


# SYNS



## Vertebral Augmentation Techniques



Program Booklet  
*3rd annual*  
**Compression Fracture Workshop**

**4th April 2025**  
*Kursraum, University of Fribourg*  
*Building MED 16*

# OUR MISSION

**The Swiss Young Neurosurgeons Society (SYNS)** is dedicated to the continuing improvement of the neurosurgical training program for residents and young consultants in Switzerland.

We were founded in 2005 by a handful of young residents striving to achieve a high standard of specialty training by organising focused talks, symposiums and hands-on courses. Our aim is to enhance learning and foster professional development in the field of neurosurgery while bringing together young doctors from all over the country. As of 2011, SYNS is recognised as a registered no-profit society by Swiss law.



**Nicolas Poletti**  
President



**Caterina Mollica**  
Vice President

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# FACULTY

## RESIDENT FACULTY

**Prof. tit. clin. Gianluca Maestretti**

Unité Neuro-Spinale, HFR Fribourg

**Dr. med. Daniele Valsecchi**

Unité Neuro-Spinale, HFR Fribourg

**Dr. med. Fatos Ramadani**

Unité Neuro-Spinale, HFR Fribourg

**Dr. med. Philippe Otten**

Clinique Générale Ste-Anne – HFR Fribourg

**Dr. med. Julien Galley**

Radiologie, HFR Fribourg

**Dr. Med. Carlo Mario Stefano Tappero**

Radiologie interventionnelle, HFR Fribourg

## GUEST FACULTY

**Dr. med. Marco Pileggi**

Neuroradiologia interventistica, ORL Lugano

# MORNING PROGRAM

## Friday, 04.04.2025

08:30 - 09:00

**Registration**

### INTRODUCTION

09:00 - 09:10

**Gianluca Maestretti**

Welcome and course presentation

09:10 - 09:25

**Julien Galley**

Introduction on anatomical and radiological landmarks

09:25 - 09:40

**Gianluca Maestretti**

Compression fractures: classification and surgical indications

### SESSION I - UPDATES ON VERTEBRAL AUGMENTATION TECHNIQUES

09:40 - 09:50

**Carlo M. S. Tappero**

Vertebroplasty vs. Balloon Kyphoplasty

09:55 - 10:05

**Gianluca Maestretti**

Sycamore

10:10 - 10:20

**Marco Pileggi**

Stent augmentation

10:25 - 10:35

**Fatos Ramadani**

Tektona

10:40 - 10:50

**Daniele Valsecchi**

Spinejack

11:55 - 11:15

**Coffee Break**

11:15 - 11:30

**Gianluca Maestretti**

Update on cement

## SESSION II - COMPRESSION FRACTURES: OPEN DISCUSSION

Expert Panel

**Gianluca Maestretti, Philippe Otten, Marco Pileggi, Carlo M. S. Tappero**

11:30 - 11:35

Case presentation

11:35 - 11:55

Expert round table

11:55 - 12:00

Case solution

12:00 - 12:15

Discussion

12:15 - 13:45

**Lunch Break**

# AFTERNOON PROGRAM

## Friday, 04.04.2025

### SESSION III - LIVE SURGERY

13:45 - 15:15

#### Technical analysis of example cases

**Gianluca Maestretti**

Live discussion of intraoperative videos

### SESSION IV - HANDS-ON TRAINING, SURGICAL SIMULATOR

15:15 -16:30

#### Station 1

Transpedicular approach & visual trajectory

#### Station 2

Different Techniques of Kyphoplasty Under  
X-ray Guidance

16:30 - 16:45

#### Closing Remarks

# FACULTY (ctd.)



Gianluca Maestretti



Daniele Valsecchi



Fatos Ramadani



Philippe Otten



Julien Galley



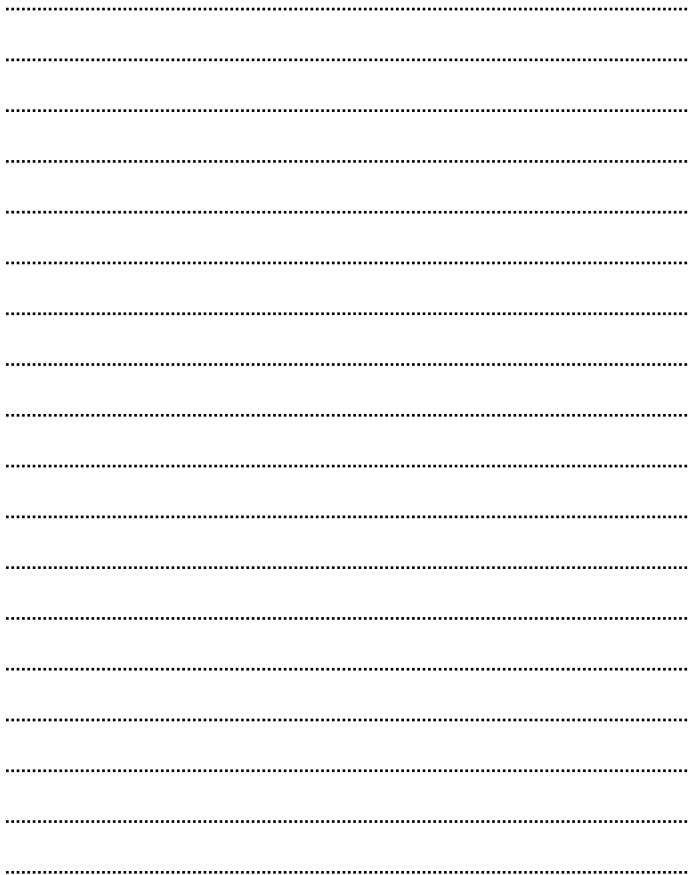
Carlo M. S. Tappero



Marco Pileggi

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