

FACULTY

COURSE DIRECTORS

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

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- PHILIPPE HERMAN - France
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- ALPEREN VURAL - Turkey

TUTORS

- REMO ACCORONA - Milan
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INFORMATION

LOCATIONS

HANDS-ON SECTION

University of Brescia - School of Medicine
Viale Europa, 11 - 25123 Brescia
Anatomy Laboratory: basement

LIVE SURGERY SECTION

ASST Spedali Civili - Brescia
P.le Spedali Civili 1- 25123 Brescia
Didactic room: stair 2, floor 6

With the unconditional support

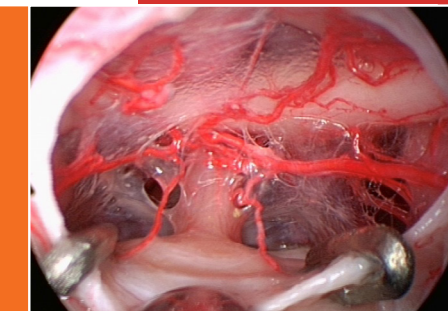


Under the auspices of



COURSE DIRECTORS

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



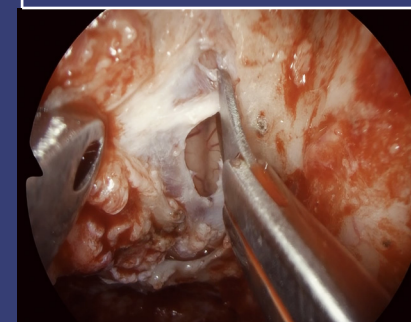
8th INTERNATIONAL SUMMER SCHOOL

JUNE 6 | 10

BRESCIA – ITALY

Transnasal Endoscopic Surgery: from sinuses to skull base

2022



HANDS-ON Anatomy Laboratory and Live Surgery

We are glad to welcome you in Brescia!

Aim of this course, which is now in its eighth 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 provides a hands-on session, followed by an interactive live surgery section.

The first three days are dedicated to the endoscopic endonasal dissection of injected, fresh frozen specimens. At the Anatomy Laboratory 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 are dedicated to live surgery, with three running operating rooms, in which different operations are 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 are 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 Wednesday June 8th.

JUNE 6 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

Skull base: anatomy and variants

► F. Bonomini, B. Buffoli

8:40 - 9:00

An endoscopic journey of the skull base

► P. Nicolai

9:00 - 9:20

Imaging of skull base anatomy and disease

► R. Maroldi

9:20 - 12:30

Hands on dissection

Modular transphenoidal approaches

12:30 - 13:20 **Lunch**

13:20 - 13:40

Endoscopic sinonasal anatomy: landmarks, tips and pitfalls

► F.R. Canevari

13:40 - 14:00

Endoscopic versus external frontal sinus surgery: when and how?

► J. Constantinidis

14:00 - 17:00

Hands on dissection

Transethmoidal and transfrontal corridors

JUNE 7 Anatomy Laboratory

8:00 - 8:20

Endoscopic approaches to the coronal plane: indications and complications

► P. Herman

8:20 - 8:40

Endonasal endoscopic surgery for clivus chordomas

► D. Bresson

8:40 - 12:30

Hands on dissection

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

12:30 - 13:20 **Lunch**

13:20 - 13:40

Endoscopic surgery for sinonasal benign lesions

► M. Bignami

13:40 - 14:00

Endoscopic trans-sphenoidal approaches: the ENT perspective

► M. Rigante

14:00 - 17:00

Hands on dissection

Transellar, transtuberculum, transplanum approaches and reconstruction

17:00 - 18:30

Clinical case corner

► N. Prepageran

JUNE 8 Anatomy Laboratory

8:00 - 8:20

Skull base reconstruction

► S. Ahmed

8:20 - 8:40

Endoscopic approaches to the petrous apex lesions

► A. Bizzoni

8:40 - 12:30

Hands on dissection

Transcribriform approach, transclival approach and odontoidectomy

12:30 - 13:20 **Lunch**

13:20 - 13:40

Endoscopic transorbital approaches: literary review and anatomical description

► A. Vural

13:40 - 14:00

Endoscopic transorbital approaches: surgical technique

► P. Battaglia

14:00 - 17:00

Hands on dissection

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

JUNE 9 Didactic room

8:00 - 8:30

Clinical cases of the day

8:30 - 17:30

Live surgery and lectures

► Chair: E. Fazio, A. Vural

Clinical case corner

► N. Prepageran

Management of sinonasal malignancies

► D. Mattavelli, A. Schreiber

Endoscopic treatment of craniopharyngiomas

► F. Doglietto, A. Fiorindi

JUNE 10 Didactic room

8:00 - 8:30

Clinical cases of the day

8:30 - 16:00

Live surgery and lectures

► Chair: E. Fazio, A. Vural

Skull base reconstruction with free flaps: when and how?

► C. Piazza

Pituitary adenomas

► L. Cavallo

Endonasal endoscopic surgery for meningiomas

► D. Locatelli

Cavernous sinus endoscopic surgery

► D. Mazzatenta, E. Pasquini

Marco Fontanella

Piero Nicolai

Cesare Piazza

Rita Rezzani

