



Society for Research and Training in Trauma Surgery

**WORKSHOP ON VISCERAL TRAUMA**

# Definitive Surgical Trauma Care-DSTC™



endorsed by

**EUROPEAN SOCIETY FOR TRAUMA AND  
EMERGENCY SURGERY (ESTES)**

&

**INTERNATIONAL ASSOCIATION FOR THE  
SURGERY OF TRAUMA AND SURGICAL  
INTENSIVE CARE (IATSIIC)**

in co-operation with

**INSTITUTE OF PATHOLOGY  
MEDICAL UNIVERSITY OF GRAZ**





# PROGRAM

## WORKSHOP ON VISCERAL TRAUMA



EUROPEAN SOCIETY FOR TRAUMA AND EMERGENCY SURGERY – ESTES  
INTERNATIONAL ASSOCIATION FOR TRAUMA AND SURGICAL INTENSIVE CARE – IATSIC  
SECTION FOR SURGICAL RESEARCH  
DEPARTMENT OF SURGERY, MEDICAL UNIVERSITY OF GRAZ

This workshop is designed to review state-of-the-art information on the diagnosis and management of severely injured patients. The curriculum 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 the newest in-depth information in the field of gastrointestinal and visceral injuries. The material presented will be exciting as well as readily assimilated and applied.

### Participants will

- Improve clinical skills
- Establish priorities in resuscitation of trauma patients
- 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

**Symposium director:** *S. Uranüs, M.D., P. Stiegler, M.D.*

**Organizing Committee:** *L. Kronberger, M.D., M.Sc., V. Wienerroither, M.D.,  
M. Yanik, M.D.*

**Course language:** English

**Course location:** *Department of Surgery, Auenbruggerplatz 29, 8036 Graz*

**Theory:** Radiology auditorium, Auenbruggerplatz 9A, 8036 Graz

**Hands-on training:** Surgical Research Suite and Department of Pathology

**Registration fee:** € 850.00; € 775.00 for members of ESTES and IATSIC member societies  
Registrations are accepted on a first-come first-served basis after receipt of payment.

### **Registration:**

Mr. Mario Szvetits  
Workshop Coordinator  
Brands Minds Media Communication GmbH  
Inkustrasse 1-7/3/2.OG  
A-3400 Klosterneuburg  
Phone: +432243/20898  
Fax: +432243/2089815  
E-mail: [office@bmmc.at](mailto:office@bmmc.at)  
<http://www.chirurgischeforschung.at>

**Monday, September 28, 2020**

## **07:45 – 13:20 Theoretical aspects: Part I**

### **Moderation: S. Uranüs**

- 07:45 Welcome and introduction  
*S. Uranüs*
- 08:00 Trauma room management & FAST  
*E. Degiannis*
- 08:20 Resuscitation & massive transfusion - principles and clinical endpoints  
*G. Velmahos*
- 08:50 Trauma laparotomy - how to explore the abdomen?  
*R. Coimbra*
- 09:15 Damage control  
*M. Bowyer*
- 09:40 Laparoscopy in trauma - when and how?  
*S. Uranüs*
- 10:00 Case presentation & interactive discussion  
*A. Fingerhut*

### **10:30- 10:50 Coffee break**

### **Moderation: E. Degiannis**

- 10:50 Abdominal vascular injuries – shunt or ligate or repair?  
*J. Asensio*
- 11:15 Hepatic trauma  
*G. Velmahos*
- 11:40 Splenic injuries  
*S. Uranues*
- 12:00 Abdominal compartment syndrome  
*H. Kurihara*
- 12:25 Case presentation & interactive discussion  
*R. Coimbra, E. Degiannis*
- 13:00 – 13:20 Lunch lecture: Ethical considerations  
*S. Uranues*

## **13:20 – 14:00 Lunch**

## 14:00 – 18:00 Hands-on Session: Part I

Group I, II, III, IV

**Hands-on training on cadaver – in co-operation with the Institute of Pathology**

**Tutors:** M. Bowyer, J. Asensio, H. Kurihara, M. Thalhammer

Trauma laparotomy

Technique of abdominal and pelvic packing

Exploration of the abdomen

Transdiaphragmatic pericardial window

Access to major abdominal, pelvic and inguinal vessels

Mobilization of the liver, access to the retrohepatic cava

Exploration and mobilization of the pancreas

Mobilization of the spleen

Exploration of the retroperitoneum - Kocher, Mattox and Cattell-Braasch maneuvers

Thoracotomy, sternotomy

Group V, VI, VII, VIII

**Hands-on training – Section for Surgical Research**

**Tutors:** A. Fingerhut, E. Degiannis, G. Velmahos, S. Uranues

Trauma laparotomy

Packing & damage control

Intravascular shunt, vascular repair

Hemostatic techniques in liver injuries, atypical liver resection

Adjuncts of hemostasis, principles of tissue sealing

Splenic preservation, splenorrhaphy, partial and total splenectomy

Repair of stomach and intestinal injuries

Technique of repair in pancreatic injuries

Exploration of the retroperitoneum and the kidneys

19:00 Dinner

**Tuesday, September 29, 2020**

## **08:00 – 12:30 Theoretical aspects: Part II**

### **Moderation: M. Bowyer**

- 08:00 Chest trauma  
*R. Coimbra*
- 08:30 Pelvic injuries & pelvic packing  
*M. Bowyer*
- 08:55 Colonic injuries  
*R. Coimbra*
- 09:05 Neck injury  
*E. Degiannis*
- 09:30 Case presentation  
*A. Fingerhut*

### **09:45- 10:05 Coffee break**

### **Moderation: G. Velmahos**

- 10:05 Cardiac injuries  
*J. Asensio*
- 10:25 Injuries to the stomach and small bowel  
*A. Fingerhut*
- 10:40 Duodeno-Pancreatic injuries  
*G. Velmahos*
- 10:55 Case presentations & interactive discussion  
*J. Asensio*
- 11:20 Nutrition in trauma patients  
*H. Kurihara*
- 11:40 Case presentations & interactive discussion  
*G. Velmahos*
- 12:30 Closing remarks  
*S. Uranues*

## **12:40 – 13:15 Lunch**

## 13:15 – 17:00 Hands-on session: Part II

### Group V, VI, VII, VIII

#### Hands-on training on cadaver – in co-operation with the Institute of Pathology

**Tutors:** M. Bowyer, H. Kurihara, R. Latifi, M. Thalhammer

Trauma laparotomy

Technique of abdominal and pelvic packing

Exploration of the abdomen

Transdiaphragmatic pericardial window

Access to major abdominal, pelvic and inguinal vessels

Mobilization of the liver, access to the retrohepatic cava

Exploration and mobilization of the pancreas

Mobilization of the spleen

Exploration of the retroperitoneum - Kocher, Mattox and Cattell-Braasch maneuvers

Thoracotomy, sternotomy

### Group I, II, III, IV

#### Hands-on training – Section for Surgical Research

**Tutors:** A. Fingerhut, E. Degiannis, G. Velmahos, S. Uranues

Trauma laparotomy

Packing & damage control

Intravascular shunt, vascular repair

Hemostatic techniques in liver injuries, atypical liver resection

Adjuncts of hemostasis, principles of tissue sealing

Splenic preservation, splenorrhaphy, partial and total splenectomy

Repair of stomach and intestinal injuries

Technique of repair in pancreatic injuries

Exploration of the retroperitoneum and the kidneys

## 17:05 Final remarks, awarding of certificates

## Faculty

**Dr. Vladimir BUBALO**

Veterinary anesthesiologist  
Biomedical Research  
Medical University of Graz

**Mag.<sup>a</sup> Bettina HAUSEGGER**

Veterinary anesthesiologist  
Section for Surgical Research  
Medical University of Graz

**Prof.Dr. Gerald HÖFLER**

Diagnostic and Research  
Institute of Pathology  
Medical University of Graz

**Prof.Dr. Sebastian MANNWEILER**

Diagnostic and Research  
Institute of Pathology  
Medical University of Graz

**Dr. Leo KRONBERGER, MSc.**

Department of Surgery  
Division of General Surgery  
Medical University of Graz

**Mag.<sup>a</sup> med.vet. Sandra Maria LUBAS**

Veterinary anesthesiologist  
Biomedical Research  
Medical University of Graz

**Prof. Dr. Michael THALHAMMER**

Department of Surgery  
Medical University of Graz

**Prof. Dr. Selman URANÜS**

Department of Surgery  
Medical University of Graz

**Dr.<sup>in</sup> Iris WIEDERSTEIN- GRASSER**

Veterinary anesthesiologist  
Section for Surgical Research  
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**Dr.<sup>in</sup> Valerie WIENERROITHER**

Department of Surgery  
Medical University of Graz

**Dr. Mustafa YANIK, Dr.**

Department of Surgery  
Medical University of Graz

**Prof. Dr. Kurt ZATLOUKAL**

Diagnostic and Research  
Institute of Pathology  
Medical University of Graz

## International Faculty

**Col(ret) Mark W. BOWYER, MD, FACS, DMCC**

Chief, Division of Trauma and Combat Surgery  
Uniformed Services University of the Health  
Sciences & the Walter Reed National Military  
Medical Center, Bethesda, Maryland, USA

**Elias DEGIANNIS, MD, FACS**

Professor of Surgery  
University of the Witwatersrand  
Johannesburg, South Africa

**Abe FINGERHUT, MD, FACS, FRCPS(g),  
FRCS(Ed)**

Professor of Surgery  
Centre Hospitalier Intercommunal  
Poissy-Paris, France

**Hayato KURIHARA, MD, FACS, FEBSEmSurg**

Emergency Surgery and Trauma Section  
Department of Surgery  
Humanitas Research Hospital  
Rozzano (Milan) – ITALY

## Guest Faculty

**Juan ASENSIO, MD, FACS**

Professor and Vice-Chairman of Surgery  
Creighton University Medical Center  
7500 Mercy Rd, Ste. 2871  
Omaha, NE, USA

**Raul COIMBRA, MD, FACS**

Surgeon-in-Chief  
Riverside University Health System Medical  
Center  
Professor of Surgery  
Loma Linda University School of Medicine, CA,  
USA

**George C. VELMAHOS, MD, PhD, MSED**

John F. Burke Professor of Surgery,  
Harvard Medical School  
Chief of Trauma, Emergency Medicine, and  
Surgical Critical Care  
Massachusetts General Hospital  
Boston, MA, USA

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