30th International Course on

ENDOSCOPIC SURGERY OF
THE PARANASAL SINUSES
&
SKULL BASE

Ghent (Belgium)
29 August-1 September 2018

INTERNATIONAL FACULTY

Claus Bachert  (Ghent, Belgium)
Philippe Gevaert  (Ghent, Belgium)
Werner Hosemann  (Greifswald, Germany)
Bradley Marple  (Dallas, USA)
Par Stjärne  (Stockholm, Sweden)
Thibaut Van Zele  (Ghent, Belgium)
Luo Zhang  (Beijing, PRC)
James Zinreich  (Baltimore, USA)

Preliminary Program
Language of the course is English.
**ANATOMY AND IMAGING**

11.10 Changing paradigms in sinus disease: Why do endotypes of chronic rhinosinusitis (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 Understanding inflammation in chronic rhinosinusitis and nasal polyps, new therapeutic approaches  
*Bachert C.*

14.40 Radiographic pathology of nose and sinuses  
*Zinreich J.*

15.20 Endotype-driven management of CRS with and without nasal polyps  
*Bachert C.*

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

### Approaches in FESS

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

17.15 Evidence in FESS
*Hosemann W.*

### Social program

18.00 Reception

19.15 Bus departure from the “UZ Ghent”
### State of the art in science, medical and surgical management of sinus diseases and adjacent fields

**THURSDAY** | **AUGUST 30** | **2018**
---|---|---
08.00 | Bus departure from the “Poel”

### Focus on frontal and sphenoid sinus

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 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?**  
  *Hosemann W.* |
| 12.30 | **Complications and how to avoid them**  
  *Hosemann W.* |
| 13.00 | **Lunch** |
# State of the art in science, medical and surgical management of sinus diseases and adjacent fields

## The sinuses and beyond

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14.00</td>
<td>Endoscopic dacryocystorhinostomy (DCR)</td>
<td>Van Zele T.</td>
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<tr>
<td>14.30</td>
<td>Principles of orbital/optic nerve decompression</td>
<td>Marple B.</td>
</tr>
<tr>
<td>14.50</td>
<td>Management of epistaxis</td>
<td>Van Zele T.</td>
</tr>
<tr>
<td>15.10</td>
<td>Management of CSF-leaks</td>
<td>Marple B.</td>
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## The sinuses in children

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.30</td>
<td>Sinus surgery in children (complications of acute rhinosinusitis, cystic fibrosis)</td>
<td>Hosemann W.</td>
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<tr>
<td>15.50</td>
<td>Coffee break</td>
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## The sinuses post-op

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.20</td>
<td>Wound healing and postoperative care</td>
<td>Hosemann W.</td>
</tr>
<tr>
<td>16.40</td>
<td>Recent technical developments in surgical CRS treatment</td>
<td>Van Zele T.</td>
</tr>
<tr>
<td>17.10</td>
<td>Interactive session on pre- and post-operative treatment</td>
<td>Gevaert P.</td>
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18.00 Bus departure from the “UZ Ghent”

## Social program

- Free evening in Ghent
State of the art in science, medical and surgical management of sinus diseases and adjacent fields

FRIDAY AUGUST 31 2018

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
  Van Zele T.

Teachers: Hosemann W., Marple B., 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 prelacrimal access to the maxillary sinus)
  Stjärne P.

15.00  Basic Principles of Endoscopic Sinus Tumour Surgery
  Hosemann W.
State of the art in science, medical and surgical management of sinus diseases and adjacent fields

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

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)  
*Van Zele T.*

18.30 Bus departure from the “UZ Ghent”

**Social program**

20.15 Banquet at the Brasserie 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 prelacral access to the maxillary sinus
         Stjärne P.

       • 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., Stjärne P., van Zele T., Gevaert P., Bachert C.

Break and Lunch in between

13.45  Handover of certificates
       Departure to the “Poel” - Hotels