

FACULTY

COURSE DIRECTORS

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

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- **Damien BRESSON**
France
- **Fred GENTILI**
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- **Philippe HERMAN**
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- **Manfred TSCHABITSCHER**
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- **Giorgio FRANK**
Bologna
- **Davide LOCATELLI**
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- **Gherardo MAZZIOTTI**
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- **Ernesto PASQUINI**
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LOCAL FACULTY

 Brescia

- **Andrea BOLZONI VILLARET**
- **Barbara BUFFOLI**
- **Francesco DOGLIETTO**
- **Marco FONTANELLA**
- **Roberto GASPAROTTI**
- **Davide LOMBARDI**
- **Roberto MAROLDI**
- **Piero NICOLAI**
- **Luca PIANTA**
- **Pietro L. POLIANI**
- **Luigi F. RODELLA**
- **Alberto SCHREIBER**
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INFO

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

www.summerschool-endoscopicskullbase-brescia.com

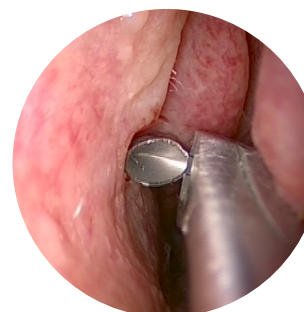
WITH THE UNCONDITIONAL SUPPORT



INTERNATIONAL SUMMER SCHOOL

JULY 4 | 8 2016

BRESCIA - ITALY



HANDS-ON ANATOMY LABORATORY AND LIVE SURGERY



Under the auspices of



COURSE DIRECTORS

- **Marco Fontanella**
Neurosurgery
- **Piero Nicolai**
Otolaryngology
- **Luigi F. Rodella**
Anatomy



TRANSNASAL
ENDOSCOPIC
SURGERY:
FROM SINUSES
TO SKULL BASE

PROGRAM

We are glad to welcome you in Brescia!

Aim of this course, which is now in its second 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 lectures by the faculty members.

The following two days will be dedicated to live surgery, with at least two 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 endocrinology.

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 7th.

Enjoy the course!

Marco Fontanella



Piero Nicolai



Luigi F. Rodella



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 - 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
Transpterygoid approach to the
cavernous sinus and petrous apex

12:30 - 13:30 Lunch

13:30 - 17:00
Hands on dissection
Transclival approach and
odontoidectomy

17:00 - 17:30
Anterior skull base endoscopic
anatomy
P. Battaglia

●●● DAY 3

Gross Anatomy Laboratory
University of Brescia

8:30
Endoscopic approaches
to the coronal plane
P. Herman

9:00 - 12:30
Hands on dissection
Transcribiform approach
Transmaxillary approach
to the infratemporal fossa

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:
Pituitary adenomas: the
endocrinologist point of view
G. Mazziotti

Pituitary adenomas
P. Cappabianca

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

Imaging of sellar and parasellar
pathology
R. Gasparotti

Endoscopic surgery for sinonasal
malignancies
P. Nicolai

LIVE SURGERY SECTION

●●● DAY 5

Didactic room - Spedali Civili Brescia

8:00
Clinical cases of the day

8:30 - 17:30
Live surgery and lectures

Lectures of the day:
Multiportal endoscopic approaches
to the skull base
P. Castelnuovo

Cavernous sinus endoscopic
surgery
G. Frank, E. Pasquini

Transphenoidal surgery
for craniopharyngiomas
F. Gentili

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. Stefani