



31st International Course on

ENDOSCOPIC SURGERY OF THE PARANASAL SINUSES & SKULL BASE

**Ghent (Belgium)
28 - 31 August 2019**

INTERNATIONAL FACULTY

Claus Bachert (Ghent, Belgium)

Manuel Bernal-Sprekelsen (Barcelona, Spain)

Paolo Castelnovo (Varese, Italy)

Philippe Gevaert (Ghent, Belgium)

Werner Hosemann (Greifswald, Germany)

Masaru Ishii (Baltimore, USA)

Bradley Marple (Dallas, USA)

Par Stjärne (Stockholm, Sweden)

Thibaut Van Zele (Ghent, Belgium)

Luo Zhang (Beijing, PRC)

James Zinreich (Baltimore, USA)

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, 28 August: 10h10 to Ghent University Hospital – 19h15 to “Poel”

Thursday, 29 August: 08h00 to Ghent University Hospital – 18h00 to “Poel”

Friday, 30 August: 07h45 to Wet Laboratory – 18h30 to “Poel”

Saturday, 31 August: 07h45 to Wet Laboratory – 13h30 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.

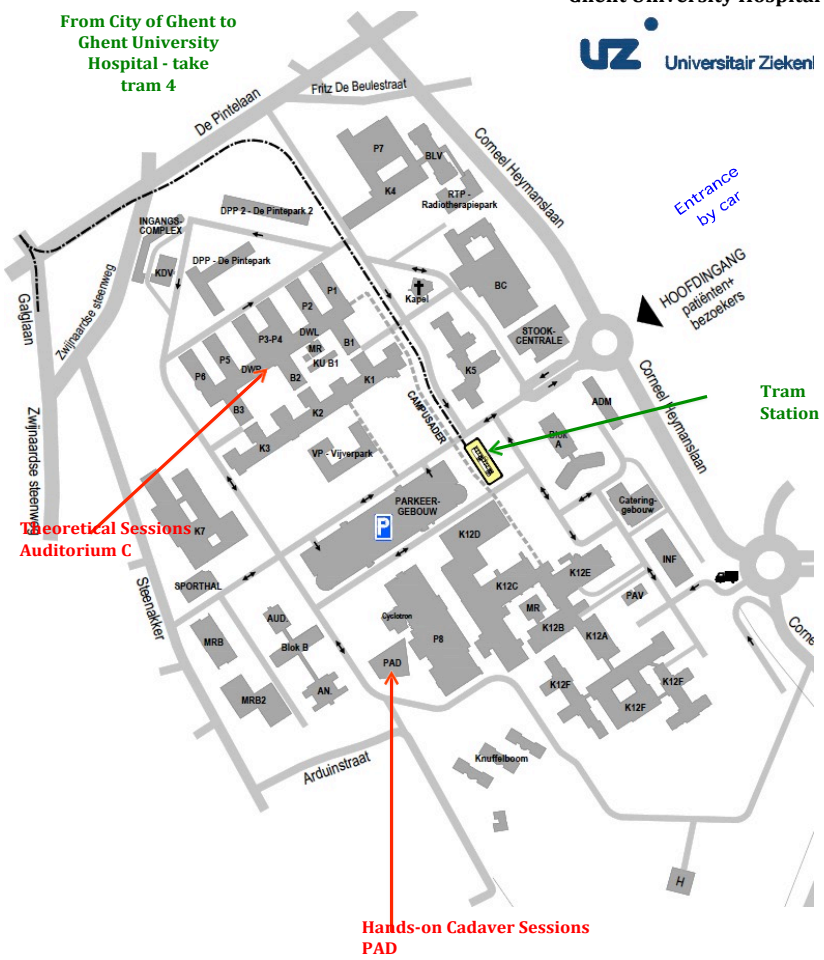
Social Program

Open for course delegates and registered accompanying persons.

- **Wednesday 28 August: Reception (18h00-19h05)**
Ghent University Hospital Campus
- **Friday 30 August: Banquet (20h00-22h30)**
Handelsbeurs (Kouter 29, 9000 Ghent)

State of the art in science, medical and surgical management of sinus diseases and adjacent fields

Ghent University Hospital



State of the art in science, medical and surgical management of sinus diseases and adjacent fields

PROGRAM IN DETAIL

Language of the course is English.

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: Endotypes of chronic rhinosinusitis (CRS) and the consequences

Bachert C.

11.30 Clinical and surgical anatomy of the sinuses

Hosemann W.

12.20 Standard imaging anatomy for FESS and 3D CT Stereo imaging of the sinuses

Zinreich J.

13.00 Lunch

Understanding pathology

14.00 Understanding inflammation and biologics in CRSwNP

Bachert C.

14.40 Olfaction

Stjärne P.

15.00 3D CT Stereo imaging of the sinuses part 2; 3D CT Stereo and MPR imaging and of anatomic landmarks (Anterior Ethmoid Artery)

Zinreich J., Ishii M.

15.40 Acute rhinosinusitis and complications

Stjärne P.

16.00 Coffee break

Approaches in FESS

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

17.15 Evidence in regular FESS/ballooning, stenting, outpatient surgery
Hosemann W.

Social program

18.00 Reception

19.15 Bus departure from the “UZ Ghent”

08.00 Bus departure from the "Poel"

Focus on frontal sinus and complications

08.30 Imaging pathology of the nasal cavity and paranasal sinuses

Zinreich J.

09.00 Frontal sinus anatomy, approaches from DRAF I, II, to III

Marple B.

09.30 *Supraorbital cells*

Zhang L.

09.50 Extended frontal sinus surgery

Castelnuovo P.

10.10 Discussion on frontal sinus surgery

10.30 Coffee break

11.00 The sphenoid sinus

Van Zele T.

11.20 Fungal disease of the sinuses: from fungal ball to invasive fungal disease

Marple B.

11.40 Management of epistaxis, Morbus Rendu-Osler

Van Zele T.

12.00 Complications: how to avoid them, how to react appropriately

Hosemann W.

12.30 Revision surgery: how to avoid it?

Bernal-Sprekelsen M.

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 big bleedings: carotid artery, orbital bleedings**
Bernal-Sprekelsen M.
- 15.10 Management of CSF-leaks**
Bernal-Sprekelsen M.

The sinuses in children

- 15.30 Indications and techniques of sinus surgery in children**
Hosemann W.
- 16.00 *Coffee break*

The sinuses pre- and post-op

- 16.30 Wound healing and postoperative care**
Hosemann W.
- 16.50 Recent technical developments in surgical CRS treatment**
Van Zele T.
- 17.20 Round table on pre- op diagnostics and post-operative treatment**
Gevaert P. (5 min "set the scene" presentation)
- 17.40 Round table on septum and turbinate surgery**
Hosemann W. (5 min "set the scene" presentation)

18.00 Bus departure from the "UZ Ghent"

Social program

Free evening in Ghent

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 microdebrider

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

Teachers: Hosemann W., Marple B., Bernal-Sprekelsen M., Castelnovo P., van Zele T., Gevaert P., Bachert C.

13.30 Lunch Auditorium C

Extended surgery

14.30 Basic Principles of Endoscopic Sinus Tumour Surgery

Bernal-Sprekelsen M.

15.00 Principles of inverted papilloma surgery (including the prelacrima access to the maxillary sinus)

Stjärne P.

15.30 Endoscopic pituitary surgery (indications and technique)

Castelnovo P.

**16.30 Interventional radiology and endoscopic surgery of juvenile
angiofibromas**

Marple B.

17.00 *Coffee break*

**17.30 Anatomy of the skull base and its surgical applications
(transcribiform, transplanum, transsellar approach)**

Castelnuovo M., Van Zele T.

18.30 Bus departure from the “UZ Ghent”

Social program

20.15 Banquet at the Handelsbeurs

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 prelacrima access to the maxillary sinus**
Castelnuovo P.
- **Draf III**
Marple B.
- **The skull base including flaps for closure (nasoseptal flap, lateral nasal wall flap)**
Castelnuovo P., Van Zele T.

Teachers: Hosemann W., Marple B., Castelnuovo P., Stjärne P., Van Zele T., Gevaert P., Bachert C.

Break and Lunch in between

13.30 Handover of certificates

Departure to the “Poel” - Hotels

