EOC Ente Ospedaliero Cantonale
Università della Svizzera italiana

ADVANCED ENDOSCOPIC

SINUS SURGERY:
FRONTAL SINUS MASTERCLASS

Ospedale Regionale di Lugano Italiano
4th floor, Via Pietro Capelli 1, Lugano

Thursday, 03 September, 08h00 - 17h45
Friday, 04 September, 08h00 - 17h00

Course Directors M. Trimarchi
Guest of Honor P. J. Wormald
Faculty F. Barucca, C. Cambria, M. Caversaccio, D. Hinder, B. Landis, Samuel C. Leong, N. Melik, C. Schlegel, M. Soyka, E. Vyskocil, A. Reinhard, S. Pelucchi
Scientific Committee A. Pennacchi

Educational

This two-day intensive Frontal Sinus Surgery course will focus on frontal sinus dissection using state-of-the-art 3D printed anatomical models. Our multimaterial models offer varying degrees of anatomical complexity of the frontal sinus, allowing participants to approach the dissection in a progressive manner. The workshop will mainly focus on practical, step-by-step surgical dissection performed by participants under the careful supervision of world-renowned faculty. Each participant will perform up to 2 frontal sinus dissections and 1 modified Lothrop/ Draf 3 Endoscopy procedures. Particular emphasis will be placed on the use of motorized instruments in endoscopic sinus surgery, delving into the benefits and risks associated with this technique.

Paranasal sinuses model technology

Our advanced sinus dissection models are developed by Fusetec (Adelaide, Australia) and based on real CT scans of patients with chronic sinusitis. In collaboration with Professor Wormald, Fusetec has created a multi-material model that reproduces the different tissues within the paranasal sinuses. The latest generation of these models even allows you to perform septoplasties and mucosal flaps during dissections. The surgeon must be able to form a three-dimensional representation of the anatomy of the frontal recess in the mind, which allows for a planned and sequential dissection of each cell. This allows the surgeon to identify the cell to be removed on the CT scan and plan the dissection thus improving the outcome for the patient. A crucial element of the course will be the planning of surgery through three-dimensional (3D) reconstruction of the anatomy of the recessus frontalis, using the Stryker Building Block software. Participants will be able to understand the anatomy by examining CT scans and evaluating the frontal drainage path prior to surgery. The dissections will be performed using surgical instruments and videoendoscopic systems supplied by the most important companies in this field.

Programme

Thursday, 3rd September 2026

08h00 **Registration**

08h30 **Welcome and course introduction, objective setting, introduction to faculty and industry sponsors**
M. Trimarchi

08h40 **Radiological planning & Software Setup**
E. Vyskocilli

09h00 **Optimizing the surgical field**
D. Hinder

09h20 **Unlocking the frontal sinus**
P.J. Wormald

09h40 **Software use**
P.J. Wormald

10h20 **Key Lecture with Morning tea**
Navigation system in FESS surgery in 2025, where are we going?
M. Caversaccio

10h40 **Planning Surgery with SCOPSIS building blocks software Patient A**
P. J. Wormald

12h00 **Lunch with professor on Olfaction**
B. Landis

13h00 **Step by step surgery on models with all faculty**
Model A Red and Blue alternate following procedures: Septoplasty, Inferior turbinoplasty, MMA, Frontal Recess, DCR, SPA, Post ethmoidectomy/Sphenoidotomy

17h30 **Homework Plan model B**

19h00 **Course dinner**

Friday, 4th September 2026

08h00 **Only News in Biologic Treatment**
M. Soyka

08h20 **Faculty check delegates plan for model B**

08h40 - 17h00

Step by step surgery on models with all faculty

08h40 **Blue dissects model B left**
09h20 **Red dissects model B right**
10h00 **Blue dissects model B right**
10h40 **Red dissects model B left**
12h00 **LUNCH with professors on difficult cases**
M. Trimarchi, **C. Schlegel**, **S. Pelucchi**
13h00 **FDO on model A and model B**
14h30 **CSF leak closure**
15h30 **Blue & red share drillout on model A**

Registration

The course is limited to 20 participants.

Course Fee: CHF 900.
Full registration includes program material, models, lunch, morning/afternoon tea breaks, and conference dinner.

Observer (non-dissector): CHF 450.

Note: Position in the workshop cannot be guaranteed until the payment has been received and processed. You will receive an invoice after registration via email.

Cancellation Policy: Cancellations made in writing and received by the organization secretariat before 1st August 2026 will be eligible for a 50% refund.
Bank account details:

Registration link:

https://eventi.eoc.ch/sinus-surgery/

Organization secretariat

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Sponsoring

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