

# FACULTY

## COURSE DIRECTORS

- **MARCO FONTANELLA**  
Neurosurgery
- **PIERO NICOLAI**  
Otorhinolaryngology
- **LUIGI F. RODELLA**  
Anatomy

## INTERNATIONAL FACULTY

- **ALFRED AGA**  
Albania
- **DAMIEN BRESSON**  
France
- **FRED GENTILI**  
Canada
- **PHILIPPE HERMAN**  
Francia
- **MANFRED TSCHABITSCHER**  
Austria
- **ALPEREN VURAL**  
Turkey

## NATIONAL FACULTY

- **PAOLO BATTAGLIA** – Varese
- **FRANK RIKKI CANEVARI** – Alessandria
- **PAOLO CASTELNUOVO** – Varese
- **LUIGI CAVALLO** – Napoli
- **FRANCESCO DOGLIETTO** – Brescia
- **ROBERTO GASPAROTTI** – Brescia
- **DAVIDE LOCATELLI** – Varese
- **ROBERTO MAROLDI** – Brescia
- **DIEGO MAZZATENTA** – Bologna
- **ERNESTO PASQUINI** – Bologna
- **PIETRO L. POLIANI** – Brescia
- **ALBERTO SCHREIBER** – Brescia
- **ROBERTO STEFINI** – Milano

## TUTORS

- **REMO ACCORONA** – Bolzano
- **ALFRED AGA** – Albania
- **FRANCESCO BELOTTI** – Brescia
- **GIACOMO BERTAZZONI** – Brescia
- **ANTONIO BIROLI** – Brescia
- **DAMIEN BRESSON** – France
- **BARBARA BUFFOLI** – Brescia
- **MARCO FERRARI** – Brescia
- **ALESSANDRO FIORINDI** – Brescia
- **PHILIPPE HERMAN** – France
- **MOHAMMED KATATBETH** – Jordan
- **DAVIDE LANCINI** – Brescia
- **DAVIDE MATTAVELLI** – Brescia
- **PIER PAOLO MATTOGNO** – Brescia
- **VITTORIO RAMPINELLI** – Brescia
- **ELENA ROCA** – Brescia
- **MANFRED TSCHABITSCHER** – Austria
- **ALPEREN VURAL** – Turkey

# SECRETARIAT

## SCIENTIFIC SECRETARIAT

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## ORGANIZING SECRETARIAT

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# INFORMATION

## REGISTRATION FEE

Only 18 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 9 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 May 24<sup>th</sup> via fax or e-mail, along with the payment.

## REFUND POLICY

Cancellations received within the registration deadline (May 24<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.

## CONTINUING MEDICAL EDUCATION (CME)

An application has been made to the UEMS EACCME® for CME accreditation of this event.

## ACCOMMODATION

For information please contact the Organizing Secretariat.

Under the auspices of



## COURSE DIRECTORS

**Marco Fontanella**  
*Neurosurgery*

**Piero Nicolai**  
*Otorhinolaryngology*

**Luigi F. Rodella**  
*Anatomy*



UNIVERSITÀ  
DEGLI STUDI  
DI BRESCIA

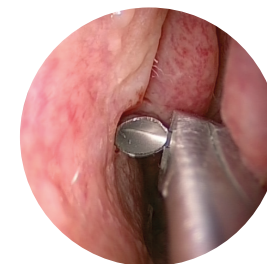
# INTERNATIONAL SUMMER SCHOOL

# JUNE 24 | 28 2019

## BRESCIA – ITALY

## Preliminary Program

Transnasal  
Endoscopic  
Surgery:  
**from sinuses  
to skull base**



## HANDS-ON

*Anatomy Laboratory  
and Live Surgery*

Aim of this course, which is now in its fifth edition, is to offer an overview of the applications of transnasal endoscopic surgery, starting from simple procedures performed under local anesthesia to more extensive operations adopted for inflammatory disease, benign and malignant sinonasal tumors, skullbase 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 session, followed by an interactive live surgery section.

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, as well as demonstrations with 4K technology.

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 June 27<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



## Hands-on section

Gross Anatomy Laboratory

JUNE 24 | 26 2019

University of Brescia

## Live Surgery section

Didactic room

JUNE 27 | 28 2019

Spedali Civili Brescia

### DAY 1

8:00 - 8:15

Registration and Welcome coffee

8:15 - 8:30

Welcome addresses

► P. Nicolai, M. Fontanella, L.F. Rodella

8:30 - 9:00

An endoscopic journey of the skull base

► P. Nicolai

9:00 - 9:20

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, transtuberculum, transplanum approaches and reconstruction

### DAY 2

8:30 - 9:00

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 - 13.45

Anterior skull base reconstruction

► A. Aga

13.45 - 14.00

Skull base osteomyelitis: a difficult diagnosis and management

► A. Vural

14:00 - 17:00

Hands on dissection Transmaxillary approach to the infratemporal fossa

### DAY 3

8:30 - 9:00

Anterior skull base endoscopic anatomy

► P. Battaglia

9:00 - 12:30

Hands on dissection Transcribriform approach, transclival approach and odontoidectomy

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

13:30 - 13:50

Endonasal endoscopic surgery for clivus chordomas

► D. Bresson

13:50 - 17:00

Hands on dissection Temporoparietal fascial flap for posterior skull base reconstruction. Endoscopic approaches to the orbit

### DAY 4

8:00 - 8:15

Introduction to the live surgery section of the course

► P. Nicolai, M. Fontanella

8:15 - 8:30

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

► L. Cavallo

Sellar and skull base pathology: the pathologist point of view

► P.L. Poliani

Imaging of sellar and parasellar pathology

► R. Gasparotti

### DAY 5

8:00 - 8:30

Clinical cases of the day

8:30 - 16:00

Live surgery and lectures

Lectures of the day

Transphenoidal surgery for craniopharyngiomas

► F. Gentili

Cavernous sinus endoscopic surgery

► D. Mazzatenta, E. Pasquini

Endonasal endoscopic surgery for meningiomas

► D. Locatelli

Multiportal endoscopic approaches to the skull base

► P. Castelnuovo

www.summerschool-endoscopicskullbase-brescia.com

INTERNATIONAL **SUMMER SCHOOL** Transnasal Endoscopic Surgery: **from sinuses to skull base**