



Society for Research and Training in Trauma Surgery

Ultrasound for Emergency Surgeons

Preliminary Program



September 30, 2020

Modular UltraSound ESTES Course™ (MUSEC™)

In cooperation with the:

EUROPEAN SOCIETY FOR TRAUMA AND
EMERGENCY SURGERY (ESTES)

&

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:

Mr. Mario Svetits

Workshop Coordinator

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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, E. Talakic

08:55 Case scenarios – Interactive session
M. Zago, A. Malagnino, 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. Malagnino, 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, A. Malagnino, E. Talakic

- 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

EMINA TALAKIC, MD

Department of Radiology
Medical University of Graz

Registration

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International Faculty

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HAYATO KURIHARA, MD, FACS, FEBS EMSURG

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Minimally Invasive Surgery Unit, Head
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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.