

# FACULTY

## INTERNATIONAL FACULTY

- **Sebastien FROELICH**  
France
- **Fred GENTILI**  
Canada
- **Philippe HERMAN**  
France
- **Walter KUCHARCZYK**  
Canada
- **Manfred TSCHABITSCHER**  
Austria

## NATIONAL FACULTY

- **Paolo CAPPABIANCA**  
Napoli
- **Giorgio FRANK**  
Bologna
- **Ernesto PASQUINI**  
Bologna

## LOCAL FACULTY

Brescia

- **Andrea BOLZONI VILLARET**
- **Francesco DOGLIETTO**
- **Marco FONTANELLA**
- **Roberto GASPAROTTI**
- **Andrea GIUSTINA**
- **Davide LOMBARDI**
- **Dikran MARDIGHIAN**
- **Roberto MAROLDI**
- **Gherardo MAZZIOTTI**
- **Piero NICOLAI**
- **Luca PIANTA**
- **Pietro Luigi POLIANI**
- **Luigi RODELLA**
- **Alberto SCHREIBER**
- **Roberto STEFINI**

# INFO

## REGISTRATION FEE

Only 12 places are available for the full course, including attendance to the hands-on section, at a fee of 2.000,00 € + VAT 22%.

As we strongly believe in the importance of multidisciplinary, in case of a surgical team (otolaryngologist and neurosurgeon), a reduced registration fee will be applied to both members, equal to 1.800,00 € + VAT 22%.

The fee includes: entrance to the course, course material, certificate of attendance, coffee and tea breaks, lunches and social dinner. Only six places for Observers are available at the reduced fee of 800,00 € + VAT 22%. The fee includes entrance to the course with observation of the hands-on phase in the anatomy laboratory, attendance of the live surgery section, certificate of attendance, coffee and tea breaks, lunches and social dinner.

The registration must be sent to the Organizing Secretariat within May 29<sup>th</sup> via fax or e-mail, along with the payment.

## REFUND POLICY

Cancellations received within the registration deadline (May 29<sup>th</sup>): 70% refund.

Cancellations received beyond the registration deadline: no refund. The name of the participants can be changed within seven days prior to the course.

## CANCELLATION POLICY

In the unusual circumstance that the course is cancelled, two weeks notice will be given and the fee will be refunded in full. The Organizers are not responsible for any airfare, hotel or other costs incurred.

## INSURANCE

Organizers do not accept responsibility for individual medical, travel or personal expenses. Participants are strongly advised to take out their own personal insurance policies.

## ACCOMMODATION

For information please contact the Organizing Secretariat.



Azienda Ospedaliera  
Spedali Civili di Brescia  
Sistema Sanitario Regione Lombardia



Under the auspices of



Department  
of Neurosurgery  
**Marco Fontanella**

Department  
of Otorhinolaryngology  
**Piero Nicolai**



# SECRETARIAT

## SCIENTIFIC SECRETARIAT

**Andrea BOLZONI VILLARET**  
Department of Otorhinolaryngology  
dr.bolton@libero.it

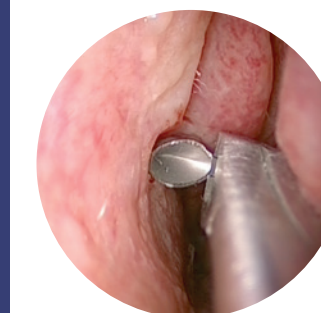
**Francesco DOGLIETTO**  
Department of Neurosurgery  
francesco.doglietto@unibs.it

A.O. Spedali Civili di Brescia  
P.le Spedali Civili 1  
25121 Brescia, Italy

## ORGANIZING SECRETARIAT

**Servizi C.E.C. Srl**  
Katia Gissi  
Tel +39.35.249899  
Fax +39.35.237852  
k.gissi@servizicec.it  
www.servizicec.it

WITH THE UNCONDITIONAL SUPPORT



## HANDS-ON ANATOMY LABORATORY AND LIVE SURGERY

# INTERNATIONAL SUMMER SCHOOL

# JULY 13 | 17 2015

## BRESCIA - ITALY

## TRANSNASAL ENDOSCOPIC SURGERY: FROM SINUSES TO SKULL BASE

Aim of this course is to offer an overview of the applications of trans-nasal endoscopic surgery, starting from simple procedures performed under local anesthesia to more extensive operations adopted for inflammatory disease, benign and malignant sino-nasal tumors, skull-base diseases, sellar and parasellar lesions, down to the clivus, nasopharynx and cranio-vertebral junction.

Also thanks to the University of Brescia support, the course will provide a hands-on section, followed by a live surgery phase at a relatively low fee.

The first two days will be dedicated to the endoscopic endonasal dissection of injected, fresh frozen specimens. At the Anatomy laboratory of the University of Brescia directed by Prof Luigi Rodella each working station is complete of endoscopic skull base surgery equipment, as well as CT-based navigation. Two participants and one observer will be assigned to each station and will be supervised by at least one faculty member to allow for a personalized tuition. Each step will be preceded by lectures by the faculty members, including world reknown Anatomy Professor Manfred Tschabitscher.

The following three days will be dedicated to live surgery, with at least two running operating rooms, in which different operations will be shown and discussed step by step. As well as watching the operations from the connected meeting room, participants and observers will have the chance of observing surgery directly in the OR. Lectures will be provided by the local and international faculty, all recognized leaders not only in the fields of endonasal endoscopic surgery and endoscopic skull base surgery, but also in other essential specialties, such as radiology and endocrinology.

Aim of the course is indeed to provide a thorough journey in this exciting field, showing the importance of multidisciplinary, from the anatomy laboratory to the clinical, multispecialty collaboration.

Five intense days are awaiting for you with the chance of interacting directly and informally with world experts in the field. The course will include an informal social dinner with all faculty and participants on the beautiful lake Garda.

Aim of all the faculty is to share their expertise with you. We look forward to seeing you in Brescia!

## HANDS-ON SECTION

### ●●● DAY 1

Anatomy Laboratory - University of Brescia

- **Welcome address**  
*P. Nicolai, M. Fontanella*
- **Introduction to the hands-on section of the course**  
*L. Rodella*
- **An endoscopic journey of the skull base**  
*M. Tschabitscher*
- **Endoscopic endonasal transsphenoidal paraseptal approaches**  
*A. Bolzoni Villaret*
- **Extended transsphenoidal transtuberculum approach**  
*R. Stefani*
- **Endoscopic transsphenoidal approaches to the cavernous sinus**  
*F. Doglietto*
- **Extended transsphenoidal tranclival approach**  
*A. Schreiber*

## HANDS-ON SECTION

### ●●● DAY 2

Anatomy Laboratory - University of Brescia

- **Normal radiological anatomy for endoscopic skull base surgery**  
*R. Maroldi*
- **Endoscopic approach to the frontal sinus**  
*L. Pianta*
- **Endoscopic approaches to the orbit**  
*A. Bolzoni Villaret*
- **Endoscopic endonasal transcribriform approach**  
*D. Lombardi*
- **Transmaxillary approaches to the infratemporal fossa**  
*A. Schreiber*
- **Endonasal endoscopic odontoidectomy**  
*R. Stefani*
- **New technologies in endoscopic endonasal transsphenoidal surgery: results of preclinical assessment and development in the anatomy laboratory**  
*F. Doglietto, A. Bolzoni Villaret*

## LIVE SURGERY SECTION

### ●●● DAY 3

Didactic room - Spedali Civili Brescia

- **Introduction to the live surgery section of the course**  
*P. Nicolai, M. Fontanella*
- **Imaging study in sino-nasal and skull base disease**  
*R. Maroldi*
- **Inflammatory disease of the sino-nasal tract**  
*L. Pianta*
- **The lacrimal pathway, the orbit and the optic nerve**  
*D. Lombardi*
- **Skull-base reconstruction: general principles, tips and tricks**  
*A. Bolzoni Villaret*
- **Endonasal endoscopic surgery for malignancies**  
*P. Nicolai*
- **Endoscopic endonasal approaches to the infratemporal fossa**  
*P. Herman*
- **MRI of the pituitary and parasellar region**  
*W. Kucharczyk*

## LIVE SURGERY SECTION

### ●●● DAY 4

Didactic room - Spedali Civili Brescia

- **Pituitary adenomas: the endocrinologist point of view**  
*G. Mazziotti*
- **Sellar and parasellar pathology: the pathologist point of view**  
*P.L. Poliani*
- **Interventional neuroradiology in skull base surgery**  
*R. Gasparotti, D. Mardighian*
- **Quantification and comparison of approaches to the cavernous sinus**  
*F. Doglietto*

### ●●● DAY 5

- **Pituitary adenomas**  
*P. Cappabianca*
- **Acromegaly: the endocrinologist perspective**  
*A. Giustina*
- **Cavernous sinus surgery**  
*G. Frank, E. Pasquini*
- **Craniopharyngiomas**  
*F. Gentili*
- **Clivus Chordomas**  
*S. Froelich*
- **Endonasal endoscopic orbit surgery**  
*G. Frank, E. Pasquini*