

## FRIDAY, FEBRUARY 3<sup>RD</sup>

**PRACTICAL SESSION** (S. Froelich - M. Falcioni - R. Galzio)

08:30 **STEP BY STEP APPROACHES (RETROSIGMOID - PRESIGMOID - SUBTEMPORAL) DISSECTION BY PARTECIPANTS**

11:00 **COFFEE BREAK**

11:15 **STEP BY STEP FAR-LATERAL APPROACHES DISSECTION BY PARTECIPANTS**

13:15 **LUNCH**

14:00 **QUESTIONS & ANSWERS**

**SEMINAR** MANAGEMENT OF PETROCLIVAL MENINGIOMAS  
(S. Froelich -V. D'Angelo)

14:30 **EPIDEMIOLOGY, CLINICAL PRESENTATION AND NATURAL HISTORY**  
F. Tomasello

14:50 **IMAGING**  
M. Grimaldi

15:10 **INTRAOPERATIVE MONITORING**  
E. Fava

15:30 **UPPER PETROCLIVAL MENINGIOMAS: DIFFERENT SURGICAL STRATEGIES**  
S. Froelich

16:00 **COFFEE BREAK**

16:20 **LOWER PETROCLIVAL MENINGIOMAS: DIFFERENT SURGICAL STRATEGIES**  
V. D'Angelo

16:50 **RESIDUAL TUMOR: RADIOSURGERY VS RADIOTHERAPY**  
P. Picozzi, M. Scorsetti

17:10 **DISCUSSION**  
L. Fariselli

## SATURDAY, FEBRUARY 4<sup>TH</sup>

ISTITUTO NEUROLOGICO CARLO BESTA

08:30 **VIRTUAL PRACTICAL SESSION**  
A. Perin

**SURGICAL APPROACH TO PETROCLIVAL MENINGIOMAS**

12:00 **CLOSING**

## VENUE

**Centro Congressi Humanitas**

Via Manzoni, 113 - Rozzano MI

## REGISTRATION

It is necessary to be registered on [www.humanitasedu.it](http://www.humanitasedu.it)

Module 1 & 2 - Theory And Practice + Seminar & Virtual Session - **FREE FOR THE FIRST 8 PARTICIPANTS**

Module 1 & 2 - Theory + Seminar & Virtual Session - **FREE FOR THE FIRST 20 PARTICIPANTS**

## PATRONAGES REQUESTED



## ORGANIZING SECRETARIAT



**PLS Educational srl**

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**HUMANITAS**  
NEURO CENTER

February, 1-4, 2017

## FIRST MICROSURGICAL INNOVATION LAB COURSE:

ENDOSCOPIC AND  
MICROSURGICAL APPROACHES  
TO THE SKULL BASE.  
HANDS-ON.



preliminary program

## INTRODUCTION

Dear colleagues and friends, the complexity and importance of nervous and vascular structures located in or close to the skull base has led to the development of different approaches, to reach deeply located tumors impinging, encasing or dislocating arteries, veins and nerves of the utmost functional importance. Aim of the course is to provide the disciples with a thorough knowledge of the relevant anatomy encountered performing these approaches. For this course we have chosen to focus on the endoscopic approaches to the skull base, which have become increasingly popular in recent years and on the approaches to tumors which are more rarely used than their supratentorial counterparts. The course is articulated in video and upfront lessons from experts in the field and practical dissections performed under tutors' surveillance, following a teacher's dissection. A seminar about "state of art" management of petroclival meningiomas will take place. To this practical course, not different from many others, we have thought to add a session of virtual reality dissection, thanks to the collaboration of our friends at the Istituto Neurologico Nazionale "Carlo Besta". We hope that all of you will enjoy your stay in Milan and leave with something useful for your clinical practice.

## COURSE PRESIDENTS

Maurizio Fornari, Francesco Di Meco

## COURSE DIRECTORS

Antonio Bernardo, Andrea Cardia, Giovanni Colombo  
Giovanni B. Lasio, Alessandro Perin

## HONORED GUESTS

Sebastien Froelich	Vincenzo D'Angelo
Francesco Tomasello	Franco Servadei
Giulio Maira	Alessandro Ducati

## FACULTY

Paolo Cappabianca	Diego Mazzatenta
Paolo Castelnuovo	Ernesto Pasquini
Maurizio Falcioni	Piero Picozzi
Laura Fariselli	Arturo Poletti
Enrica Fava	Riccardo Rodriguez y Baena
Paolo Ferroli	Marco Saini
Renato Galzio	Marta Scorsetti
Marco Grimaldi	Francesco Zenga
Davide Locatelli	

## TUTORS

Francesco Acerbi, Carlo Bortolotti, Davide Milani,  
Federico Pessina, Delia Cannizzaro, Andrea Saladino

## WEDNESDAY, FEBRUARY 1<sup>ST</sup>

14:00 **REGISTRATION**

14:30 **INTRODUCTION OF EDUCATIONAL PROGRAM**  
(WFNS, F. Servadei)

14:45 **COURSE PRESENTATION**

### MODULE 1

#### ENDOSCOPIC ENDONASAL APPROACHES TO SKULL BASE

THEORETICAL AND VIDEO SESSION (G.B. Lasio)

15:00 **3D MIDLINE SKULL BASE ANATOMY: ABOVE AND BELOW**  
A. Bernardo

### SURGICAL APPROACHES

15:30 **SELLAR AND SUPRASellar REGION**  
G.B. Lasio

15:50 **ANTERIOR CRANIAL BASE**  
P. Cappabianca

16:10 **CAVERNOUS SINUS**  
D. Mazzatenta

16:30 **QUESTIONS & ANSWERS**

16:50 **INFRATEMPORAL AND PTERIGOPALATINE FOSSA**  
G. Colombo

17:10 **ORBITAL APEX**  
P. Castelnuovo, D. Locatelli

17:30 **PETROUS APEX AND MECKEL'S CAVE**  
E. Pasquini

17:50 **CLIVUS AND CRANIO-VERTEBRAL JUNCTION**  
F. Zenga

18:10 **DISCUSSION**  
D.Locatelli, A.Ducati, M.Falcioni, R Rodriguez Y Baena

## THURSDAY, FEBRUARY 2<sup>ND</sup>

08:30 **PRACTICAL SESSION** (G. Colombo - D. Mazzatenta)  
**STEP BY STEP ENDOSCOPIC APPROACHES**  
DISSECTION BY PARTECIPANTS

11:00 **COFFEE BREAK**

11:30 **STEP BY STEP ENDOSCOPIC APPROACHES**  
DISSECTION BY PARTECIPANTS

13:15 **LUNCH**

14:00 **QUESTIONS & ANSWERS**

### MODULE 2

#### SURGICAL APPROACHES TO POSTERIOR FOSSA

THEORETICAL AND VIDEO SESSION (A. Cardia - F. Tommsello)

14:30 **3D CEREBELLO-PONTINE AND PETROUS BONE ANATOMY**  
A. Bernardo

### SURGICAL APPROACHES

15:00 **RETROSIGMOID APPROACH**  
A. Cardia

15:20 **PRESIGMOID APPROACH**  
M. Falcioni

15:40 **SUBTEMPORAL TRANSTENTORIAL APPROACH**  
G. Maira

16:00 **COMBINED APPROACH**  
G. Colombo, A. Poletti, R Rodriguez Y Baena

16:20 **QUESTIONS & ANSWERS**

14:45 **3D CRANIOCERVICAL AND JUGULAR FORAMEN ANATOMY**  
A. Bernardo

### SURGICAL APPROACHES

17:15 **FAR-LATERAL TRANS-CONDILAR AND EXTREME LATERAL APPROACH**  
R. Galzio

18:00 **DISCUSSION**  
P. Ferroli, M. Saini, V. D'angelo, G. Maira, A. Poletti

20:00 **DINNER**