



## THE MODERN SINONASAL SURGERY: ANATOMY, DIAGNOSTICS AND OPERATIVE TECHNIQUES

### REGISTRATION

Enrollment is limited to 20 participants. For registering in a few simple step click on the following link:

<http://www.ospedativarese.net/corsiformazione/con-iscrizione>

Find the course into the published list of courses and fill-in the on-line registration form. Applications must be submitted within 30 days before the beginning of the course.

Course fee: € 1.200,00 (+ VAT 22%)  
Course fee € 1.000,00 (+ VAT 22%) only  
for IAR and A.I.C.NA Members  
Course fee € 600,00 (+VAT 22%)  
Residents

CME credits have been assigned by the  
Italian Ministry of Health. A final test is  
required to get the credits.

Registration fee includes:

- tuition
- coffee-breaks
- lunches
- gala dinner
- certificate of attendance

### CANCELLATION POLICY

Cancellation received within the registration deadline (30 days before the beginning of the course): 80% refund. Cancellation received beyond the registration deadline: no refund. The name of the participant can be changed within one week prior to the course.

### PAYMENT MODALITIES

#### Bank transfer to:

A.O. Ospedale di Circolo e Fondazione Macchi, Varese

#### Indicating:

causal event title, name and surname edition participant.

Intesa Sanpaolo Bank branch Varese 2902 ;

IBAN : IT 27A0306910810100000300010

Employees Public Entities - payment made directly by the Ente  
Bank of Italy : IBAN : IT 7700100003245138300306345

A confirmation will be sent after receipt of the application form and bank transfer.

### ACCOMODATIONS & TRAVEL For additional information kindly contact us.

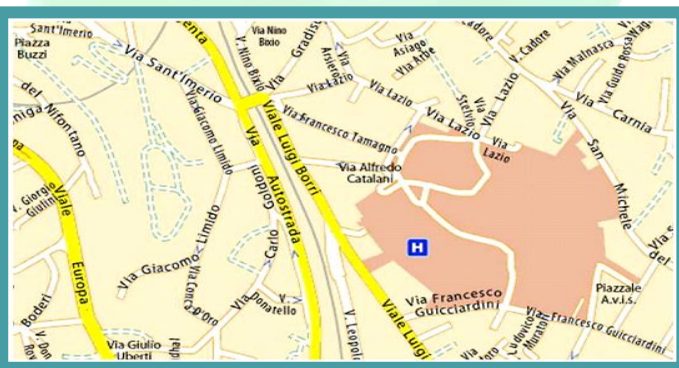
### INSURANCE

Organizers do not accept responsibility for individual medical, travel or personal expenses. Registrants are strongly advised to take out their own personal insurance policies.

### EVENT LOCATION

#### Department of Otorhinolaryngology

(4th floor)  
Ospedale di Circolo e Fondazione Macchi  
Polo Universitario  
Via Guicciardini 9, 21100 Varese - Italy



## THE MODERN SINONASAL SURGERY: ANATOMY, DIAGNOSTICS AND OPERATIVE TECHNIQUES

### FACULTY / TUTORS

- S. Balbi Dept. Neurological Surgery Varese
- R. Bartolini O.R. Forensic Medicine Varese
- P. Battaglia Dept. Otorhinolaryngology Varese
- M. Bignami Dept. Otorhinolaryngology Varese
- A. Bolzoni Villaret Dept. Otorhinolaryngology Brescia
- M. Bonzini Dept. Occupational Medicine Varese
- F.R. Canevari Dept. Otorhinolaryngology Alessandria
- P. Carena Dept. Otorhinolaryngology Pavia
- P. Castelnovo Dept. Otorhinolaryngology Varese
- S. Costabeber O.R. ENT/NCH Varese
- I. Dallan Dept. Otorhinolaryngology Pisa
- F. De Bernardi Dept. Otorhinolaryngology Varese
- G. Di Giulio Dept. Radiology Pavia
- E. Emanuelli Dept. Otorhinolaryngology Padova
- C. Facco Dept. Histopathology Varese
- F. Ferrelli Dept. Otorhinolaryngology Varese
- G. Frank Dept. Neurological Surgery Napoli
- G. Galli O.R. Forensic Medicine Varese
- R. Gera Dept. Otorhinolaryngology Milano
- P. Latorre Dept. Otorhinolaryngology Varese
- A. Leonardi Dept. Radiology Varese
- D. Locatelli Dept. Neurological Surgery Legnano
- D. Lombardi Dept. Otorhinolaryngology Brescia
- A. Macchi Dept. Otorhinolaryngology Varese
- G. Manghera O.R. ENT/NCH Varese
- A. Mercuri Dept. Radiology Varese
- P. Nicolai Dept. Otorhinolaryngology Brescia
- G. Padoan Dept. Otorhinolaryngology Varese
- F. Pagella Dept. Otorhinolaryngology Pavia
- P. Palma Dept. Otorhinolaryngology Varese
- E. Pasquini Dept. Otorhinolaryngology Bologna
- A. Pistochini Dept. Otorhinolaryngology Varese
- L. Sammarchi Dept. Radiology Pavia
- C. Spinelli O.R. ENT/NCH Varese
- D. Stanoppi O.R. ENT/NCH Varese
- A. Tabano Dept. Neurological Surgery Varese
- M. Tavani Dept. Forensic Medicine Varese
- P. Terranova Dept. Otorhinolaryngology Varese



#### Scientific Secretariat

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#### Organizing Secretariat

[www.ospedativarese.net](http://www.ospedativarese.net)

Mrs. Sabrina Nascimbene

Staff Training Office A.O. Ospedale di Circolo e Fondazione Macchi, Polo Universitario

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Ospedale  
di Circolo  
Fondazione  
Macchi  
Varese



In collaborazione con



S.S. Formazione del Personale: Responsabile D.ssa Maria Teresa Aletti  
Dipartimento Cervico Facciale: Direttore Prof. Paolo Castelnovo



## THE MODERN SINONASAL SURGERY: ANATOMICAL, DIAGNOSTICS AND OPERATIVE TECHNIQUES

**17-19 March 2015**  
**13-15 April 2015**

**Advanced Course** english  
**Basic Course** italian

**07-09 September 2015**  
**05-07 October 2015**

**Basic Course** english  
**Advanced Course** italian

**Course director:**  
**P. Castelnovo**



## THE MODERN SINONASAL SURGERY: ANATOMY, DIAGNOSTICS AND OPERATIVE TECHNIQUES

### INTRODUCTION

In the past years, endoscopic endonasal techniques underwent significant advances. Indeed, it is now possible to say that the nose and paranasal sinuses changed from just a potential site of various diseases to a natural surgical corridor toward hidden and deeper anatomical structures. Furthermore, the ability to resect and reconstruct skull base defects has dramatically improved, thus making endoscopic techniques a valuable tool for skull base surgeons. Given the ever expanding surgical options, a continuous improvement of anatomical knowledge is mandatory. However, thinking that the apex has already been reached would be erroneous.

For this reason, we designed a specific course where you will find the opportunity to attend classes of update on sinonasal pathology, specifically targeted on new diagnostic and surgical acquisitions.

The course includes a practical surgical training, which will be driven through operating sessions. The organization is residential with a daily basis (morning and afternoon) and with the constant presence of a tutor. Interaction with the faculty is facilitated by the small number of participants (max 12 members).

**Paolo Castelnuovo**



## THE MODERN SINONASAL SURGERY: ANATOMY, DIAGNOSTICS AND OPERATIVE TECHNIQUES

### PROGRAM AT A GLANCE BASIC COURSE

The basic three-days lasting workshop is grounded on sessions inside the surgical theatre, theoretical lessons and practical cavernic dissection. After the presentation of the daily clinical cases, participants will access the surgical theaters and debate the surgical procedures directly with the tutors. Lectures will relate to sinonasal surgical anatomy (macroscopic, endoscopic, 3D and radiologic), medical and surgical indications, making use of the precious support given by specialists from other disciplines. Afternoon sessions of step-by-step tutor-guided anatomical dissection complete the course. Furthermore, as the experience is basal, it is addressed to ENT specialists or residents who desire to deepen their knowledge on treatment of sinonasal inflammatory pathology and some other specific aspects such as particular techniques and the management of possible complications..

#### FIRST DAY

**Facilitator: F. Ferreli**

07:00 - Registration of participants

07:15 - Description of clinical cases - F. Ferreli (Faculty)

08:15 - Surgical anatomy of the sinonasal complex - FESS - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami (Faculty)

13:00 - LUNCH

13:30 - Imaging: Radiological anatomy of the sinonasal structures - A. Leonardi

14:00 - Video-guided step-by-step dissection (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi - G. Galli, R. Bartolini):

Endoscopic sinus surgery: identification of main surgical

landmarks - G. Padoan

Sinus Ballooning - F. Ferreli

Anterior sinus compartment surgery: uncinotomy, access to frontal sinus

Draf type I and II - P. Terranova, F. Pagella

Bimanual access to maxillary sinus (canine fossa approach) - P. Battaglia, P. Carena

18:00 - Panel discussion (Faculty-Tutors)

18:30 - First Day closing remarks

#### SECOND DAY

**Facilitator: A. Pistochini**

07:15 - Clinical cases presentation - A. Pistochini

08:15 - Specific techniques: DCR, orbit and optic nerve decompression, treatment for choanal atresia - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami, P. Nicolai

13:00 - LUNCH

13:30 - Imaging: differential diagnosis between sinonasal lesions - G. Di Giulio

14:00 - Video-guided step-by-step dissection (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi - G. Galli, R. Bartolini):

Surgical approach to posterior sinus compartment,

sphenoidotomies: paraseptal

and transthemoidal - A. Pistochini, A. Bolzoni Villaret

Optic nerve decompression - M. Bignami, A. Bolzoni Villaret

Orbit decompression - M. Bignami, D. Lombardi

Clivus, posterior cranial fossa and odontoid process - A.

Pistochini, D. Locatelli

18:00 - Panel discussion (Faculty - Tutors)

18:30 - First day closing remarks

#### THIRD DAY

**Facilitator: P. Terranova**

07:15 - Clinical cases presentation - P. Terranova

08:15 - Diagnosis & management of sinonasal complications - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami (Faculty)

13:00 - LUNCH

13:30 - Imaging: CSF-Leaks diagnostics - A. Mercuri

14:00 - Video-guided step-by-step dissection (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi - G. Galli, R. Bartolini):

Medial maxillectomy - P. Terranova, E. Emanuelli

Pterigo-palatine fossa - G. Padoan, E. Emanuelli

Spheno-palatine complex and MIA - F. De Bernardi, R. Gera

Hadad nasoseptal flap and dura plasty - G. Padoan, R. Gera

17:30 - Panel discussion (Faculty - Tutors)

18:00 - Filling of the CME test

18:30 - Take home message & closing remarks



## THE MODERN SINONASAL SURGERY: ANATOMY, DIAGNOSTICS AND OPERATIVE TECHNIQUES

### PROGRAM AT A GLANCE ADVANCED COURSE

The advanced three-days lasting workshop is grounded on sessions inside the surgical theatre, theoretical lessons and anatomical dissection. After the presentation of the daily clinical cases, participants will access the surgical theaters and debate the surgical procedures directly with the tutors. Magistral lectures and round tables will relate on sinonasal 3D anatomy, medical and surgical indications, making use of the precious support given by specialists from other disciplines. Afternoon sessions of step-by-step tutor-guided anatomical dissection complete the course. Furthermore, as the experience is advanced, it is addressed to medical doctors dealing with skull base pathology (ENT, neurosurgeons, maxillo-facial specialists and residents) who desire to deepen their knowledge of the endoscopic endonasal technique.

#### FIRST DAY:

**Facilitator: F. Ferreli**

07:00 - Registration of participants

07:15 - Presentation of clinical cases - F. Ferreli (Faculty)

08:15 - Surgical anatomy of the skull base - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami, P. Nicolai

13:00 - LUNCH

13:30 - Imaging: radiological anatomy of the skull base - A. Mercuri

14:00 - Video-guided step-by-step dissection - (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi, G. Galli, R. Bartolini)

Paraseptal sphenoidotomy with SPA's septal branch

conservation and medial approach to the

pituitary gland - F. De Bernardi, A. Bolzoni Villaret

Endoscopic Endonasal Craniectomy (EEC):

- Nasal septum resection, Frontal sinusotomy (Draf III type) and

debulking - P. Battaglia, D. Lombardi

- Centripetal removal and craniectomy - F. De Bernardi, S. Balbi

- Skull base reconstruction - F. Ferreli, S. Balbi

16:00 - 3D Vision of skull base anatomical structures - P. Battaglia

18:00 - Panel Discussion (Faculty-Tutors)

18:30 - Closing Remarks

#### SECOND DAY:

**Facilitator: A. Pistochini**

07:15 - Description of clinical cases - A. Pistochini (Faculty)

08:15 - Anatomy of the infratemporal fossa and parapharyngeal spaces - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami

13:00 - LUNCH

13:30 - Imaging: Differential diagnosis between skull-base lesions - G. Sammarchi

14:00 - Video-guided step-by-step dissection - (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi, G. Galli, R. Bartolini)

Transethmoidal-pterygoid-sphenoidal approach (TEPSA) and

Hadad nasoseptal flap - A. Pistochini, F.R. Canevari

Orbit nerve decompression - M. Bignami, F.R. Canevari

Sella, parasella and cavernous sinus - M. Bignami, D. Locatelli

Clivus, posterior cranial fossa and odontoid process -

A. Pistochini, D. Locatelli

16:00 - Pathological anatomy in skull base diseases - C. Faccio

18:00 - Panel discussion (Faculty - Tutors)

18:30 - First day closing remarks

#### THIRD DAY:

**Facilitator: P. Terranova**

07:15 - Description of clinical cases - P. Terranova

08:15 - Diagnosis & management of sinonasal complications - P. Castelnuovo

08:30 - Live surgery & debate - P. Castelnuovo, M. Bignami, E. Pasquini

13:00 - LUNCH

13:30 - Imaging: vascular radiological anatomy and radiological endoluminal procedures in skull base diseases - A. Giorgianni

14:00 - Video-guided step-by-step dissection (C. Spinelli, G. Manghera, S. Costabeber, D. Stanoppi, G. Galli, R. Bartolini)

Medial maxillectomy - P. Terranova, E. Pasquini

Orbit decompression - G. Padoan, E. Pasquini

Transantral and infratemporal approach - P. Terranova,

A. Tabano

Endonasal nasopharyngectomy and ICA's anatomy - G. Padoan,

A. Tabano

16:00 - The role of occupational medicine - M. Bonzini

17:30 - Panel discussion (Faculty - Tutors)

18:00 - Filling of the CME test

18:30 - Take-home message and closing remarks