



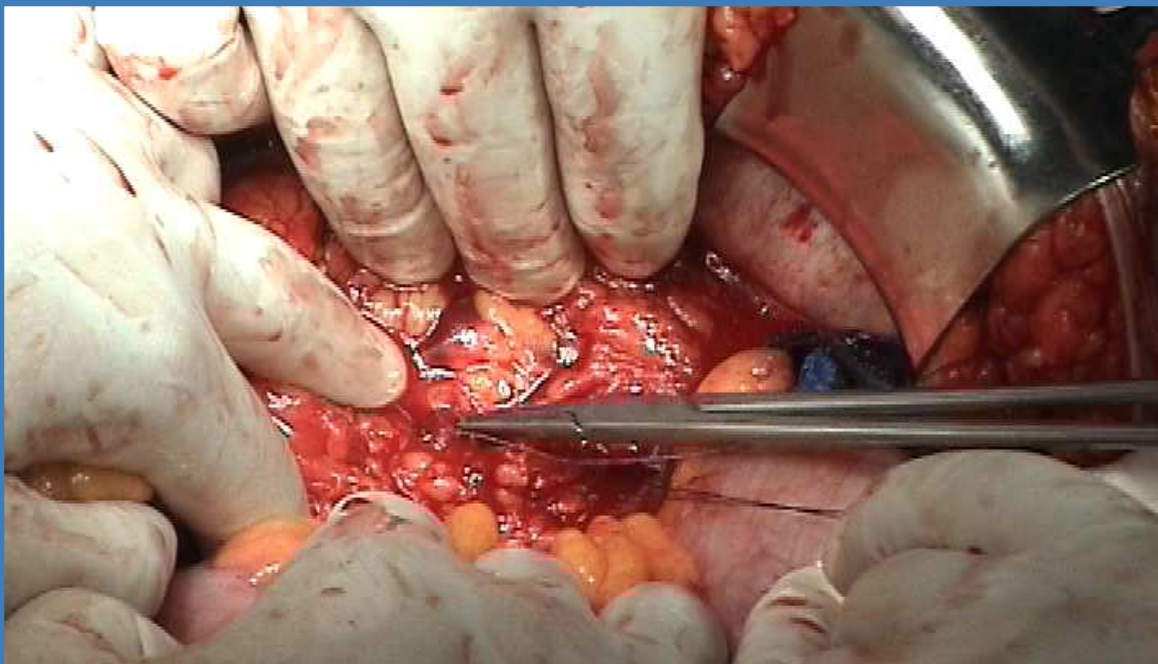
**EUROPEAN SOCIETY FOR TRAUMA AND  
EMERGENCY SURGERY (ESTES)  
&  
INTERNATIONAL ASSOCIATION FOR THE  
SURGERY OF TRAUMA AND SURGICAL  
INTENSIVE CARE (IATSIC)**



**DEPARTMENT OF SURGERY  
MEDICAL UNIVERSITY OF GRAZ**

**WORKSHOP ON VISCERAL TRAUMA**

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



**September 21-22, 2015**

In cooperation with the

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





# PROGRAM

## WORKSHOP ON VISCERAL TRAUMA



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

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:** *S. Uranüs, M.D., Dr.h.c., F.A.C.S.*

**Organizing Committee:** *D. Nagele-Moser, M.D., G. Tomasch, M.D., MSc.,  
L. Kronberger, M.D., MSc.*

**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:**

*Irmgard Praßl, MPH*

*Section for Surgical Research*

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*A-8036 Graz*

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*Phone: +43-316 385 83232*

*Fax: +43 316 385 16845*

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

**Monday, September 21, 2015**

## **07.45 – 13.00 Theoretical aspects: Part I**

**Moderation: S. Uranüs**

07:45 Welcome and introduction  
*S. Uranüs*

08:00 Emergency room workflow & diagnostic steps  
*C.W. Schwab*

08:25 Shock resuscitation, massive transfusion, principles and clinical endpoints  
*G. Velmahos*

08:50 Trauma laparotomy - how to explore the abdomen?  
*A. Fingerhut*

09:15 Damage control  
*C.W. Schwab*

09:40 Emergency laparoscopy in abdominal trauma - when and how?  
*S. Uranüs*

10:00 Case presentation  
*G. Velmahos*

### **10.30- 10.50 Coffee break**

**Moderation: A. Fingerhut**

10:50 Abdominal vascular injuries – which and how to repair?  
*E. Degiannis*

11:15 Hepatic trauma  
*R. Latifi*

11:40 Splenic trauma  
*S. Uranues*

12:00 Abdominal compartment syndrome  
*G. Velmahos*

12:25 Case presentation with audience participation  
*E. Degiannis, R. Latifi, C.W.Schwab*

**13.00 - 13.50 LUNCH**

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

### Group I, II, III, IV

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

**Tutors :** A. Fingerhut, R. Latifi, H. Pinter

Abdomino-thoracal incisions

Thoracotomy, sternotomy

Damage control, packing

Access to major vessels of the abdomen and chest

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 – Section for Surgical Research

**Tutors:** E. Degiannis, C.W. Schwab, S. Uranüs, G. Velmahos

Trauma laparotomy

Packing & damage control surgery

Intravascular shunt, vascular repair

Hemostatic techniques in liver injuries, atypical liver resection

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 22, 2015**

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

### **Moderation: S. Uranues**

- 08.00 Chest trauma  
*J. Lindenmann*
- 08.30 Management of gunshot wounds  
*C.W.Schwab*
- 08.55 Case presentation  
*S.Uranues*
- 09.05 Neck injury  
*E. Degiannis*
- 09:30 Case presentation  
*J. Lindenmann*

### **09.45- 10.05 Coffee break**

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

- 10:05 Cardiac injury  
*E. Degiannis*
- 10.30 Pancreatic and duodenal injuries  
*R. Latifi*
- 10.55 Injuries to the stomach and bowel  
*A. Fingerhut*
- 11.20 Nutrition in trauma patients  
*R.Latifi*
- 11:40 Exsanguinating pelvic injuries  
*G. Velmahos*
- 12:00 Case presentations  
*E. Degiannis, A. Fingerhut, C.W. Schwab*

## **12.40 - 13.15 Lunch**

## 13.30 - 17.00 Hands-on session: Part II

### Group V, VI, VII, VIII

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

**Tutors:** A. Fingerhut, R. Latifi, 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 – Section for Surgical Research

**Tutors:** E. Degiannis, C.W. Schwab, S. Uranüs, G. Velmahos

Trauma laparotomy

Packing & damage control surgery

Intravascular shunt, vascular repair

Hemostatic techniques in liver injuries, atypical liver resection

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. Bettina HAUSEGGER, MA**

Veterinary anesthesiologist  
Section for Surgical Research  
Medical University of Graz

**Dr. Leo KRONBERGER, MSc.**

Department of Surgery  
Division of General Surgery  
Medical University of Graz

**Prof. Dr. Jörg LINDENMANN**

Division of Thorax Surgery  
Medical University of Graz

**Dr. Herwig MASSONG**

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

**Prof. Dr. Hans PINTER**

Department of Surgery  
Medical University of Graz

**Dr. Aida SARIČ**

Veterinary anesthesiologist  
Biomedical Research  
Medical University of Graz

**Prof. Dr. Selman URANÜS**

Department of Surgery  
Medical University of Graz

## International Faculty

**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

**Rifat LATIFI, MD, FACS**

Professor of Surgery  
Co-Director Trauma Research Institute  
University of Arizona  
Tucson, Arizona

**Charles William SCHWAB, MD, FACS**

Professor of Surgery  
University of Pennsylvania  
Philadelphia, Pennsylvania, USA

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

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

## Registration

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