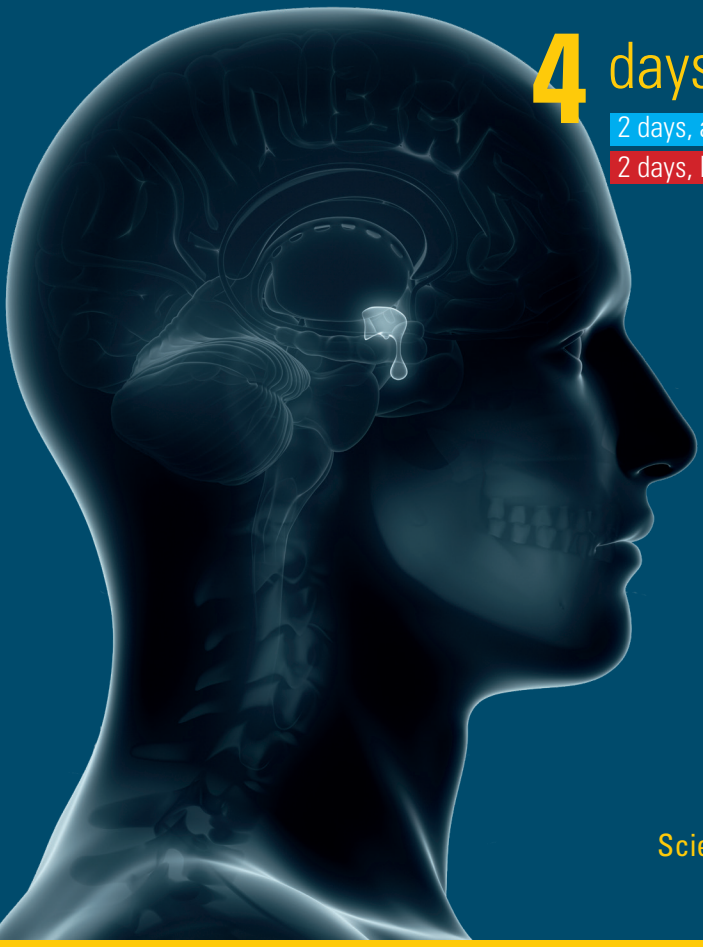
isnb IRCCS Istituto delle Scienze Neurologiche di Bologna

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
SCUOLA DI MEDICINA E CHIRURGIA

From Pituitary to Skull Base *course*

November 11th - 14th 2019, Bologna

- Institute of Normal Human Anatomy of the University of Bologna, via Irnerio 48, Bologna
- IRCCS Institute of Neurological Sciences of Bologna, via Altura 3, Bologna



4 days

2 days, anatomy dissection

2 days, live surgery

Chairman
Giorgio **Frank**

Course Directors
Diego **Mazzatenta**
Ernesto **Pasquini**

Scientific Secretariat
Matteo Zoli

ORGANISING SECRETARIAT | **MZ CONGRESSI SRL** | www.mzcongressi.com

AIM DESCRIPTION

The workshop that we are presenting is organized by the Center for Endoscopic Skull Base Surgery of Bologna, with the participation of internationally renowned surgeons.

Ours is a mixed group of ENT surgeons and Neurosurgeons, and since 1998 our activity has been focusing on Transnasal Endoscopic Skull Base Surgery.

It has been one of the pioneer centers for this technique with a wide experience in this field.

The transnasal endoscopic surgery was initially used for the endosellar lesions such as pituitary adenomas, but now, the indications have been expanded to the extrasellar pathologies such as craniopharyngiomas, meningiomas, chordomas etc.

Besides the excellent results however, there are limitations and complications, which we need to be aware of and to be able to manage.

To begin this kind of surgery, it is not sufficient to be able to use the endoscope and to know the anatomy of the skull base. These aspects can be covered by participating in one of the numerous endoscopic dissection courses that are now held all over the world and that we highly recommend.

Our course is ambitious to be different and attempts to transfer our patrimony of knowledge of this pathology and of this technique, that we have gathered over the years.

With us in the operating theatre, you will be able to observe tips and tricks (from the position of the patient, to how the team is positioned, to the instruments of support that we use) that help us to simplify the surgery.

We are at the 18th edition of our workshop and we can state that the formula has proven to be successful.

We are proud to count among our past students and supporters some of the best endoscopic skull base surgeons worldwide.

We look forward to meeting you in Bologna.

8.30 Registration

9.00 Welcome and introduction **E. Pasquini**

A. MIDLINE CORRIDORS

9.30 Instrumentation and technological supports **P. Farneti**

10.00 Surgical midline endoscopic anatomy:

a. Standard and supradiaphragmatic approaches **D. Mazzatenta**

b. Transcribriform approach **G. Sollini**

10.40 HANDS ON DISSECTION

13.00 Light buffet lunch

14,00 Surgical midline endoscopic anatomy for transclival and CVJ approaches **E. Pasquini**

14.30 HANDS ON DISSECTION

16.00 Open coffee

17.30 End of daily session

9.00 Faculty panel: critical evaluation of the first day of work

B. LATERAL CORRIDORS

Surgical lateral endoscopic anatomy:

9.30 Transethmoidal corridor approaches (EPS) **G. Frank**

9.45 Transmaxillary approaches **E. Pasquini**

10.00 Transorbital approaches **M. Zoli**

10.15 HANDS ON DISSECTION

13.00 Light buffet lunch

14.00 Plastic repair techniques **E. Pasquini**

14.30 HANDS ON DISSECTION

17.30 Faculty panel: final remarks

18.00 Visit to the Anatomical Wax Museum "Luigi Cattaneo"

Housed in a historic building at the oldest still-operating university in the world, the Istituto di Anatomia Umana Normale has a collection of some of the first wax anatomical models ever made.

Bologna University was the first institution to create a series of wax anatomical models for their medical students.

8.00 Registration

8.15 Workshop presentation **E. Pasquini & D. Mazzatenta**

PITUITARY ADENOMAS

8.30 Endocrinological management - **M. Faustini Fustini**

8.45 Standard transsphenoidal approaches for pituitary adenomas - **E. Pasquini**

9.00 Extened transsphenoidal approaches - **E. Laws**

9.15 Clinical case & discussion: Presenter. **F. Guaraldi** Discussant: **P. Cappabianca**

9.35 Surgery 1: case presentation

9.40 Open Coffee

10,00 OPERATING ROOM: FIRST PROCEDURE

CRANIOPHARYNGIOMAS

11.00 Endoscopic endonasal approach for sellar e suprasellar craniopharyngiomas - **F. Doglietto**

11.15 Endoscopic endonasal approach for suprasellar and endoventricular craniopharyngiomas **D. Locatelli**

11.30 The relationship between craniopharingiomas and hypothalamus **- D. Mazzatenta**

11.45 Clinical case & discussion: Presenter. **L. Sambati** Discussant: **M. Locatelli**

MENINGIOMAS

12.05 The world upside: anterior skull base meningiomas - **P. Cappabianca**

12.30 Extended endoscopic approach for meningiomas - **M. Verstegen & F. Zenga**

12.50 Clinical case & discussion: Presenter. **A. Pirina** Discussant: **D. Mazzatenta**

13.05 Surgery 2: case presentation

13.10 Lunch

13,30 OPERATING ROOM: SECOND PROCEDURE

COMPLICATIONS MANAGEMENT | my worst case

14.30 Case 1: Ops! I did it again: ICA injury - **D. Mazzatenta & L. Cirillo**

14.50 Case 2: Surgery went too well, patient suddenly worsened - **F. Doglietto**

15.10 Case 3: A rollercoaster named sodium - **F. Guaraldi**

15.30 Case 4: My patient leaks again and again: management of recurrent CSF leak **G. Sollini & E. Pasquini**

15.50 Case 5: A mistake that I will not do again - **D. Mazzatenta & D. Locatelli**

16.00 Open Coffee

16.10 Round table on management of CSF-leak - **E. Pasquini, P. Castelnuovo, I. Dallan**

17.00 End of session

20.30 Social dinner

LECTIO MAGISTRALIS

08.30 **The lesson I learned from my first 6000 pituitary adenomas**
E. Laws

EXPANDED APPROACHES TO SKULL BASE

09.00 Endoscopic Endonasal Odontoidectomy: clinical results. Pro/contra - **F. Zenga**
09.15 Infratemporal fossa & Meckel's cave: clinical series - **E. Pasquini**
09.30 Transorbital approach - **I. Dallan**
09.45 Clinical case & discussion: Presenter. **G. Sollini** • Discussant: **I. Dallan**
10.05 Surgery 3: case presentation
10,10 Open Coffee

10,30 OPERATING ROOM: THIRD PROCEDURE

MONITORING IN TRANSSPHENOIDAL SURGERY

11.30 IOM: how and when can help the surgeon - **F. Pastorelli**
11.45 Operative monitoring during endoscopic endonasal surgery.
My own experience and literature review - **F. Doglietto**
12.00 Clinical case & discussion: Presenter. **E. La Corte** • Discussant: **F. Zenga**
12.20 Surgery 4: case presentation
12.30 Lunch

13,00 OPERATING ROOM: FOURTH PROCEDURE

SKULLBASE CHORDOMAS

14.00 Management of chordoma, the role of:

- Surgeon: **D. Mazzatenta**
- Pathologist: **A. Righi & M. P. Foschini**
- Radiotherapist: **A. Iannalfi**

15.00 Coffee break

MINI SYMPOSIUM: THE NEW ROLE OF 3D VISUALIZATION (in collaboration with **Karl Storz**)

15.30 3D endoscopy advantages - **F. Doglietto**
15.50 3D endoscopy limits - **F. Zenga**
16.10 Preliminary report on VITOM - **D. Mazzatenta**
16.30 Evaluation & Final Conclusion - **D. Mazzatenta, E. Pasquini**

GENERAL INFORMATION

- only anatomy dissection **2.000€**
- only live surgery **1.100€**
- whole course - 4 days **2.800€**

ITALIAN VAT 22% IS NOT INCLUDED IN THE ABOVE FEES

The first two days of Anatomy Dissection will take place at the Institute of Normal Human Anatomy of the University of Bologna, via Irnerio 48, Bologna, while the following two days of Live Surgery will be performed at the IRCCS Institute of Neurological Sciences of Bologna, via Altura 3, Bologna.

HOW TO REACH US

INSTITUTE OF NORMAL HUMAN ANATOMY UNIVERSITY OF BOLOGNA	IRCCS ISNB
BY PLANE Take BLQ bus to via dei Mille, take bus 28 to Fiera Palazzo Congressi. Stop Porta S. Donato. **BY BUS** Take bus 36 to Ospedale Bellaria, stop Porta S. Donato. **BY TRAIN** Take bus 32 or 36 to Ospedale Bellaria, stop Porta S. Donato. **BY CAR** From the tangenziale. Take the exit 7 to via Stalingrado and follow direction Viali (Porta S. Donato). Parking via Filippo RE.	**BY PLANE** From Bologna airport. Take BLQ bus to the railway station, take bus 36 to Ospedale Bellaria. **BY BUS** From Piazza Cavour (City center), take bus 90 to Ospedale Bellaria. **BY TRAIN** Take bus 36 to Ospedale Bellaria, in front of the railway station. **BY CAR** From the tangenziale.Take the exit 13 to via Emilia Levante and follow direction. From A14 (autostrada). Take San Lazzaro exit to via Emilia Levante and follow direction.

FACULTY

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