

Gesellschaft zur Forschung und wissenschaftlichen Weiterbildung in der Unfallchirurgie

Rosenberggürtel 15/7, A-8010 Graz

Society for Research and Training in Trauma Surgery

Ultrasound for Emergency Surgeons

Preliminary Program



September 18, 2019

Modular UltraSound ESTES Course™ (MUSEC™)

In cooperation with:

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

&

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

&

**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

- Two half-day modules
- Focused 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 member societies
MUSEC only € 300.00; € 275.00 for members of ESTES and IATSIC member societies
Registrations are accepted on a first-come first-served basis after receipt of payment.

Registration and information:

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

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, D. Mariani

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

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

08:55 Case scenarios – Interactive session
E. Chouridou, M. Durno, D. Mariani

09:25- 09:45 Coffee break

09:45 Hands-on sessions (FAST, chest, 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 (soft tissue, gallbladder)
E. Chouridou, M. Durno

13:45 Lectures & interactive cases / 1
H. Kurihara, D. Mariani, S. Uranues

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

14:45- 15:00 Coffee break

15:00 Lectures & interactive cases / 2
E. Chouridou, M. Durno, M. Zago

- 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
EMERG.SURG.**

Department of Surgery
Medical University of Graz

International Faculty

MAURIZIO DURNO, MD

General Surgery Department
Presidio Ospedaliero Apuane
Massa Carrara, Italy

CHOURIDOU EFTERPI, MD, MSc, PhD

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Registration

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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.