

# FACULTY

## COURSE DIRECTORS

- **Marco FONTANELLA**  
Neurosurgery
- **Piero NICOLAI**  
Otorhinolaryngology
- **Luigi F. RODELLA**  
Anatomy

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- **Giorgio FRANK**  
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- **Davide LOCATELLI**  
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- **Ernesto PASQUINI**  
Bologna

## LOCAL FACULTY

- **Andrea BOLZONI VILLARET**
- **Barbara BUFFOLI**
- **Francesco DOGLIETTO**
- **Marco FONTANELLA**
- **Roberto GASPAROTTI**
- **Davide LOMBARDI**
- **Roberto MAROLDI**
- **Piero NICOLAI**
- **Luca PIANTA**
- **Pietro L. POLIANI**
- **Luigi F. RODELLA**
- **Alberto SCHREIBER**
- **Roberto STEFINI**

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Brescia
- **Alfred AGA**  
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- **Giacomo BERTAZZONI**  
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- **Vittorio RAMPINELLI**  
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- **Mario TURRI ZANONI**  
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# SECRETARIAT

## SCIENTIFIC SECRETARIAT

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## ORGANIZING SECRETARIAT

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# INFORMATION

## REGISTRATION FEE

Only 12 places are available for the full course, including attendance to the hands-on section, at a fee of €2.440,00 VAT 22% included. As we strongly believe in the importance of multidisciplinary, in case of a surgical team (otorhinolaryngologist and neurosurgeon), a reduced registration fee will be applied to both members, equal to €2.196,00 VAT 22% included.

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 €976,00 VAT 22% included. 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 June 2nd via fax or e-mail, along with the payment.

## REFUND POLICY

Cancellations received within the registration deadline (June 2nd): 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.

Under the auspices of



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Neurosurgery
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Otorhinolaryngology
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Anatomy



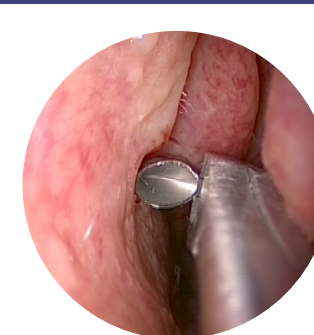
## INTERNATIONAL SUMMER SCHOOL

# JULY 3 | 7 2017

## BRESCIA - ITALY

## TRANSNASAL ENDOSCOPIC SURGERY:

## FROM SINUSES TO SKULL BASE



## HANDS-ON ANATOMY LABORATORY AND LIVE SURGERY

For latest updates please refer to:

[www.summerschool-endoscopicskullbase-brescia.com](http://www.summerschool-endoscopicskullbase-brescia.com)

Aim of this course, which is now in its third edition, 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.

The first three days will be dedicated to the endoscopic endonasal dissection of injected, fresh frozen specimens. At the Gross Anatomy Laboratory of the University of Brescia directed by Prof. Luigi F. 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 3D-HD videos explained by the faculty members.

The following two days will be dedicated to live surgery, with three 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 pathology.

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 includes an informal social dinner with all faculty and participants on Thursday July 6<sup>th</sup>.

Aim of all the faculty is to share their expertise with you.

We look forward to seeing you in Brescia!

Marco Fontanella



Piero Nicolai



Luigi F. Rodella



# PROGRAM

## HANDS-ON SECTION

### ●●● DAY 1

Gross Anatomy Laboratory  
University of Brescia

**8:00**  
Registration

**8:15**  
Welcome address  
*P. Nicolai, M. Fontanella, L.F. Rodella*

**8:30**  
An endoscopic journey  
of the skull base  
*P. Nicolai*

**9:00**  
Endoscopic sinonasal anatomy:  
landmarks, tips and pitfalls  
*F. R. Canevari*

**9:20 - 12:30**  
Hands on dissection  
Modular transphenoidal  
approaches

**12:30 - 13:30** Lunch

**13:30 - 17:00**  
Hands on dissection  
Transellar, transtuberulum,  
transplanum approaches  
and reconstruction

## HANDS-ON SECTION

### ●●● DAY 2

Gross Anatomy Laboratory  
University of Brescia

**8:30**  
Imaging of skull base anatomy  
and disease  
*R. Maroldi*

**9:00 - 12:30**  
Hands on dissection  
Endoscopic medial maxillectomies  
Transpterygoid approach to the  
cavernous sinus and petrous apex

**12:30 - 13:30** Lunch

**13:30 - 17:00**  
Hands on dissection  
Transmaxillary approach  
to the infratemporal fossa

### ●●● DAY 3

Gross Anatomy Laboratory  
University of Brescia

**8:30**  
Anterior skull base endoscopic  
anatomy  
*P. Battaglia*

**9:00 - 12:30**  
Hands on dissection  
Transcribriform approach  
Transclival approach and  
odontoideotomy

**12:30 - 13:30** Lunch

**13:30 - 17:00**  
Hands on dissection  
Temporoparietal fascial flap for  
posterior skull base reconstruction  
Endoscopic approaches to the orbit

## LIVE SURGERY SECTION

### ●●● DAY 4

Didactic room - Spedali Civili Brescia

**8:00**  
Introduction to the live surgery  
section of the course  
*P. Nicolai, M. Fontanella*

**8:15**  
Clinical cases of the day

**8:30 - 17:30**  
Live surgery and lectures

Lectures of the day:  
Endoscopic surgery for sinonasal  
malignancies  
*P. Nicolai*

Endoscopic approaches  
to the coronal plane:  
indications and complications  
*P. Herman*

Pituitary adenomas  
*P. Cappabianca*

Sellar and parasellar pathology:  
the pathologist point of view  
*P.L. Poliani*

Imaging of sellar and parasellar  
pathology  
*R. Gasparotti*

## LIVE SURGERY SECTION

### ●●● DAY 5

Didactic room - Spedali Civili Brescia

**8:00**  
Clinical cases of the day

**8:30 - 16:00**  
Live surgery and lectures

Lectures of the day:  
Multiportal endoscopic approaches  
to the skull base  
*P. Castelnuovo*

Cavernous sinus endoscopic  
surgery  
*G. Frank, E. Pasquini*

Transphenoidal surgery  
for craniopharyngiomas  
*F. Gentili*

Endonasal endoscopic surgery  
for meningiomas  
*D. Locatelli*

Endonasal endoscopic surgery  
for clivus chordomas  
*D. Bresson*

Large and Giant sellar and  
sovrasellar tumors: should  
craniotomy be the first choice?  
*R. Stefani*

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