



# Davos Course 2025

## Emergency & Acute Care Surgery

### Preliminary Scientific Program

**05.04. - 10.04.2025**

#### Information on new pilot project module: Emergency Surgery

In 2025 for the first time, we will start a pilot project with a module **Emergency & Acute Care Surgery**, focusing on abdominal emergencies. This course addresses general and visceral surgeons going for UEMS certification as well as emergency surgeons in training.

The pilot module will offer lectures, interactive session and open as well as laparoscopic exercises focused on emergency and acute care surgery.

#### **The Emergency & Acute Care Surgery Module Faculty 2025:**

Peter Svenningsen	Module Director	Copenhagen, DK
Otmar Buyne	Module Co-Director	Nijmegen, NL
Tobias Zingg		Lausanne, CH
Dimitrios Damaskos		Edinburgh, UK
Luke Evans		Norwich, UK
Johan Lock		Würzburg, G
Romain Seppey		Biel, CH
Matti Tolonen		Helsinki, Fi

*Furthermore other Faculty Members from the GI Foundation will contribute.*

Participants within the Emergency & Acute Care Surgery module will furthermore be offered the chance to join Virtual Reality as well as Robotic Surgery Training in their free time.

#### **REGISTER EARLY**

*As places are limited be aware that reservation of your place is only given after payment!*

We hope to motivate you and your colleagues from all surgery departments to join this new module and wish you a great course!

Walter Brunner, Peter Svenningsen, Otmar Buyne

SATURDAY, 05.04.2025

	<b>ONLY for Faculty &amp; Instructors, Industry Hall Davos</b>
09.00	<i>Industry Briefing Light Welcome Breakfast</i>
<b>10.00</b>	<b>Faculty meeting &amp; Instructors briefing (all modules) Get to know &amp; Teach the teacher</b>
<b>From 10.45</b>	<b>Module core Meetings</b>

## Advanced Course Emergency & Acute Care Surgery

**10.00**                    **Opening of the Course Secretariat and Registration**

**11.00**                    **Start Advanced Course  
Emergency & Acute Care Surgery Module  
Room Studio  
- P. Svenningsen**

### **Welcome & Introduction of Faculty and Participants**

11.15 – 12.45

#### **Lecture I**

Moderation: P. Svenningsen, T. Zingg

Emergency surgery in a European perspective  
- P. Svenningsen 20 min

Overview of common emergency abdominal surgical conditions  
- R. Seppey 20 min

Principles of triage and prioritization in emergency surgery  
- T. Zingg 20 min

Role of teamwork and non-technical skills  
for improving emergency surgical outcomes  
- D. Damaskos 20 min

12.45 – 13.45            **Lunch break**

**13.45****DAVOS COURSE OPENING****Hall Davos (all Course Levels)**

- W. Brunner, St. Gallen, CH

- L. Fourie, Luzern, CH

14.15 – 16.15

**Practical exercises** (see individual schedule)

Hall Davos 1/3

Moderation: P. Svenningsen, O. Buyne, T. Zingg

Open bleeding management &amp; vascular dissection

Vascular anastomosis

16.15 – 16.45

**Break**

Coffee and sweets (trade exhibition)

16.45 – 18.30

**Small group work I**

Room Studio

**Damage control surgery, bleeding, ischemia and VAC**

Moderation: O. Buyne, D. Damaskos

Case 1

20 min

- M. Tolonen

Case 2

20 min

- J. Lock

Case 3

20 min

- T. Zingg

Stoma formation

20 min

- Dieter Hahnloser

Instruction of models for Sunday

10 min

- P. Svenningsen

**18.45****Special Lecture & Welcome Reception****Hall Davos & Foyer**

## SUNDAY, 06.04.2025

08.00 – 09.30	<p><b>Practical exercises</b> (see individual schedule) Hall Davos 1/3</p> <p>Moderation: P. Svenningsen, L. Evans</p> <p>Stoma placement Loop ileostomy &amp; colostomy Closure abdominal wall</p>
09.30 – 10.00	<p><b>Break</b> Coffee and sweets (trade exhibition)</p>
10.00 – 12.00	<p><b>Lecture II</b> Room Studio</p> <p>Moderators: M. Tolonen, O. Buyne</p> <p>Initial Assessment and Management Diagnostic care bundles - R. Seppey 30 + 10 min</p> <p>Preoperative care - J Loch 30 + 10 min</p> <p>Definitive Treatment - the principles of issues, anastomosis or not - intraoperative decision making and timing of reoperations - L. Evans 30 + 10 min</p>
12.00 – 14.30	<p><b>Lunch break</b></p> <p><b>Virtual Reality Training available</b> (Room Sertig) <b>Robotic Training available</b> (Room Wisshorn)</p>
14.00	Coffee and sweets (trade exhibition)
14.30 – 16.00	<p><b>Practical exercises</b> (see individual schedule) Hall Davos 1/3</p> <p>Moderators: P. Vogelbach, P. Svenningsen, R. Seppey</p> <p>Continuous anastomosis E-E Continuous anastomosis S-S Stapled Anastomosis S-S</p>

16.15 – 17.15 **Interactive Panel discussion**  
Hall Davos

**Clinical scenarios I: decision making**  
**Acute situations in abdominal surgery:**

- Moderator: O. Buyne, Nijmegen

- Panelists: C. Bruns, Köln  
V. Sallinen, Helsinki  
D. Kjaer, Aarhus

Case Presenters: S. Staubli, London  
A. Shamiyeh, Linz

17.30 – 18.30 **Small group work II**  
Room Studio

**Intraoperative decision making, Appendicitis, Diverticulitis**

Moderation: T. Zingg, J. Lock

Case 1 **Diverticulitis** 20 min  
P. Svenningsen

Case 2 **Intraoperative decision making (futility focus)** 20 min  
D. Damaskos

Case 3 **Appendicitis** 20 min  
O. Buyne

**MONDAY, 07.04.2025**

08.00 – 09.30	<p><b>Practical exercises</b> (see individual schedule) Hall Davos 1/3</p> <p>Moderation: P. Svenningsen, J. Lock, P. Vogelbach</p> <p>Liver bleeding &amp; resection Pringle, Tachosil use</p>	
09.30 – 10.00	<p><b>Break</b> Coffee and sweets (trade exhibition)</p>	
10.00 – 12.00	<p><b>Lecture III</b> Room Studio</p> <p>Moderators: O. Buyne, D. Damaskos</p> <p>Postoperative management - R. Seppey</p> <p>Care Bundles - L. Evans</p> <p>Visceral Trauma - T. Zingg</p>	<p>30 + 10 min</p> <p>30 + 10 min</p> <p>30 + 10 min</p>
12.00 – 14.00	<p><b>Lunch break</b></p> <p><i><b>Virtual Reality Training available</b> (Room Sertig)</i> <i><b>Robotic Training available</b> (Room Wisshorn)</i></p>	
14.00 – 15.30	<p><b>Practical exercises</b> (see individual schedule) Hall Davos 1/3</p> <p>Moderators: P. Svenningsen, D. Damaskos</p> <p>Anterior resection (E-E) Anterior resection (S-E)</p>	
15.30 – 16.00	Coffee and sweets (trade exhibition)	
<b>16:00 -17:30</b>	<p><b>Interactive joint session</b> Hall Davos</p>	

Moderation: W. Brunner, St. Gallen  
D. Christoforidis; Lugano

**Children are same, but different** - what every general surgeon should know about pediatric surgery!

- S. Holland-Cunz, Basel

### **Management of surgical complication and its evidence**

Case Presenters: Ch. Toso, Genf  
St. Breitenstein, Winterthur

17.45 – 18.45

**Small group work III**  
Room Studio

### **ERAS in EmSurg, Perforations, Bowel obstructions**

Moderation: J. Lock, M. Tolonen

Case 1 20 min  
- L. Evans

Case 2 20 min  
- T. Zingg

Case 3 20 min  
- R. Seppey

**TUESDAY, 08.04.2025**

- 08.00 – 09.30**      **Practical exercises** (see individual schedule)  
Hall Davos 1/3
- Moderation: T. Zingg, L. Evans
- B II open
- 09.30 – 10.00**      **Break**  
Coffee and sweets (trade exhibition)
- 10.00 – 12.00**      **Lecture IV**  
Room Studio
- Moderation: P. Svenningsen, R. Seppey
- Cholecystitis – and gallstone disease in GB and CBD  
- M. Tolonen 20 + 10 min
- Diverticulitis  
- J. Lock 20 + 10 min
- Appendicitis and its complications  
O. Buyne 20 + 10 min
- Perforations of the GI tract  
L. Evans 20 + 10 min
- 12.00 – 16.30**      **Lunch break**
- Virtual Reality Training available (Room Sertig)***  
***Robotic Training available (Room Wisshorn)***
- 16.00**                     Coffee and sweets (trade exhibition)
- 16.30 – 17.30**      **Interactive joint Session**  
Hall Davos
- Management of anastomotic leakage and its evidence**
- Moderation: D. Hahnloser, Lausanne  
C. Bruns, Köln
- Presenters:  
Upper GI:                     D. Kjaer, Aarhus  
Lower GI:                    F. Herbst, Wien



17.45 – 19.45

**Practical exercises**

Room Seehorn (see individual schedule)

Moderators: P. Svenningsen, O. Buyne, *W. Brunner*

Laparoscopic suture techniques (*could help W. Brunner*)

Perforated ulcer repair

Laparoscopic Gastroenterostomy

Wednesday, 09.04.2025

08.00 – 09.30	<b>Lecture V</b> Room Studio	
	Moderation: L. Evans, R. Seppey	
	Acute proctology - Dieter Hahnloser	20 + 10 min
	Small bowel obstructions - D. Damaskos	20 + 10 min
	Acute colon obstructions - P. Svenningsen	20 + 10 min
09.30 – 10.00	<b>Break</b> Coffee and sweets (trade exhibition)	
10.00 – 12.00	<b>Practical exercises emergency laparoscopy</b> Room Seehorn (see individual schedule)	
	Moderation: O. Buyne, M. Tolonen	
	Laparoscopic suture / Colon perforation Laparoscopic anterior resection	
12.00 – 16.00	<b>Lunch break</b>	
	<b>Virtual Reality Training available</b> (Room Sertig) <b>Robotic Training available</b> (Room Wisshorn)	
15.30	Coffee and sweets (trade exhibition)	
16.00 – 17.00	<b>Acute situations in abdominal surgery: clinical scenarios</b> Hall Davos	
	Moderation: F. Herbst, Wien	
	- Panelists:	B. Müller, Basel C. Williamsson, Lund P. Svenningsen, Kopenhagen
	Case Presenters:	B. Weixler, Winterthur K. Horisberger, Mainz

17.15 – 19.15

**Practical exercises**

Room Seehorn (see individual schedule)

Moderators: G. Silberhumer, O. Buyne, T. Zingg

Laparoscopic vascular dissection & Bleeding management  
Laparoscopic pringle maneuver

Thursday, 10.04.2025

- 08.00 – 10.00     **Practical exercises emergency laparoscopy**  
 Room Seehorn (see individual schedule)
- Moderators: G. Silberhumer, J. Lock
- Laparoscopic intracorporal anastomosis  
 (ileotransversostomy / jejunostomy)  
 Closure of mesenteric gap
- 10.15 – 12.45     **Lecture VI – Meet the experts Brunch session**  
 Room Studio
- Moderators: T. Zingg, L. Evans
- Acute IBD management     20 min  
 - J. Lock
- Ischemia     20 min  
 - R. Seppey
- Pancreatitis     20 min  
 - M. Tolonen
- Open abdomen – how to close it     20 min  
 - D. Damaskos
- Complications - how to deal with them     20 min  
 - L. Evans
- 13.00 – 14.30     **Practical exercises emergency laparoscopy**  
 Room Seehorn (see individual schedule)
- Moderators: U. Dietz, O. Buyne, R. Seppey
- Laparoscopic inguinal hernia repair (TAPP)  
 Mesh & Glue fixation
- 14.30     **End of course**  
**Distribution of certificates / Feedback round**  
 Room Seehorn  
 P. Svenningsen, O. Buyne