29th International Course on

ENDOSCOPIC SURGERY OF THE PARANASAL SINUSES & SKULL BASE

Ghent (Belgium)
23-26 August 2017

INTERNATIONAL FACULTY

Claus Bachert (Ghent, Belgium)
Manuel Bernal-Sprekelsen (Barcelona, Spain)
Philippe Gevaert (Ghent, Belgium)
Werner Hosemann (Greifswald, Germany)
Bradley Marple (Dallas, USA)
Par Stjärne (Stockholm, Sweden)
Thibaut Van Zele (Ghent, Belgium)
James Zinreich (Baltimore, USA)

Preliminary Programme
GENERAL INFORMATION

Addresses

- Lectures: Ghent University Hospital Campus - Auditorium C
  De Pintelaan 185, 9000 Ghent
- Hands-on Cadaver: Wet Laboratory (PAD) – Ghent University Hospital Campus – Department Anatomy
  De Pintelaan 185, 9000 Ghent

Transportation: Shuttle Service

A shuttle service from the inner city of Ghent to and from the Ghent University Hospital Campus is foreseen.

The bus will be waiting in the street called “Poel” (located on walking distance from recommended hotels).

Departure times:

- Wednesday, 23 August: 10h10 to Ghent University Hospital – 19h15 to “Poel”
- Thursday, 24 August: 08h00 to Ghent University Hospital – 18h00 to “Poel”
- Friday, 25 August: 07h30 to Wet Laboratory – 18h30 to “Poel”
- Saturday, 26 August: 07h45 to Wet Laboratory – 14h00 to “Poel”

Transportation from and to the airport is not foreseen.

Lunches and Coffee Breaks

Lunches (no pork) and Coffee Breaks (in the morning and afternoon) will be served.

Social Program

Open for course delegates and registered accompanying persons.

- **Wednesday 23 August:** Reception (18h15-19h15)
  Ghent University Hospital Campus
- **Friday 25 August:** Banquet (20h15-22h30)
  Handelsbeurs (Kouter 29, 9000 Ghent)
From City of Ghent to Ghent University Hospital - take tram 4

Ghent University Hospital

Entrance by car

Tram Station

Theoretical Sessions Auditorium C

Hands-on Cadaver Sessions PAD

From City of Ghent to Ghent University Hospital - take tram 4

Ghent University Hospital

Entrance by car

Tram Station

Theoretical Sessions Auditorium C

Hands-on Cadaver Sessions PAD
Language of the course is English.

**WEDNESDAY**  
**AUGUST 23**  
**2017**

10.10  Bus departure from the “Poel”

10.30  Registration
11.00  Welcome address  
* Bachert C.

### Anatomy and Imaging

11.10  Changing paradigms in sinus disease: Why do endotypes of CRS matter?  
* Bachert C.

11.30  Clinical and surgical anatomy of the sinuses  
* Hosemann W.

12.20  Radiographic anatomy of the sinuses  
* Zinreich J.

13.00  Lunch

### Understanding pathology

14.00  Definitions, differential diagnosis and management of sinusitis in adults and children – medical treatment and indications for surgery  
* Gevaert P.

14.40  Radiographic pathology of nose and sinuses  
* Zinreich J.

15.20  Understanding inflammation in chronic rhinosinusitis and nasal polyps, new therapeutic approaches  
* Bachert C.

16.00  Coffee break
Approaches in FESS

16.30 Approaches in FESS - Basic principles of functional sinus surgery
Marple B.

17.10 Evidence in FESS
Hosemann W.

17.45 What kind of sinus surgery when? From 'minimally invasive' to 'Reboot the mucosa' approaches to salvage surgery
Bachert C.

Social program

18.15 Reception

19.15 Bus departure from the “UZ Ghent”
08.00  Bus departure from the “Poel”

**Focus on frontal and sphenoid sinus**

08.30  Imaging the landmarks for FESS (preoperative interpretation of imaging)  
*Zinreich J.*

09.00  Frontal sinus anatomy, approaches from DRAF I, II, to III  
*Marple B.*

10.00  Panel discussion on frontal sinus surgery, cases

10.30  Coffee break

11.00  The sphenoid sinus: anatomy, diseases and approaches  
*Marple B.*

11.30  Fungal disease of the sinuses: from fungal ball to invasive fungal disease  
*Marple B.*

12.00  Revision surgery: what to do, and how to avoid it?  
*Bernal-Sprekelsen M.*

12.30  Complications and how to avoid them  
*Hosemann W.*

13.00  Lunch

**The sinuses and beyond**

14.00  Endoscopic dacryocystorhinostomy (DCR)  
*Bernal-Sprekelsen M.*

14.30  Principles of orbital/optic nerve decompression  
*Marple B.*

14.50  Management of epistaxis  
*Van Zele T.*

15.10  Management of CSF-leaks  
*Marple B.*
The sinuses in children

15.30 Sinus surgery in children (complications of acute rhinosinusitis, cystic fibrosis)  
_Hosemann W._

15.50 Coffee break

The sinuses post-op

16.20 Wound healing and postoperative care  
_Hosemann W._

16.40 Recent technical developments in surgical CRS treatment  
_Van Zele T._

17.10 Interactive session on CRS management in recalcitrant CRS.  
_Stjärne P._

18.00 Bus departure from the “UZ Ghent”

Social program

Free evening in Ghent
07.30 Bus departure from the “Poel”

**Hands-on Cadaver Head Workshop**

**08.00**  
*Wet laboratory in the anatomy department*  
Each participant has one side for surgery and is equipped with endoscope, monitor and instruments including microdebrider

- **Anterior approach- step by step**  
  *Hosemann W.*
- **Frontal sinus surgery, Draf 2a**  
  *Marple B.*
- **DCR, Endoscopic Sphenopalatine ligation**  
  *Bernal-Sprekelsen M.*

*Teachers: Hosemann W., Marple B., Bernal-Sprekelsen M., Stjärne P., Van Zele T., Gevaert P., Bachert C.*

*Break and Lunch in between*

**Extended surgery**

**14.30**  
*Principles of inverted papilloma surgery (including the prelacrima access to the maxillary sinus)*  
*Stjärne P.*

**15.00**  
*Basic principles of endoscopic sinus tumour surgery*  
*Bernal-Sprekelsen M.*

**15.45**  
*Endoscopic pituitary surgery (indications and technique)*  
*Stjärne P., Van Zele T.*

**16.30**  
*Interventional radiology and endoscopic surgery of juvenile angiofibromas*  
*Bernal-Sprekelsen M.*
17.00 Coffee break.

17.30 Anatomy of the skull base and its surgical applications (transcribiform, transplanum, transsellar approach) 
Van Zele T.

18.30 Bus departure from the “UZ Ghent”

**Social program**

20.15 Banquet
22.30 Return to the hotels
07.45  Bus departure from the “Poel”

**Hands-on Cadaver Head Workshop**

**08.00  Wet laboratory in the anatomy department**
Each participant has one side for surgery and is equipped with endoscope, monitor and instruments including shaver

- **Orbital decompression, optic nerve decompression, lateral canthotomy and cantholysis**
  Hosemann W.
- **Medial maxillectomy and the prelacrimal access to the maxillary sinus**
  Bernal-Sprekelsen M.
- **Draf III**
  Marple B.
- **The skull base including flaps for closure (nasoseptal flap, lateral nasal wall flap)**
  Van Zele T., Stjärne P.

*Teachers: Hosemann W., Marple B., Bernal-Sprekelsen M., Stjärne P., Van Zele T., Gevaert P., Bachert C.*

**Break and Lunch in between**

**14.00  Handover of certificates**
Departure to the “Poel” - Hotels