Emergency Surgery Course (ESC)

March 18-19, 2019

Endorsed by

European Society for Trauma and Emergency Surgery (ESTES)
European Association for Endoscopic Surgery (EAES)
Participants will

- Improve clinical skills
- Establish priorities in diagnosis and treatment
- Recognize the evidence that supports decisions and interventions
- See real-life case presentations as examples
- Familiarize themselves with important diagnostic tests and therapeutic maneuvers
- Learn new interventions that may improve outcome

This workshop is designed to review state-of-the-art information on the diagnosis and management of nontrauma gastrointestinal and visceral emergencies. The symposium provides an ideal mix of the traditional standard-of-care principles with cutting edge, forward-moving practices. It explores issues related to resuscitation and surgical technique. The workshop runs theory in the morning sessions and hands-on sessions in the afternoon. The course provides in-depth and cutting-edge information in the field of gastrointestinal and visceral emergencies. The material presented will be exciting as well as readily assimilated and applied.

The course aim is to provide surgical residents and consultants with the information and skills needed for successful handling of nontraumatic visceral and gastrointestinal emergencies from arrival in the emergency room through transfer for definitive treatment to the operating room, intensive care unit or ward, with detailed attention to the decision-making process as well as to relevant surgical skills and techniques.

The following goals will be pursued:
1. Confront surgeons with different controversial scenarios
2. Provide concrete answers and guidelines for questions emerging from these situations
3. Develop skills to manage complicated issues

An application has been made to the EACCME for CME accreditation of this event.

Symposium director: Selman Uranues, MD, FACS, Professor of Surgery

Organizing Committee: V. Wienerroither, MD, D. Nagele-Moser, MD, Leo Kronberger, MD, MSc.

Course language: English

Course location: Department of Surgery, Auenbruggerplatz 29, 8036 Graz
Theory: Library, Administration Building, Auenbruggerplatz 1, 2nd Floor
Labs: Section for Surgical Research and Medical Simulation & Training Center Styria, Auenbruggerplatz 19/8, 8036 Graz

Registration fee: € 650.-, for members of EAES and ESTES € 600.-

Registration: by e-mail to i.prassl@medunigraz.at. Registrations will be accepted after receipt of payment on a first-come-first-served basis.

Registration:
Irmgard PRASSL, MPH
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Phone: +43-316 385 83232
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Program

Monday, March 18, 2019

07:45 – 13:00  Theoretical Aspects: Part I

07:15 – 07:45 Registration

07:45 Welcome & Introduction
  S. Uranues (Graz)

Moderation: S. Uranues

08:00 Diagnostic steps and laparoscopy in acute abdomen
  S. Uranues

08:20 Unclear abdominal pain
  A. Fingerhut

08:40 Case presentation
  S. Uranues

09:00 Acute appendicitis
  D. Popa

09:20 Acute diverticulitis
  A. Fingerhut

09:40 Peritonitis When and how to leave the abdomen open?
  H. Kurihara

10:00 Acute pancreatitis
  M. Zago

10:20 Case presentation
  N. de Manzini

10:45 - 11:10 Coffee break

Moderation: A. Fingerhut

11:10 Case presentation
  D. Popa

11:20 Incarcerated hernia
  A. Fingerhut

11:40 Peptic ulcer perforation Laparoscopic vs. open – suture/excision/resection?
  D. Popa

12:00 Acute cholecystitis When and how to operate?
  N. de Manzini

12:20 Common bile duct injury How does it happen?
  S. Uranues

12:40 Case presentation
  N. de Manzini

13:00 – 14:00 Lunch
14: 15 – 18:00 Hands-on Session: Part I

Groups I, II, III, IV  Clinical Skills Center

**Tutors:** H. Kurihara, M. Zago

ULTRASOUND IN ABDOMINAL EMERGENCIES

Technique of US exam, pathological findings, tips and tricks

14:15  **Case Scenario** – Interactive live demonstration of US in acute abdomen as a decision-making tool

E-FAST (video)

14:45 - 15:45  Hands-on training

15:45 - 16:45  Lectures & interactive cases

- Gallbladder
- Appendicitis
- Intestinal anatomy and small bowel obstruction
- Aorta

16:45 - 18:00  Hands-on training

Groups V, VI, VII, VIII  Wet lab hands-on training – Section for Surgical Research

I - Upper GI endoscopy  Control of variceal and peptic ulcer bleeding
  
  H. Bacher, O. Freisinger, M. Thalhammer

II - Laparoscopy on live tissue
  Abdominal exploration, Hemostasis, suturing of peptic ulcer perforation
  
  N. de Manzini, D. Popa, R. Schrittwieser

III- Laparoscopic suturing
  
  A. Fingerhut, S. Uranues

**Vet. anesthetic assistance:** V. Bubalo, B. Hausegger, I. Wiederstein-Grasser

19:00  Dinner
07:45 – 12:30  Theoretical Aspects: Part II

**Moderation: S. Uranues**

07:45  *Esophageal perforation*  When and how to operate?  
       J. Lindenmann

08:05  *Upper GI bleeding*  Endoscopy vs. surgery  
       M. Zago

08:25  *Lower GI bleeding*  
       N. de Manzini

08:45  *Case presentation*  
       H. Kurihara

09:05  *Soft tissue infections*  
       H. Kurihara

09:25  *Diagnosis & treatment of leaking anastomosis*  
       A. Fingerhut

09:45  *Case presentation*  
       A. Fingerhut

10:10 – 10:30  Coffee break

**Moderation: N. de Manzini**

10:30  *Small bowel obstruction*  
       D. Popa

10:50  *Case presentation*  
       M. Zago

11:30  *Acute mesenteric syndrome*  
       H. Kurihara

11:50  *Case presentation*  
       H. Kurihara

12:15  *Closing remarks*  
       S. Uranues

12:20 – 13:15  Lunch
13:30 - 17.00 Hands-on Session: Part II

Groups V, VI, VII, VIII
Clinical Skills Center

**Tutors:** H. Kurihara, M. Zago

**ULTRASOUND IN ABDOMINAL EMERGENCIES**

Technique of US exam, pathological findings, tips and tricks

13:30  **Case Scenario** – Interactive live demonstration of US in acute abdomen as a decision-making tool

**E-FAST** (video)

14:00 - 15:00  **Hands-on training**

15:00 - 16:00  **Lectures & Interactive cases**

- Gallbladder
- Appendicitis
- Intestinal anatomy and small bowel obstruction
- Aorta

16:00 - 17:00  **Hands-on training**

Groups I, II, III, IV
Wet lab hands-on training – Section for Surgical Research

**I - Upper GI endoscopy** Control of variceal and peptic ulcer bleeding

*H. Bacher, O. Freisinger, M. Thalhammer*

**II - Laparoscopy on live tissue**

Hemostasis, suturing of peptic ulcer perforation, bowel resection, intracorporeal anastomosis

*N. de Manzini, D. Popa, R. Schrittwieser*

**III- Laparoscopic suturing and anastomosis techniques**

*A. Fingerhut, S. Uranues*

**Vet. anesthetic assistance:**  V. Bubalo, B. Hausegger, I. Wiederstein-Grasser

17:30 Final remarks, awarding of certificates
**Faculty**

**Prof. Dr. Heinz BACHER**  
Medical University of Graz  
Department of Surgery  
Graz, Austria

**Dr. med. vet. Vladimir BUBALO**  
Medical University of Graz, Austria

**OÄ Dr. in Oana Freisinger**  
Medical University of Graz  
Department of Surgery  
Graz, Austria

**Mag. a Bettina HAUSEGGER**  
Medical University of Graz, Austria

**OA Dr. Leo KRONBERGER, MSc.**  
Medical University of Graz  
Department of Surgery  
Graz, Austria

**Prof. Dr. Jörg LINDENMANN**  
Medical University of Graz  
Division of Thorax Surgery  
Graz, Austria

**Prim. Dr. Rudolf -SCHRITTWIESER**  
LKH Hochsteiermark  
8600 Bruck/Mur | Austria

**Univ. Prof. Dr. Michael Thalhammer**  
Medical University of Graz  
Department of Surgery  
Graz, Austria

**Prof. Dr. Dr. h.c. Selman URANÜS**  
Medical University of Graz  
Department of Surgery  
Graz, Austria

**Dr. in med. vet. Iris WIEDERSTEIN-GRASSER**  
Medical University of Graz, Austria

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**International Faculty**

**Abe FINGERHUT, Dr. h.c., MD, FACS, FRCS (g)**  
Professor of Surgery  
Centre Hospitalier Intercommunal  
Poissy-Paris, FRANCE

**Hayato KURIHARA, MD**  
General and Minimally Invasive Surgery  
Emergency Surgery and Trauma Section  
Istituto Clinico Humanitas  
Rozzano (Milan) – ITALY

**NICOLÒ DE MANZINI, MD, FRCS**  
M Hon AFC; Full Professor of Surgery  
Chief, Department of Surgery  
University of Trieste, Italy

**Dorin Eugen POPA, MD, PhD**  
Linköping University Hospital  
Division for Colorectal Surgery  
Sweden

**MAURO ZAGO, MD, FEBS EM SURG, FACS**  
General Surgery Dept  
Minimally Invasive Surgery Unit, Head  
Policlinico San Pietro - Bergamo, Italy

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**Registration:**

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