

WORKSHOP ON VISCERAL TRAUMA

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



September 23 – 24, 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 5⁶, 8036 Graz

Theory: Lecture hall center, Auenbruggerplatz 50¹, 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

Phone: +43 316 385 83018

<http://www.vcfw.at>

PROGRAM

Monday, September 23, 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 in trauma	<i>G. Velmahos</i>
08:20	REBOA – principles and clinical endpoints	<i>M. Bowyer</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>A. Biloslavo</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>G. Velmahos</i>
11:40	Splenic injuries	<i>S. Uranues</i>
12:00	Abdominal compartment syndrome	<i>H. Kurihara</i>
12:25	Case presentation & interactive discussion	<i>A. Fingerhut</i>
13:00	Lunch lecture: Ethical considerations	<i>P. Stiegler</i>

13:20-13:45 Lunch

PROGRAM

Monday, September 23, 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. Bowyer, M. Stuever, 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. Biloslavo, A. Fingerhut, H. Kurihara, G. Velmahos*

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 24, 2024

07:45-12:30 Theoretical Aspects Part II

Moderation: A. Fingerhut

07:45	Neck injury	M. Stuever
08:15	Chest trauma	M. Bowyer
08:45	Cardiac injuries	G. Velmahos
09:05	Injuries to the stomach and duodenum	A. Fingerhut
09:25	Case presentation & interactive discussion	H. Kurihara

09:45-10:05 Coffee break

Moderation: P. Stiegler

10:05	Pancreatic injuries	S. Uranues
10:25	Colonic injuries	A. Biloslavo
10:45	Case presentation & interactive discussion	M. Stuever
11:05	Pelvic injuries & pelvic packing	H. Kurihara
11:35	Case presentation & interactive discussion	G. Velmahos
11:55	Blast injuries	M. Bowyer
12:30	Closing remarks	P. Stiegler

12:40-13:15 Lunch

PROGRAM

Tuesday, September 24, 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. Bowyer, M. Stuever, 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. Biloslavo, H. Kurihara, G. Velmahos, 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.^amed.vet. Bettina HAUSEGGER-BAUER

Biomedical Research
Medical University of Graz

Prof.Dr. Gerald HÖFLER

Diagnostic and Research
Institute of Pathology
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

**Dr.ⁱⁿ med.vet. Iris WIEDERSTEIN- GRASSER,
Dipl. ECVAA**

Biomedical Research
Medical University of Graz

Prof. Dr. Kurt ZATLOUKAL

Diagnostic and Research
Institute of Pathology
Medical University of Graz

International Faculty

Alan BILOSLAVO, MD, FEBS EmSurg, FACS

General Surgery Department
University of Trieste
Cattinara Hospital, Trieste, ITALY

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

Hayato KURIHARA, MD, FACS, FEBS EmSurg

Emergency Surgery Unit
Fondazione IRCCS Ca' Granda Ospedale
Maggiore Policlinico, Milan,
University of Milan, ITALY

Guest Faculty

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

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

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

