

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

**Verona, March 4-5-6 2023**

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

**REGISTRATION FEES**  
**1.450,00 € VAT INCLUDED (ALL INCLUSIVE)\***  
**1.230,00 € VAT INCLUDED**  
**(NO HOTEL & ONLY NR. 1 DINNER INCLUDED)**

**FEE INCLUDES**  
CATERING SERVICES DURING THE COURSE  
SURGICAL MATERIAL  
ATTENDANCE CERTIFICATE  
WET LAB INSURANCE  
NR. 2 DINNERS AND NR. 2 HOTEL NIGHTS  
(INCLUDING BREAKFAST)\*  
NR. 1 SPECIMEN AND NR. 1 SIMULATOR BOX TNS  
UPSURGEON EVERY 2 ATTENDEES

**ENROLLMENT IS LIMITED FOR MAX 16 ATTENDEES**

**COURSE OBJECTIVE**  
TO INCREASE ENDOSCOPIC SKILLS AND VERIFY THE  
KNOWLEDGE OF TRANSNASAL AND TRANSORBITAL  
ENDOSCOPIC APPROACHES THROUGH THE USE OF  
SIMULATORS, VIRTUAL REALITY AND CADAVERIC  
DISSECTION

**COURSE TARGET**  
TRAINEES AND SPECIALISTS IN NEUROSURGERY AND  
OTOLARYNGOLOGY

**COURSE PROGRAM**  
FIRST DAY: LESSONS, PRACTICAL EXERCISES AND  
SIMULATORS, VIRTUAL REALITY  
SECOND AND THIRD DAY: DISSECTION ON CADAVER

**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

**WITH THE SUPPORT OF**

**Medtronic**  
**UpSurgeOn**



Under the patronage of



**Crescendo** Second Edition  
**Hybrid Psicomotor skills training course**

**Endoscopic  
transnasal and  
transorbital  
approaches**

**Verona, March 4-5-6 2023**  
**ICLO TEACHING AND RESEARCH CENTER**

*Course Directors*

**Fabio Pagella**  
**Cesare Zoia**

*Faculty*

**Daniele Bongetta**  
**Francesco Corrivetti**  
**Matteo De Notaris**  
**Francesco Doglietto**  
**Enzo Emanuelli**  
**Elina Matti**  
**Pier Paolo Mattogno**  
**Marco Moschino**  
**Federico Nicolosi**  
**Luca Perna**  
**Mario Rigante**  
**Domenico Solari**  
**Giannantonio Spena**  
**Matteo Zoli**





## CRESCENDO - HYBRID PSICOMOTOR SKILLS TRAINING COURSE ENDOSCOPIC TRANSNASAL AND TRANSORBITAL APPROACHES SCIENTIFIC PROGRAM

### SATURDAY, MARCH 4

10.30-10.45	Registration of participants
10.45-11.00	Presentation of the course / Greetings – <i>F. Pagella, C. Zoia</i>
11.00-11.20	Our "corridor", hints of rhinosinusal anatomy – <i>M. Rigante</i>
11.20-11.40	Our "target", endoscopic approaches to the sellar region – <i>F. Doglietto</i>
11.40-12.00	How to use UpSurgeOn simulators – <i>F. Nicolosi</i>
12.00-12.30	Clinical cases – <i>P. P. Mattogno, D. Solari, M. Zoli</i>
12.30-13.30	Light Lunch
13.30-16.00	DISSECTION ON SIMULATORS <ul style="list-style-type: none"> <li>• Paraseptal approach, removal of middle and superior turbinates</li> <li>• Nasoseptal flap preparation</li> </ul>
16.00-16.15	Coffee break
16.15-16.30	Clinical case – <i>L. Perna</i>
16.30-16.45	DISSECTION ON SIMULATORS <ul style="list-style-type: none"> <li>• Sellar floor and dural opening, adenoma removal</li> <li>• Closure: dural plastic and flap positioning</li> </ul>
16.45-18.30	PARALLEL VIRTUAL REALITY SECTION
18.30-18.50	Before opening you must know how to close – <i>M. Rigante</i>
18.50-19.00	Final Remarks – <i>G. Spena</i>

### SUNDAY, MARCH 5

08.30-10.30	CADAVERIC DISSECTION <ul style="list-style-type: none"> <li>• Paraseptal approach, removal of middle and superior turbinates</li> </ul>
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	<ul style="list-style-type: none"> <li>• Nasoseptal flap preparation</li> <li>• Sphenoid opening, removal of posterior septum</li> </ul>
10.30-10.45	Coffee break
10.45-12.30	CADAVERIC DISSECTION <ul style="list-style-type: none"> <li>• Transtethmoidal approach</li> <li>• Sellar floor and dural opening, intradural exploration</li> </ul>
12.30-13.30	Light Lunch
13.30-16.10	CADAVERIC DISSECTION <ul style="list-style-type: none"> <li>• Transtuberulum/transplanum approach</li> <li>• Cavernous sinus dissection</li> <li>• Orbital decompression</li> <li>• Removal of septum, approach to the anterior skull base, removal of crista galli</li> </ul>
16.10-16.20	Coffee break
16.20-18.30	CADAVERIC DISSECTION <ul style="list-style-type: none"> <li>• Transclival Approach</li> <li>• Odontoidectomy</li> </ul>
18:30	Final remarks – <i>G. Spena, C. Zoia</i>

### MONDAY, MARCH 06

08.30-08.50	Orbit, hints of anatomy and standard approaches - <i>D. Bongetta</i>
08.50 -09.10	The Transorbital approach - <i>C. Zoia</i>
09.10-09.30	Clinical Cases - <i>M. De Notaris, F. Corrivetti</i>
09.30-10.30	CADAVERIC DISSECTION <ul style="list-style-type: none"> <li>• Transorbital approach</li> </ul>
10.30-10.45	Coffee Break
10.45-12.00	CADAVERIC DISSECTION
12.00	Final remarks - <i>F. Pagella, C. Zoia</i>

*During the practical exercises there will be a simulation box and a cadaveric head every two learners"*

### COURSE PRESENTATION

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

#### Course Directors

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#### Faculty

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