

FACULTY

COURSE DIRECTORS

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

INTERNATIONAL FACULTY

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Albania
- **DAMIEN BRESSON**
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- **FRED GENTILI**
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- **MANFRED TSCHABITSCHER**
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- **ALPEREN VURAL**
Turkey

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- **FRANK RIKKI CANEVARI** – Alessandria
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- **MARIO TURRI ZANONI** – Varese
- **LUCA VOLPI** – Varese
- **ALPEREN VURAL** – Turkey

SECRETARIAT

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Under the auspices of



COURSE DIRECTORS

Marco Fontanella
Neurosurgery

Piero Nicolai
Otorhinolaryngology

Luigi F. Rodella
Anatomy



INFORMATION

LOCATIONS

HANDS-ON SECTION

University of Brescia
School of Medicine

Viale Europa, 11 - 25123 Brescia
Gross Anatomy Laboratory: basement

LIVE SURGERY SECTION

Spedali Civili - Brescia

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

WITH THE UNCONDITIONAL SUPPORT

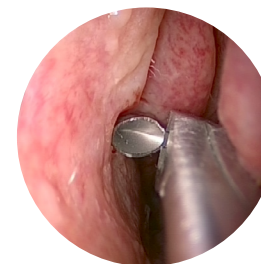


INTERNATIONAL SUMMER SCHOOL

JULY 9 | 13 2018

BRESCIA – ITALY

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



HANDS-ON
*Anatomy Laboratory
and Live Surgery*

We are glad to welcome you in Brescia!

Aim of this course, which is now in its fourth 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 July 12th.

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

Enjoy the course!

Marco Fontanella



Piero Nicolai



Luigi F. Rodella



Hands-on section

Gross Anatomy Laboratory

JULY 9 | 11 2018

University of 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

Live Surgery section

Didactic room

JULY 12 | 13 2018

Spedali Civili Brescia

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

Pituitary adenomas

► P. Cappabianca

Endoscopic surgery for sinonasal malignancies

► P. Nicolai

Endoscopic approaches to the coronal plane: indications and complications

► P. Herman

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