions.</p>	<p>08:30 - 10:30 AM Demonstration of cadaver head dissection for Endoscopy Assisted Microsurgery and current approaches for endoscopy.</p> <p>10:30 - 10:45 AM Coffee break</p> <p>10:45 - 13:00 PM Endoscopic operations on anesthetized rats (abdomen) as a valuable (bleeding) model of membranes and parenchyma.</p> <p>13:00 - 14:00 PM Lunch</p> <p>14:00 - 15:00 PM Video demonstration of technical problems and pitfalls in endoscopic neurosurgery and in endoscopy assisted microsurgery.</p> <p>15:00 - 15:30 PM Intraoperative ICP monitoring in endoscopic neurosurgery</p> <p>15:30 - 16:30 PM Commented case reports on endoscopic techniques.</p> <p>16:30 - 17:45 PM Free time.</p> <p>18:00 - 18:15 PM Departure bus to the town centre of Ghent.</p> <p>18:30 - 20:00 PM Historical excursion by boat with English speaking guide through the Medieval centre of Ghent.</p> <p>20:00 PM - 22:00 PM Dinner at a unique Medieval location in the heart of the city.</p>	<p>08:30 AM - 10:00 AM Video demonstration and discussion concerning tumor biopsy and removal.</p> <p>10:00 AM - 10:30 AM - ICP monitoring in endoscopic neurosurgery: in vitro study - Steerable Instruments</p> <p>10:30 AM - 11:00 AM Coffee break</p> <p>11:00 AM - 13:00 PM Video demonstration and discussion on different indications and techniques. Presentation of cases by course participants.</p> <p>13:00 PM - 14:30 PM Lunch</p> <p>14:30 PM - 16:00 PM Sample videos and discussion on ventricular endoscopy. Presentation of cases by course participants.</p> <p>16:00 PM - 16:30 PM Evaluation of the course. Conclusion and final discussion.</p> <p>16:30 PM After handing in your evaluation form you will receive a certificate of attendance and DVD from the course secretary.</p>

MEET ONE OF THE CO-TEACHERS



Prof. Dr. J. Grotenhuis is a full clinical professor. He is author of 77 peer-reviewed articles, 23 book chapters and 2 (single-authored) books on endoscopic neurosurgery. He gave more than 250 international lectures (more than 100 as invited lecture). He is chairman of the EANS Postgraduate Education Committee, member of the EANS Training Committee, second national delegate to the WFNS, ...).

SOCIAL PROGRAMME

HISTORICAL BOATEXCURSION - ENGLISH GUIDE - 90 MIN

The boattrip is an enthralling historical passage through medieval Ghent, admiring its wide range of monuments:

- old guildhalls built by bargees, bricklayers, fishmongers and marksmen of the hagbut association;
- impressive castles such as the "Counts Castle" and the "Prince's Court", birthplace of Charles V;
- the old Fishmarket facing the even older Meat Hall;
- the more than solid 13th century Monasteries previously inhabited by Augustinians and Dominicans;
- the Ancient Port of Ghent along with its mercantile houses;



▶ Boattrip trough medieval Ghent ▶ View of the boat on Counts castle

GASTRONOMIC DINER ON AN EXCLUSIVE LOCATION

After the boattrip you can join us for a gastronomic diner in the "Gravensteen". The Gravensteen is a castle in Ghent (see picture below) that originates from the Middle Ages. The name means "castle of the counts" in Dutch. The castle was built in 1180 by count Philip of Alsace and was modeled after the crusaders castles that Philip of Alsace encountered while he participated in the second crusade. The castle served as the seat of the Counts of Flanders until they abandoned it in the 14th century. The castle was then used as a courthouse and prison. Inside you can find a museum with various torture devices and a guillotine that were historically used in Ghent.

Our organisation was granted exceptionally the honour to organize the gastronomic diner on this breathtaking location.



▶ Banquet on a unique location with view on the medieval Ghent



▶ Image of the banquet on the 14th edition of the workshop

REGISTRATION

You can registrate online on our website (<http://www.neuroendoscopy.org>) or by sending an e-mail to the course secretary with the request to registrate for the workshop in 2012: ilse.noterman@uzgent.be

The registration fee (**neurosurgeon**: 1500 euro, **resident/trainee**: 1250 euro, **operating nurse**: 750 euro) includes:

- Endoscopic training (all sessions)
- Hotel accommodation in the Holiday Inn Express hotel for 3 nights (13, 14, 15 May 2012)
- Welcome reception on Sunday-evening (13 May 2012)
- Social programme on Tuesday-evening (15 May 2012)
- All meals (breakfast, lunch, dinner and coffee breaks)
- DVD Endoscopic Neurosurgery (author: prof. Dr. J. Caemaert)

Payment of the registration fee must be made by transferring the amount to the scientific account of the Ghent University Hospital. In the confirmation of your registration, you will also receive the payment information.

COURSE VENUE - HOLIDAY INN HOTEL

In an effort to help our participants from around the globe making their travelplans and stay easy, we have provided accommodation in the Holiday Inn Express hotel, the official course venue of this workshop. The Holiday Inn Express Hotel is only a couple of minutes away by car from the medieval Ghent city centre, this hotel is "the base" for exploring the Flanders regio during your free time. Major cities such as our capital city Brussels or the major cities Brugge and Antwerp are within 35 minutes drive of this hotel.

Do you want to cherish this unforgettable journey with an accompanying person (non-neurosurgeon)?

- double room for you and the accompanying person: no expenses for upgrading your single room to a double room (3th person: 25 euro)
- social program for the accompanying person: 100 euro (per person)
- free breakfast for the accompanying person
- lunch for the accompanying person: 34 euro per lunch

Like to stay an extra night in the hotel?

Do you want to explore other famous cities in Belgium like Brussels, Brugge, Antwerp,...? The Holiday Inn Express hotel is the ideal location, there are all under 35 minutes drive away from the hotel.

Fore more information, contact course secretary: ilse.noterman@uzgent.be



▶ Meeting room in the Hotel (venue theoretical sessions)



▶ Image of the Holiday Inn Express hotel (course venue)

16th EDITION INTERNATIONAL ENDOSCOPIC NEUROSURGERY WORKSHOP

13, 14, 15 and 16 May 2012, Ghent, Belgium

Course organizer: prof. Dr. J. Caemaert

Co-teacher: prof. Dr. J. Grotenhuis

