

## COURSE DIRECTORS

- **MARCO FONTANELLA** – Brescia
- **PIERO NICOLAI** – Padua
- **CESARE PIAZZA** – Brescia
- **RITA REZZANI** – Brescia

## LOCAL FACULTY

- **FRANCESCO BELOTTI** – Brescia
- **ANDREA BOLZONI VILLARET** – Brescia
- **FRANCESCA BONOMINI** – Brescia
- **BARBARA BUFFOLI** – Brescia
- **DAVIDE FARINA** – Brescia
- **ALESSANDRO FIORINDI** – Brescia
- **ROBERTO MAROLDI** – Brescia
- **DAVIDE MATTAVELLI** – Brescia
- **VITTORIO RAMPINELLI** – Brescia
- **ALBERTO SCHREIBER** – Brescia

## INTERNATIONAL FACULTY

- **ALFRED AGA** – Albania
- **ANTONIO BIROLI** – Spain
- **DAMIEN BENOIT BRESSON** – France
- **ESTEBAN XAVIER CORDERO** – Spain
- **PHILIPPE HERMAN** – France
- **JANAKIRAM T. NARAYANAN** – India
- **TIMOLEON F. TERZIS** – Greece
- **LAURA VAN GERVEN** – Belgium
- **BENJAMIN VERILLAUD** – France
- **ALESSANDRO VINCIGUERRA** – France
- **ALPEREN VURAL** – Turkey

## NATIONAL FACULTY

- **MONIR ABOUSIAM** – Bozen
- **REMO ACCORONA** – Milan
- **PAOLO BATTAGLIA** – Como
- **GIACOMO BERTAZZONI** – Cremona
- **ANDREA BIZZONI** – Bergamo
- **FRANK RIKKI CANEVARI** – Genua
- **ANDREA CAROBBIO** – Padua
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- **LUIGI CAVALLO** – Naples
- **GIACOMO CONTRO** – Padua
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- **FRANCESCO DOGLIETTO** – Rome
- **MARCO FERRARI** – Padua
- **MASSIMILIANO FORINO** – Rome
- **TOMMASO GUALTIERI** – Prato
- **APOSTOLOS KARLIGKIOTIS** – Varese
- **DAVIDE LOCATELLI** – Varese
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- **ERNESTO PASQUINI** – Bologna
- **ALESSANDRO PUSATERI** – Bergamo
- **MARIO RIGANTE** – Rome
- **GIACOMO SOLLINI** – Bologna
- **STEFANO TABONI** – Padua
- **MARIO TURRI ZANONI** – Como
- **LUCA VOLPI** – Como
- **CESARE ZOIA** – Gravedona (CO)

## SCIENTIFIC SECRETARIAT

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## ORGANIZING SECRETARIAT

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## REGISTRATION FEE

Only 18 places are available for the full course, including attendance to the hands-on section, at a fee of € 2.800,00 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 € 2.500,00 VAT 22% included. The fee includes: entrance to the course, course material, certificate of attendance, coffee and tea breaks and lunches.

Only 9 places for observers are available at the reduced fee of € 1000,00 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 and lunches. The registration must be done online on the ISS website within May 31<sup>st</sup> 2024.

## REFUND POLICY

Cancellations received within the registration deadline (May 31<sup>st</sup> 2024): 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

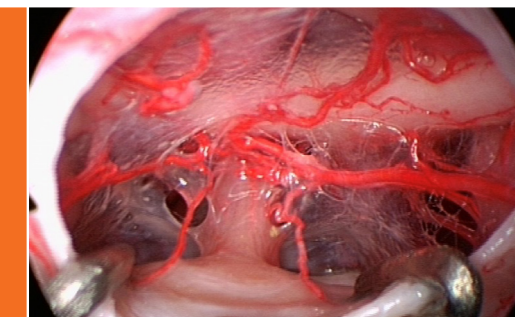
Organizers do not accept responsibility for individual medical, travel or personal expenses. Participants are strongly advised to take out their own personal insurance policies.

## ACCOMMODATION

For information please contact the Organizing Secretariat at info@servizicec.it

## COURSE DIRECTORS

- **MARCO FONTANELLA** Neurosurgery
- **PIERO NICOLAI** Otorhinolaryngology
- **CESARE PIAZZA** Otorhinolaryngology
- **RITA REZZANI** Anatomy

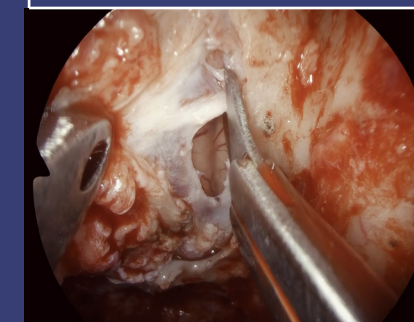


## 10<sup>th</sup> INTERNATIONAL SUMMER SCHOOL

**JULY 1 | 5**  
 BRESCIA – ITALY

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

**2024**



**HANDS-ON**  
*Anatomy Laboratory  
 and Live Surgery*

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

Aim of this course, which is now in its tenth 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, sellar and parasellar lesions, as well as other neoplastic and malformative skull base pathologies.

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 Anatomical Training Centre "Luigi Fabrizio Rodella" of the University of Brescia directed by Prof. Rita Rezzani each working station is complete of endoscopic skull base surgery equipment, as well as CT-based navigation. Each participant, two per each station, will be supervised by one tutor to allow for a personalized tuition while observers will rotate on each station. Each step will be preceded by 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.

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

We look forward seeing you in Brescia!

## JULY 1

### Anatomy Laboratory

7:45 - 8:00

#### Registration

8:00 - 8:20

#### Welcome addresses

► M. Fontanella, P. Nicolai, C. Piazza, R. Rezzani

8:20 - 8:40

#### An endoscopic journey of the skull base

► P. Nicolai

8:40 - 9:00

#### Imaging of skull base: anatomy and disease

► R. Maroldi

9:00 - 9:15

#### Introduction to anatomy laboratory

► F. Bonomini, B. Buffoli

9:15 - 13:00

#### Hands on dissection

Modular transphenoidal approaches

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

13:00 - 13:30 **Lunch**

13:30 - 16:30

#### Hands on dissection

Transethmoidal and transfrontal corridors

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

16:30 - 18:00

#### Round table: hot topics

##### in endoscopic skull base surgery

► A. Aga, A. Bolzoni Villaret, D. Bresson, F. R. Canevari, M. Forino, T. Gualtieri, A. Schreiber, M. Turri Zanoni, B. Verillaud

## JULY 2

### Anatomy Laboratory

8:30 - 13:00

#### Hands on dissection

Transellar, transtuberculum, transplanum approaches and reconstruction

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

13:00 - 13:30 **Lunch**

13:30 - 16:30

#### Hands on dissection

Endoscopic medial maxillectomies. Transpterygoid approach to the cavernous sinus and petrous apex

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

16:30 - 18:00

#### Round table: hot topics

##### in endoscopic skull base surgery

► P. Battaglia, G. Bertazzoni, M. Ferrari, P. Herman, D. Locatelli, D. Mattavelli, A. Pusateri, G. Sollini, S. Taboni, A. Vinciguerra, L. Volpi

## JULY 3

### Anatomy Laboratory

8:30 - 13:00

#### Hands on dissection

Transcribriform approach, transclival approach and odontoidectomy

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

13:00 - 13:30 **Lunch**

13:30 - 16:30

#### Hands on dissection

Temporoparietal fascial flap for posterior skull base reconstruction. Endoscopic approaches to and through the orbit

► B. Buffoli, F. Doglietto, A. Fiorindi, D. Mattavelli, V. Rampinelli, A. Schreiber

16:30 - 18:00

#### Round table: hot topics

##### in endoscopic skull base surgery

► A. Bizzoni, A. Carobbio, P. Castelnuovo, G. Contro, G. Danesi, J. T. Narayanan, A. Karligkiotis, V. Rampinelli, M. Rigante, L. Van Gerven

## JULY 4

### Didactic room

8:00 - 17:30

#### Live surgery

#### Round table: hot topics

##### in endoscopic skull base surgery

► F. Belotti, L. Cavallo, E. X. Cordero, F. Doglietto, E. Pasquini, T. F. Terzis, A. Vural, C. Zoia

## JULY 5

### Didactic room

8:00 - 16:00

#### Live surgery

#### Round table: hot topics

##### in endoscopic skull base surgery

► A. Biroli, D. Farina, A. Fiorindi, D. Mazzatenta



Marco Fontanella

Piero Nicolai

Cesare Piazza

Rita Rezzani