

**WORKSHOP ON VISCERAL TRAUMA**

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



**September 16 – 17, 2024**

**DEPARTMENT OF SURGERY GRAZ**

Endorsement requested:

European Society for Trauma and Emergency Surgery (ESTES)

&

International Association for Trauma Surgery and Intensive Care (IATSIC)

In cooperation with

Institute of Pathology, Medical University of Graz

# Program

## WORKSHOP ON VISCERAL TRAUMA

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 directors:** S. Uranues, M.D., P. Stiegler, M.D.

**Organizing Committee:** S. Uranues, M.D., P. Stiegler, M.D

**Course language:** English

**Course location:** Department of Surgery, Auenbruggerplatz 5<sup>6</sup>, 8036 Graz

**Theory:** Lecture hall center, Auenbruggerplatz 50<sup>1</sup>, 8036 Graz

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

**Registration fee:** € 1.250,-/ € 1.150,- for members of ESTES and IATSIC member societies.

Registrations are accepted on a first-come first-served basis after receipt of payment.

### **Registration:**

Rosmarie Suppan

Surgical Research

Auenbruggerplatz 5

A-8036 Graz

E-Mail: [office@vcfw.at](mailto:office@vcfw.at)

Phone: +43 316 385 83018

<http://www.vcfw.at>

# Program

*Monday, September 16, 2024*

---

**7:15-7:45      Registration**

## **07:45-13:20 Theoretical Aspects Part I**

**Moderation:**    **S. Uranues**

07:45	Welcome and introduction	<i>S. Uranues P. Stiegler</i>
08:00	Fluid resuscitation & REBOA – clinical endpoints	<i>M. Bowyer</i>
08:20	Shock room and airway management	<i>M. Alfa-Wali</i>
08:50	Trauma laparotomy - how to explore the abdomen?	<i>A. Fingerhut</i>
09:15	Laparoscopy in trauma - when and how?	<i>S. Uranues</i>
09:35	Damage control	<i>M. Stuever</i>
10:00	Case presentation & interactive discussion	<i>T. Hauer</i>

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

**Moderation:**    **P. Stiegler**

10:50	Abdominal vascular injuries – shunt or ligate or repair?	<i>M. Bowyer</i>
11:15	Hepatic trauma	<i>M. Stuever</i>
11:40	Splenic injuries	<i>S. Uranues</i>
12:00	Abdominal compartment syndrome	<i>M. Alfa-Wali</i>
12:25	Case presentation & interactive discussion	<i>T. Hauer</i>
13:00	Lunch lecture: Ethical considerations	<i>P. Stiegler</i>

### ***13:20-13:45 Lunch***

# Program

*Monday, September 16, 2024*

---

## 14:00-17:30 Hands-on Session Part I

---

Group I, II, III

---

### **Hands-on training on cadaver – in cooperation with the Institute of Pathology**

**Tutors:** *M. Alfa-Wali, M. Bowyer, P. Stiegler*

#### Abdomen:

- Vascular exposures in the abdomen and pelvis
- Supra-mesocolic midline hematoma
- Medial rotation of the viscera
- Pelvic packing

#### Thorax:

- Median sternotomy – vascular exposure & root to the neck
- Lateral anterior thoracotomy; clamshell incision (bilateral anterolateral thoracotomy)
- Cross clamping aorta; lung mobilization

Exposure subclavian artery above and below the clavicle

Vascular exposure of extremities: Upper and lower extremities, femoral exposure

Fasciotomy of the lower extremity: two incisions - four compartments

---

Group IV, V, VI, VII

---

### **Hands-on training on live tissue – Surgical Research Suite**

**Tutors:** *A. Fingerhut, T. Hauer, M. Stuever, S. Uranues*

Trauma laparotomy

Packing & damage control

Intravascular shunt, vascular repair

Hemostatic techniques in hepatic and splenic injuries

Adjuncts of hemostasis - tissue sealing

Splenectomy, partial splenectomy

Repair of stomach and bowel injuries

Exploration of the retroperitoneum and the kidneys

**19:30 Dinner**

# Program

*Tuesday, September 17, 2024*

---

## 07:45-12:30 Theoretical Aspects Part II

**Moderation:** M. Bowyer

07:45	Neck injury	M. Alfa-Wali
08:15	Chest trauma	M. Bowyer
08:45	Cardiac injuries	M. Stuever
09:05	Injuries to the stomach and duodenum	T. Hauer
09:25	Case presentation & interactive discussion	A. Fingerhut

## 09:45-10:05 Coffee break

**Moderation:** P. Stiegler

10:05	Pancreatic injuries	S. Uranues
10:25	Colonic injuries	A. Fingerhut
10:45	Case presentation & interactive discussion	M. Alfa-Wali
11:05	Pelvic injuries & pelvic packing	M. Bowyer
11:35	Blast injuries	T. Hauer
11:55	Case presentation & interactive discussion	M. Stuever
12:30	Closing remarks	P. Stiegler

## 12:40-13:15 Lunch

# Program

*Tuesday, September 17, 2024*

---

## 13:30-17:00 Hands-on Session Part II

---

Group V, VI, VII

---

### **Hands-on training on cadaver – in cooperation with the Institute of Pathology**

**Tutors:** *M. Alfa-Wali, M. Bowyer, P. Stiegler*

#### Abdomen:

- Vascular exposures in the abdomen and pelvis
- Supra-mesocolic midline hematoma
- Medial rotation of the viscera
- Pelvic packing

#### Thorax:

- Median sternotomy – vascular exposure & root to the neck
- Lateral anterior thoracotomy; clamshell incision (bilateral anterolateral thoracotomy)
- Cross clamping aorta; lung mobilization

Exposure subclavian artery above and below the clavicle

Vascular exposure of extremities: Upper and lower extremities, femoral exposure

Fasciotomy of the lower extremity: two incisions - four compartments

---

Group I, II, III, IV

---

### **Hands-on training on live tissue – Surgical Research Suite**

**Tutors:** *A. Fingerhut, T. Hauer, M. Stuever, S. Uranues*

Trauma laparotomy

Packing & damage control

Intravascular shunt, vascular repair

Hemostatic techniques in hepatic and splenic injuries

Adjuncts of hemostasis - tissue sealing

Splenectomy, partial splenectomy

Repair of stomach and bowel injuries

Exploration of the retroperitoneum and the kidneys

**17:05 Final remarks, awarding of certificates**

## Faculty

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

Biomedical Research  
Medical University of Graz

**Mag.<sup>a</sup>med.vet. Lisa BARONES**

Biomedical Research  
Medical University of Graz

**Prof.Dr. Gerald HÖFLER**

Diagnostic and Research  
Institute of Pathology  
Medical University of Graz

**Mag.med.vet. Danijel MARKOVIC**

Biomedical Research  
Medical University of Graz

**Dipl. vet. Aida SARIC**

Biomedical Research  
Medical University of Graz

**Assoc.Prof.PD Dr. Philipp STIEGLER, MBA**

Department of Surgery  
Medical University of Graz

**Prof.Dr.Dr.h.c. Selman URANÜS**

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

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

Professor of Surgery  
Centre Hospitalier Intercommunal  
Poissy-Paris, FRANCE

**Thorsten HAUER, MD**

Bundeswehrkrankenhaus Berlin  
Deputy Head, Klinik II – Department of  
General and Visceralsurgery  
Berlin, GERMANY

## Guest Faculty

**Maryam ALFA-WALI, BSc (Hons) MB BCH  
MFST MEd FRCS PhD**

St Mary's Hospital, Major Trauma Centre,  
Imperial Healthcare Trust, London, UK

**Mary STUEVER, DO, FACS, Lt Col, USAF, MC**

Trauma Medical Director  
European Command, Combat Trauma System  
Landstuhl Regional Medical Center, GERMANY

