



**EUROPEAN SOCIETY FOR TRAUMA AND  
EMERGENCY SURGERY (ESTES)  
&  
INTERNATIONAL ASSOCIATION FOR THE  
SURGERY OF TRAUMA AND SURGICAL  
INTENSIVE CARE (IATSIC)**



**DEPARTMENT OF SURGERY  
MEDICAL UNIVERSITY OF GRAZ**

**WORKSHOP ON VISCERAL TRAUMA**

# **Definitive Surgical Trauma Care-DSTC™**



**September 22-23, 2014**

In cooperation with the



**SECTION FOR SURGICAL RESEARCH  
MEDICAL UNIVERSITY OF GRAZ  
DEPARTMENT OF SURGERY**





# 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  
MEDICAL UNIVERSITY OF GRAZ, DEPARTMENT OF SURGERY**

This workshop is designed to review state-of-the-art information on the diagnosis and management of severely injured patients. 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 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:** *Univ.Prof. Dr. S. Uranüs*

**Organizing Committee:** *OA Dr. L. Kronberger, MSc., OA Mag.Dr. G. Tomasch,  
Dr. D. Nagele-Moser*

**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.

### **Office:**

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*Section for Surgical Research*

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*Phone: +43-316 385 83232*

*Fax: +43 316 385 16845*

<http://www.chirurgischeforschung.at/en/visceraltrauma-ws.html>

**08.15 – 13.15 Theoretical aspects: Part I**

**Moderation: S. Uranüs**

- 08:15 Welcome and introduction  
S. Uranüs
- 08:30 Emergency room workflow & diagnostic steps  
*C.W. Schwab*
- 08:50 Airway injuries – tips and tricks  
*W.Biffi*
- 09:10 Emergency laparoscopy in abdominal trauma - when and how?  
*S. Uranüs*
- 09:30 Trauma laparotomy - how to explore the abdomen?  
*A. Fingerhut*
- 09:50 Hepatic trauma  
*J. Asensio*
- 10:10 Abdominal vascular injuries – which and how to repair?  
*E. Degiannis*

**10.30- 11.00 Coffee break**

**Moderation: A. Fingerhut**

- 11:00 Abdominal compartment syndrome  
*W.Biffi*
- 11:20 Examples of complex trauma – when and how to treat?  
*J. Asensio*
- 11:45 Case presentation with audience participation  
*J. Asensio, W. Biffi, E. Degiannis, A. Fingerhut, J. Lindenmann, C.W. Schwab, S. Uranüs*

**13.15 - 14.00 LUNCH**

## 14.00 - 18.00 Hands-on Session: Part I

**Group I, II, III, IV**

**Hands-on training on cadaver – Institute of Pathology**

**Tutors : W. Biffli, A. Fingerhut, H. Hauser, J. Pfeifer, H. Pinter**

Abdomino-thoracal incisions

Damage control, packing

Access to major vessels

Exploration of the abdomen

Mobilisation of the liver and the retrohepatic cava

Exploration and mobilization of the pancreas

Mobilization of the spleen

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

**Group V, VI, VII, VIII Hands-on training on animals–Section for Surgical Research**

**Tutors: J. Asensio, E. Degiannis, C.W. Schwab, S. Uranüs**

Abdomino-thoracal emergency procedures

Damage control, packing

Intravascular shunt

Hemostatic techniques for the liver, atypical liver resection, tissue sealing

Splenic preservation, splenorrhaphy, resection, tissue sealing

Repair of stomach, pancreatic and intestinal injuries

Exploration of the retroperitoneum and the kidneys

**19.00 Dinner**

**Tuesday, September 23, 2014**

## **08.00 – 12.30 Theoretical aspects: Part II**

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

- 08.00 Damage control  
*C.W. Schwab*
- 08.30 Splenic trauma  
*S. Uranüs*
- 08.50 Neck injury  
*E. Degiannis*
- 09.15 Chest trauma  
*J. Lindenmann*
- 09:35 Chest tubes – indications and pitfalls  
*W. Biffi*

### **09.50- 10.15 Coffee break**

### **Moderation: C.W. Schwab**

- 10:15 Cardiac injury  
*E. Degiannis*
- 10.35 Injuries to the stomach and bowel  
*A. Fingerhut*
- 10.55 Pancreatic and duodenal injuries  
*C.W. Schwab*
- 11.15 Exsanguinating pelvic injuries  
*J. Asensio*
- 11.45 Case presentations for penetrating injuries  
*J. Asensio, W. Biffi, E. Degiannis, A. Fingerhut, J. Lindenmann,  
C.W. Schwab, S. Uranüs*

## **12.45 - 13.30 Lunch**

## 13.30 - 17.30 Hands-on session: Part II

### Group V, VI, VII, VIII Hands-on training on cadaver – Institute of Pathology

**Tutors: W. Biffi, A. Fingerhut, H. Hauser, J. Pfeifer, H. Pinter**

Abdomino-thoracal incisions

Damage control, packing

Access to major vessels

Exploration of the abdomen

Mobilisation of the liver and of the retrohepatic cava

Exploration and mobilization of the pancreas

Mobilization of the spleen

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

### Group I, II, III, IV Hands-on training on animal–Section for Surgical Research

**Tutors: J. Asensio, E. Degiannis, C.W. Schwab, S. Uranüs**

Abdomino-thoracal procedures

Damage control, packing

Intravascular shunt

Hemostatic techniques for the liver, atypical liver resection, tissue sealing

Splenic preservation, splenorrhaphy, partial resection, tissue sealing

Repair of stomach, pancreatic and intestinal injuries

Exploration of the retroperitoneum and the kidneys

## 17.30 Final remarks, awarding of certificates

## Faculty

**Dr. med. vet. Vladimir BUBALO**

Veterinary anesthesiologist  
Biomedical Research  
Medical University of Graz

**Univ. Prof. Dr. Hubert HAUSER**

Department of Surgery  
Division of General Surgery  
Medical University of Graz

**OA Dr. Leo Kronberger, MSc.**

Department of Surgery  
Division of General Surgery  
Medical University of Graz

**Priv.-Doz. Dr. Jörg Lindenmann**

Division of Thorax Surgery  
Medical University of Graz

**OA Dr. Herwig MASSONG**

Department of Anesthesiology and  
Intensive-Care Medicine  
Medical University of Graz

**Univ.Prof.Dr. Johann Pfeifer**

Department of Surgery  
Deputy, Section for Surgical Research  
Division of General Surgery  
Medical University of Graz

**Univ.Prof.Dr. Hans Pinter**

Division of General Surgery  
Medical University of Graz

**Univ. Prof. Dr. Selman URANÜS**

Department of Surgery  
Head, Section for Surgical Research  
Division of General Surgery  
Medical University of Graz

**Dr.med.vet. Dip.ECVAA Iris**

**WIEDERSTEIN-GRASSER**  
Veterinary anesthesiologist  
Section for Surgical Research Medical  
University of Graz

## International Faculty

**Juan ASENSIO, MD, FACS**

Professor of Surgery  
University of Miami  
Miami, Florida, USA

**Walter L. BIFFL, MD**

Associate Director of Surgery,  
Denver Health Medical Center  
University of Colorado  
Colorado, 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

**Charles William SCHWAB, MD, FACS**

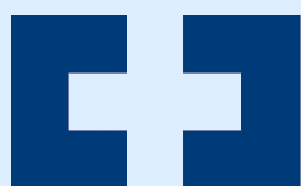
Professor of Surgery  
University of Pennsylvania  
Philadelphia, Pennsylvania, USA

## Registration

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