

USLS COURSE – BL1 PROVIDER

PROGRAM

The WINFOCUS-endorsed USCMC International Training Program is the core of a worldwide development plan, designed to empower ubiquitously Health Care in Critical Scenarios, focusing the “point-of-care” ultrasound enhancement of the Critical Management Cycle. The project is promoted by WINFOCUS and delivered in the frame of a worldwide multicentric study, to define International standards for CME and CPD in Emergency, Acute, Critical and Primary Health Care.

Neri L, Storti E, Lichtenstein D, Toward an ultrasound curriculum in critical care medicine. Crit Care Med 2007;35 [Suppl]:S290–S304

The course is valued by Croatian Medical Chamber (attendies 10 points, lecturers12 points).

FACULTY

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INFORMATION and REGISTRATION

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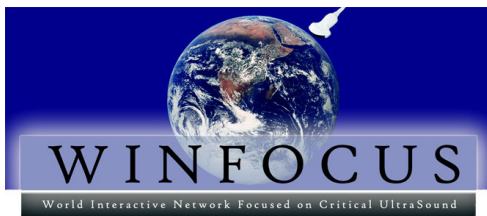
REGISTRATION FEE: 1000 Kn (140 Euro)

Bank account: Hrvatski liječnički zbor 2360000-1101214818, 268-100-3

Please fax (01 2367465) or e-mail the copy of the payment for evidention!

Venue: KBC Zagreb-Hospital Rebro, Department of Cardiology hall.

(Please use the elevator in the Emergency Department waiting room and go to the 2nd floor. The hall is directly opposite to the elevator)



USCMC COURSE – BL1 PROVIDER PROGRAM

International Program Director

Daniel Lichtenstein

International Program Co-directors

Luca Neri, Enrico Storti, Michael Blaivas

**ULTRASOUND-ENHANCED
CRITICAL MANAGEMENT COURSE**

**ULTRASOUND
IN PRIMARY, EMERGENCY
& CRITICAL CARE MEDICINE**

**USLS – BL1 (Basic Level 1)
PROVIDER**

November 18.-19, 2013, Zagreb, Croatia

Croatian Medical Association

Croatian Society of Internal Medicine

Course Director: Radovan Radonić

Venue: K B C Zagreb - Rebro, Kišpatićeva 12, Zagreb

Department of Cardiology Hall

WINFOCUS

**USLS COURSE – BL1 PROVIDER
PROGRAM**

November 18th, 2013 - Monday

h 09:00 Greetings and Registration

INTRODUCTION

h 09:10 “Point-of-care” ultrasound in primary, emergency and critical care medicine: Level 1 ultrasound-enhanced critical management cycle [USCMC]

ULTRASOUND TECHNICAL “THINKING”

h 09:30 Image generation: ultrasound physics, technology, instrumentation
h 09:50 Image acquisition: scanning techniques and procedures
h 10:10 Image interpretation: sonographic semeiotics, tips and pitfalls

h 10:30 Break

**ULTRASOUND - ENHANCED CLINICAL “THINKING”
“ABCDE” PRIMARY ASSESSMENT**

A [AIRWAY]: Airway Patency and Obstruction

h 10:50 Ultrasound-enhanced airway assessment

B [BREATHING]: Respiratory Performance, Dyspnea & Hypoxaemia

h 11:10 Basic principles of lung examination
h 11:30 The syndromes: normal lung, alveolar consolidation, interstitial syndrome, pneumothorax
h 11:40 Integration of syndromes into diseases: BLUE-protocol

h 11 50 Break

C [CIRCULATION]: Haemodynamics & Shock/Hypotension

h 12:10 Cardiac ultrasound semeiotics and windows
h 12:30 Functional assessment of overall cardiac performance and volume status
h 12:50 Focused Echocardiography Evaluation in Resuscitation management (FEER/FATE)
13 10 Ultrasound-enhanced electric, respiratory, fluid, and drug resuscitation

h 15:00 **Ultrasound Hands-on Training**

h 18:00 Session closure

**USLS COURSE – BL1 PROVIDER
PROGRAM**

November 19th, 2013 - Tuesday

C [CIRCULATION]: Haemodynamics & Shock/Hypotension

h 09:00 Free peritoneal fluid detection: FAST and extended protocols
h 09:20 Focused evaluation of thrombo-embolic disease
h 09:40 Abdominal and thoracic aortic aneurysm detection
h 10:00 Retro-peritoneal, parenchymal and soft tissue haematomas basic evaluation
h 10:20 Haemodynamic assesment - FALLS protocol

h 10 40 Break

D [DISABILITY]: Neurological status & coma/focal signs:

h 11:00 Ultrasound-enhanced focused cerebral assessment: the optic nerve and beyond
h 11:20 O&G related critical ultrasound concepts

“ABCDE” RESUSCITATION

h 11:40 Ultrasound-enhanced interventional resuscitation
h 12:00 Ultrasound guided vascular access
h 12:20 Interactive Case Study & Demonstration

h 12:40 Break

**ULTRASOUND--ENHANCED
ORGANIZATIONAL & SOCIAL “THINKING”**

h 12:50 Outcome & competence-based continuing education in critical scenarios

h 15:00 Siemens vireless ultrasound probe! Demonstration

h15 10 **Ultrasound Hands-on Training**

h 18:00 Evaluation & Session closure