



Society for Surgical Research and further education

Ultrasound for Emergency Surgeons

Preliminary Program



September 22, 2021

Modular UltraSound ESTES Course™ (MUSEC™)

Endorsement requested:

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

in cooperation with:

**MEDICAL SIMULATION & TRAINING
CENTER STYRIA, GRAZ**



General information



From surgeons to surgeons, designed for general and acute care surgeons and for all physicians who need point-of-care ultrasound for surgical decision making in the acute setting

What is MUSEC

MUSEC is a “hands-on” ultrasound course especially designed to aid acute care surgeons and emergency physicians in abdominal emergencies.

MUSEC features

- Half-day modules
- Focus on hands-on skills
- Clinically oriented simulated cases
- Tips and tricks
- Interactive e-learning program provided in advance

Objectives

- Recognize normal/abnormal findings
- Become confident in obtaining images of visceral structures
- Use as a decision-making tool

Modules

- E-FAST
- Diagnostic US (chest, abdomen and pelvis)
- Advanced visceral US
- Interventional US

Course directors: *M. Zago, M.D., S. Uranüs, M.D*

Course language: English

Course location: *Department of Surgery, Section for Surgical Research, Auenbruggerplatz 29, and Medical Simulation & Training Center Styria, Auenbruggerplatz 19/8, 8036 Graz*

Registration fee: MUSEC in combination with DSTC € 250.00; € 225.00 for members of ESTES and IATSIC affiliated societies
MUSEC only € 300.00; € 275.00 for members of ESTES and IATSIC affiliated societies
Registrations are accepted on a first-come first-served basis after receipt of payment.

Registration and information:

office@vcfw.at

Tel.: +43 316-385/83018

Fax: +43 316-385/16845

<http://www.vcfw.at>

musec@thesoundofthebody.eu

www.estesonline.org

Module I: E-FAST

07:45 Registration

08:00 Welcome and introduction
S. Uranues, M. Zago

08:10 Interactive case scenario: Live demonstration of ultrasound as a decision-making tool in trauma
H. Kurihara, A. Biloslavo

08:20 Knobology & image orientation: technical details and handling
M. Zago

08:40 E-FAST (video) – tips and tricks/pitfalls
H. Kurihara, J. Igrac

08:55 Case scenarios – Interactive session
M. Zago, A. Biloslavo

09:25- 09:45 Coffee break

09:45 Hands-on sessions (FAST, Chest US, complete E-FAST)
All faculty

11:45 Multiple choice test & test of practical skills
H. Kurihara, S. Uranues, M. Zago

12:15 Questions & answers
H. Kurihara, S. Uranues, M. Zago

12:30 End of Module I

Content of the hands-on sessions

1st (40')	2nd (30')	3rd (40')	4th (30')
Abdominal views Free fluid: <ul style="list-style-type: none">• abdomen• pericardium• pleural spaces	Thoracic views Basic lung & lung point	E-FAST Complete E-FAST ABCDE concept	Case scenarios <i>Case scenarios managed with focused US</i> <i>"Critical" views ("What do you want to redo"?)</i>

12:30 – 13:30 Lunch

Module II: Diagnostic US in the emergency department

13:30 Introduction
M. Zago

13:35 Two interactive clinically based scenarios
A. Biloslavo, H. Kurihara

13:45 Lectures & interactive cases / 1
H. Kurihara, S. Uranues, A. Biloslavo

- Gallbladder & biliary tract
- Case scenario
- Aorta
- Case scenario
- Kidney & bladder
- Case scenario

14:45- 15:00 Coffee break

15:00 Lectures & interactive cases / 2
M. Zago, J. Igrac

- CUS
- Case scenario
- Appendix & small bowel
- Case scenario
- Soft tissue
- Case scenario

15:30 Hands-on session
All faculty

17:30 Questions and Answers
H. Kurihara, S. Uranues, M. Zago

17:45 Closing remarks
S. Uranues

17:45 Final remarks, awarding of certificates

Faculty

**SELMAN URANÜS, MD, Dr.h.c., FACS,
FEBS EMSURG.**

Department of Surgery
Medical University of Graz

JASMINKA IGREC, MD, PhD

Department of Radiology
Medical University of Graz

International Faculty

ALAN BILOSLAVO, MD, FACS

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

HAYATO KURIHARA, MD, FACS, FEBS EMSURG

Director of Acute Care Surgery Unit
Chirurgia Generale e Digestiva
Humanitas Hospital, Milan, Italy

MAURO ZAGO, MD, FEBS EMSURG, FACS

General Surgery Dept
Minimally Invasive Surgery Unit, Head
Policlinico San Pietro, Bergamo, Italy

Registration

office@vcfw.at

Tel.: +43 316-385/83018

Fax: +43 316-385/16845

Information:

<http://www.vcfw.at>

musec@thesoundofthebody.eu

www.estesonline.org

Ultrasound devices provided by:

The logo for MIDES, featuring the word "MIDES" in a bold, blue, sans-serif font. The letter "M" is stylized with a vertical bar on its left side.