

FACULTY

COURSE DIRECTORS

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

INTERNATIONAL FACULTY

- **Damien BRESSON**
France
- **Fred GENTILI**
Canada
- **Philippe HERMAN**
France

NATIONAL FACULTY

- **Paolo BATTAGLIA** – Varese
- **Frank Rikki CANEVARI** – Alessandria
- **Paolo CASTELNUOVO** – Varese
- **Giorgio FRANK** – Bologna
- **Davide LOCATELLI** – Varese
- **Ernesto PASQUINI** – Bologna

LOCAL FACULTY

- **Barbara BUFFOLI**
- **Francesco DOGLIETTO**
- **Marco FONTANELLA**
- **Roberto GASPAROTTI**
- **Roberto MAROLDI**
- **Piero NICOLAI**
- **Pier Paolo PANCIANI**
- **Luca PIANTA**
- **Pietro L. POLIANI**
- **Luigi F. RODELLA**
- **Alberto SCHREIBER**
- **Roberto STEFINI**

TUTORS

- **Remo ACCORONA** – Brescia
- **Alfred AGA** – Tirana (AL)
- **Francesco BELOTTI** – Brescia
- **Giacomo BERTAZZONI** – Brescia
- **Marco FERRARI** – Brescia
- **Davide LANCINI** – Brescia
- **Davide MATTAVELLI** – Brescia
- **Pier Paolo MATTOGNO** – Brescia
- **Vittorio RAMPINELLI** – Brescia
- **Elena ROCA** – Brescia
- **Mario TURRI ZANONI** – Varese
- **Luca VOLPI** – Varese

SECRETARIAT

SCIENTIFIC SECRETARIAT

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ORGANIZING SECRETARIAT

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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 di 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

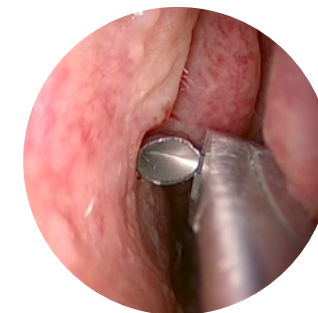
Piero Nicolai
Otorhinolaryngology

Luigi F. Rodella
Anatomy



JULY 3 | 7 2017
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 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 multidisciplinarity, 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 6th.

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

Enjoy the course!

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

Imaging of sellar and parasellar
pathology
R. Gasparotti

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

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:
Transphenoidal surgery
for craniopharyngiomas
F. Gentili

Cavernous sinus endoscopic
surgery
G. Frank, E. Pasquini

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. Stefini

Multiportal endoscopic approaches
to the skull base
P. Castelnuovo

Changes in the Landscape
of Skull Base Surgery:
Reflections on a 30 Year Career
F. Gentili