

**CRESCENDO - HYBRID PSICOMOTOR  
SKILLS TRAINING COURSE  
ENDOSCOPIC TRANSNASAL AND  
TRANSORBITAL APPROACHES**

Verona, March 13-15, 2027

**REGISTRATION FORM IS AVAILABLE ON OUR WEBSITE  
WWW.ICLO.EU**

**REGISTRATION FEES**

1.400,00 € VAT INCLUDED (ALL INCLUSIVE)

1.200,00 € VAT INCLUDED  
(NO HOTEL - ONLY N. 1 DINNER INCLUDED)

**FEE INCLUDES:**

CATERING SERVICES DURING THE COURSE

SURGICAL MATERIAL

ATTENDANCE CERTIFICATE

WET LAB INSURANCE

N. 2 DINNERS AND N. 2 HOTEL NIGHTS

(INCLUDING BREAKFAST)

N. 1 SPECIMEN AND N. 1 SIMULATOR BOX TNS UPSURGEON  
EVERY 2 ATTENDEES

**OBSERVER FEE**

**3-DAYS OBSERVER**

€ 700,00 VAT INCLUDED (INSURANCE, CATERING SERVICE  
AND CERTIFICATE - NO HOTEL AND DINNERS INCLUDED)

**1-DAY OBSERVER (ONLY SECOND DAY)**

€ 250,00 VAT INCLUDED (INSURANCE,  
CATERING SERVICE AND CERTIFICATE INCL.)

**HOW TO REACH THE CONGRESS VENUE**

THE COURSE WILL BE HELD AT  
ICLO TEACHING AND RESEARCH CENTER  
SAN FRANCESCO DI SALES  
VIA E. TORRICELLI, 15/A - 37135 VERONA

**QR POSITION**



SCAN WITH YOUR PHONE QR CODE TO GET THE NAVIGATOR

**I | C | L | O**

**EVOLVING SURGERY, APPLIED.**

**COURSE VENUE**

ICLO Teaching and Research Center  
Via E. Torricelli, 15/A - 37135 Verona

**ORGANIZING SECRETARIAT AND CME PROVIDER**

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**I C L O**  
FOUNDATION

**Crescendo** 6<sup>th</sup> EDITION

Hybrid Psicomotor skills training course

# Endoscopic transnasal and transorbital approaches

Verona, March 13-15, 2027

ICLO TEACHING AND RESEARCH CENTER

Course Directors

**Francesco Doglietto**  
**Fabio Pagella**  
**Mario Rigante**  
**Cesare Zoia**

Faculty

**Edoardo Agosti**  
**Paolo Battaglia**  
**Daniele Bongetta**  
**Alessandro Carretta**  
**Francesco Corrivetti**  
**Diego Criminelli**  
**Matteo De Notaris**  
**Giuseppe Di Perna**  
**Ciro Mastantuoni**  
**Pier Paolo Mattogno**  
**Federico Nicolosi**  
**Federica Penner**  
**Amedeo Piazza**  
**Simona Seriola**  
**Domenico Solari**  
**Fabio Sovardi**  
**Giannantonio Spena**  
**Matteo Zoli**

The endoscopic approaches to the sellar region and the skull base, developed in the last twenty years, have become a cultural background that young neurosurgeons and otolaryngologists must possess. Currently they represent the surgical technique of choice for the treatment of the majority of sellar and parasellar lesions and could be a good option for sphenoid-orbital pathologies.

The anatomical knowledge of the rhinosinusal area and the natural access route to the sella, the skull base, the intracranial compartment and the orbit is the fundamental prerequisite for safely undertaking a surgical endoscopic procedure. The CrescEndo hybrid dissection course is aimed at acquiring mastery of the endoscopic technique and the study of anatomy in relation to surgical procedures.

The theoretical part is deliberately reduced to the bare minimum, while large space will be dedicated to dissection on the simulator and on the anatomical specimen (injected into its vascular component), which will be guided in every single phase by the teachers. In particular, the UpSurgeOn TNS boxes and the VR will be used during the first day to simulate the approach to the sellar region and acquire manual skills in the use of the endoscope and surgical instruments; during the second and third day, what was done on the first day will be replicated on the specimens; approaches to the anterior cranial fossa, to the cavernous sinus to the clivus and the orbit will also be addressed.

This course is therefore dedicated to all those who wish to improve their knowledge of the sellar district in order to gain greater confidence in daily clinical practice, but in particular to young neurosurgeons and otolaryngologists who want to approach the world of transnasal and transorbital endoscopy.

The course aims to strongly enhance the learning of endoscopic approaches. To this end, the learning process begins before the course: pdf material (articles, book chapters, etc.) will be sent as a suggestion to study the topics covered by the course and learners will have to download the Apps (Craniotomies Full + TNS) in order to familiarize yourself with their use. During the course there will be UpSurgeOn delegates who will help teachers and learners in the use of Apps and Boxes

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 6<sup>TH</sup> EDITION  
**SCIENTIFIC PROGRAM**

**SATURDAY, MARCH 13**

- 10:30 Registration
- 10:45 Presentation of the course / Greetings - *F. Pagella, C. Zoia*
- 11:00 Our "corridor", hints of rhinosinusal anatomy - *M. Rigante*
- 11:20 Our "target", endoscopic approaches to the sellar region - *F. Doglietto*
- 11:40 Hybrid training philosophy - *F. Nicolosi*
- 12:00 Clinical cases - *P. P. Mattogno, D. Solari, M. Zoli*
- 12:30 Light Lunch
- 13:30 **DISSECTION ON SIMULATORS**
  - Paraseptal approach, removal of middle and superior turbinates
  - Nasoseptal flap preparation
- 16:00 Coffee Break
- 16:15 Clinical case - *E. Agosti*
- 16:30 CAD LAB
  - Sellar floor and dural opening, adenoma removal
  - Closure: dural plastic and flap positioning

**A VIRTUAL REALITY SESSION WILL BE CONDUCTED IN A DIFFERENT ROOM SIMULTANEOUSLY**
- 18:30 Before opening you must know how to close - *P. Battaglia*
- 18:50 Final Remarks - *G. Spena*

**SUNDAY, MARCH 14**

- 08:30 CAD LAB
  - Paraseptal approach, removal of middle and superior turbinates
  - Nasoseptal flap preparation
  - Sphenoid opening, removal of posterior septum

- 10:30 Coffee Break
- 10:45 CAD LAB
  - Transthmoidal approach
  - Sellar floor and dural opening, intradural exploration
- 12:30 Light Lunch
- 13:30 CAD LAB
  - Transtuberculum/transplanum approach
  - Cavernous sinus dissection
  - Orbital decompression
  - Removal of septum, approach to the anterior skull base, removal of crista galli
- 16:10 Coffee Break
- 16:20 CAD LAB
  - Transclival Approach
  - Odontoidectomy
- 18:30 Final remarks - *G. Spena, C. Zoia*

**MONDAY, MARCH 15**

- 08:30 Orbit, hints of anatomy and standard approaches - *D. Bongetta*
- 08:50 The Transorbital approach - *C. Zoia*
- 09:10 Clinical Cases - *M. De Notaris*
- 09:30 CAD LAB
  - Transorbital approach
- 10:30 Coffee Break
- 10:45 CAD LAB
- 12:00 Final remarks - *F. Pagella, C. Zoia*

**During hands-on sessions all Faculty will stay in wet lab room to support participants**