



# Geneva Microsurgery Course

MICROSURGERY

Geneva, Switzerland, 7-10 June 2022

Course Director

Prof. Torstein R. Meling

# Welcome



**Prof. Torstein R. Meling**

Course Director  
Department of Neurosurgery,  
Geneva University Hospitals

Microsurgical skills are paramount to several surgical specialties, such as plastic and reconstructive surgery and neurosurgery. Microsurgery has evolved and in order to be a part of this evolution, it is necessary to start microsurgical training and let it become a mindset, a state of mind and perhaps a form of meditation.

This course comprises some of the most useful exercises you need to practice microsurgery.

We look forward to working with you at the course and transmitting the touch, the feel and the spirit of microsurgery.

Prof. Torstein R. Meling



**Prof. Daniel Kalbermatten**

Professor, Head of Department  
of Plastic and reconstructive  
surgery, Geneva University  
Hospitals



**Prof. Raphael Guzman**

Vice Chair, Department  
of Neurosurgery,  
University of Basel



**Prof. George Dindelegan**

Associate Professor in  
General Surgery, "Iuliu  
Hatieganu" University of  
Medicine and Pharmacy  
Cluj-Napoca, Romania



**Dr. Renato Gondar**

Department of Neurosurgery,  
Geneva University Hospitals



**Dr. Victor Volovici**

Department of Neurosurgery,  
Erasmus University Medical  
Center, Rotterdam,  
The Netherlands



Advanced course on

- **HAND SURGERY**
- **PLASTIC AND RECONSTRUCTIVE SURGERY**
- **NEUROSURGERY**
- **MAXILLO-FACIAL SURGERY**
- **ENT SURGERY**

## ACCREDITATION

- **Swiss Society of Neurosurgery: 32 credits**
- **Swiss Plastic Surgery : 30 credits**
- **Swiss Hand Surgery : 32 credits**

## PARTICIPATION FEES

- The course fee includes didactic and pedagogical material, refreshment and lunches, during the 4-day training course.
- Transportation, Accommodation: not included.
- Insurance is the responsibility of the participant.

CHF 1500

**Contact:** inscription@sfits.ch  
+41 22 322 9100

## REGISTRATION

- This course is open to advanced neurosurgeons (5<sup>th</sup>, 6<sup>th</sup> or 7<sup>th</sup> year of residency).
- Please send your resume indicating your clinical status and year of residency with a one-page motivation letter in English to inscription@sfits.ch.
- Participants will be carefully selected based on their application and level.

Find out more information about the course :

Go to

<https://calendar.sfits.ch>

or scan QR code



Alternatively, send an email to inscription@sfits.ch with the following information

- Title of the course:  
Geneva Microsurgery Course
- Name, phone, title, hospital

Registration is limited to 10 participants.

**Deadline for registration :**

**20th of May 2022**

**Language:** English





## PROGRAM

### Tuesday June 7th DEMONSTRATION & PRACTICAL WORKSHOP ON SYNTHETIC MATERIAL

08:00-08:15	<b>Welcome</b>
08:15-08:30	Lecture - Basic principles of microsurgery (microscopes, operation ergonomics) - Dr. Renato Gondar
08:30-08:45	Lecture - History and caring for microsurgical instruments
08:45-09:00	Lecture - Basic principles of rodent anesthesia and animal welfare
09:00-09:15	<b>Demonstration</b> - Suture and knot techniques on flower petal
09:15-11:30	<b>Exercise</b> - Suture techniques on flower petal with 8-0 sutures
11:30-12:30	Lunch (will be served; but hands-on work may continue)
12:30-12:45	Lecture - Basics of microvascular suturing - Prof. George Dindelegan
12:45-13:00	<b>Demonstration</b> - End-to-end anastomosis on chicken wing
13:00-17:00	<b>Exercise</b> - End-to-end anastomosis on chicken wing
17:00-17:30	Wrap-up

### Wednesday June 8th DEMONSTRATION & PRACTICAL WORKSHOP

### ON LIVING ORGANIC MATERIAL

08:00-08:15	Welcome coffee
08:15-08:45	Lecture - Microsurgery in plastic surgery (free flaps) - Prof. Daniel Kalbermatten
08:45-09:30	<b>Demonstration</b> - End-to-end anastomosis of the common carotid artery
09:30-12:30	<b>Exercise</b> - End-to-end anastomosis on the common carotid artery
12:30-13:30	Lunch (will be served; but hands-on work may continue)
13:30-14:00	Lecture - Experimental microsurgery - Prof. George Dindelegan
14:00-14:30	<b>Demonstration</b> - End-to-end n. Ischiadicus
14:30-17:00	<b>Exercise</b> - n. ischiadicus / end-to-end anastomosis of the common carotid artery
17:00-17:30	Wrap-up



## Thursday June 9th

## DEMONSTRATION & PRACTICAL WORKSHOP

## ON LIVING ORGANIC MATERIAL

08:00-08:15	Welcome coffee
08:15-08:45	Lecture - Microsurgery in neurosurgery (aneurysms) - Dr. Victor Volovici
08:45-10:00	<b>Demonstration</b> - End-to-side venous-arterial anastomosis (JV to CCA)
10:00-12:30	<b>Exercise</b> - End-to-side venous-arterial anastomosis
12:30-13:30	Lunch (will be served; but hands-on work may continue)
13:30-14:00	<b>Demonstration</b> - End-to-end aorta anastomosis
14:00-17:00	<b>Exercise</b> - End-to-end aorta anastomosis
17:00-17:30	Wrap up

## Friday June 10th

## DEMONSTRATION & PRACTICAL WORKSHOP

## ON LIVING ORGANIC MATERIAL

08:00-08:15	Welcome coffee
08:15-08:45	Lecture - Microsurgery in neurosurgery (ischemia) - Prof. Raphael Guzman
08:45-09:30	<b>Demonstration</b> - Femoral artery end-to-end anastomosis
09:30-12:30	<b>Exercise</b> - End-to-end of the femoral artery anastomosis
12:30-13:30	Lunch (will be served; but hands-on work may continue)
13:30-14:00	<b>Demonstration</b> - Free femoral flap
14:00-17:00	<b>Exercise</b> - Free femoral flap
17:00-17:30	<b>Course evaluation and closing session</b>



**SWISS Foundation for Innovation  
and Training in Surgery (SFITS)**

Hôpitaux Universitaires de Genève (HUG)  
Rue Gabrielle-Perret-Gentil 4  
CH - 1205 Geneva

**Access by public transportation**

---



Bus n° 1, 5, 7, 35 | **Stop Hôpital**  
Bus n° 3 | **Stop Claparède**



Tram n° 12, 18 | **Stop Augustins**



Train | **Stop Champel**



**PARKING Lombard**