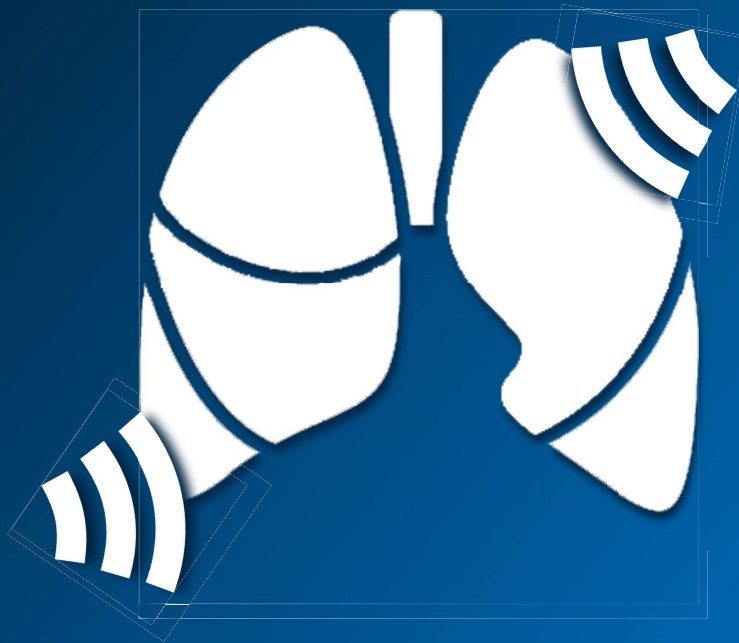
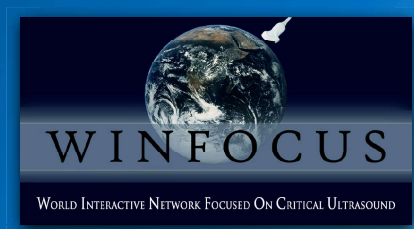


LUNG & DIAPHRAGM ULTRASOUND (LUS & DUS)



Based on the “*International Evidence Based Recommendations for Point of Care Lung Ultrasound*” published on INTENSIVE CARE MED 2012

An International Course for Anesthesiologists, Intensive & Critical Care physicians, Internists, Pneumologists, Respiratory Physiotherapists designed and organized by WINFOCUS (www.winfocus.org)



A primer course on Lung Ultrasound (LUS) and ultrasound of the diaphragm (DUS) for Internists, Emergency physicians, Pneumologists, Emergency and Critical Care Physicians, and all clinicians dealing with the acute patient. The course provides the basis on lung ultrasound fundamentals and methodology, the nuts and bolts of the scanning technique, on interpretation of the findings, and subsequently delves into the state-of-the-art LUS applications for the clinician approaching respiratory failure. Diaphragmatic ultrasound applications are also presented. The content on LUS is conform to the proceedings of the first International Consensus Conference on Lung Ultrasound (ICC-LUS) (Volpicelli G., et al. "International Evidence-Based Recommendations for point-of-care Lung Ultrasound" - INTENSIVE CARE MED 2012; 38: 577-591).

Directors: Gabriele Via (Lugano), Jens Greiser (Sion)

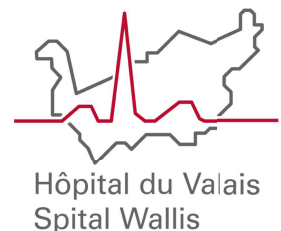
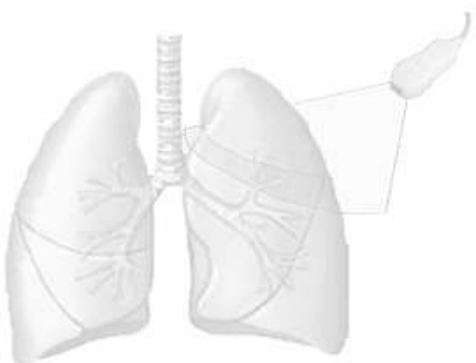
Faculty: Nadia Amyai (Sion), Christian Balmer (Sion), Francesco Caronni (Lugano), Juan José García Martínez (Sion), Jens Greiser (Sion), Gabriele Via (Lugano)

Venue: Hôpital du Valais - Centre Hospitalier du Valais Romand
Centre de Formation et Simulation
Rue St-Charles 14
3960 Sierre

Registration: The registration fee is 800 CHF and includes 1-day course attendance with theoretical and practical sessions, course handouts, a WINFOCUS certificate of attendance and SGUM CME credits (pending request).

To register, please mail to davide.neri@winfocus.org or phone to +39 338 6727225: you will be guided on registration and receive all infos for payment and course attendance.

Endorsed by:





WINFOCUS' LUNG & DIAPHRAGM ULTRASOUND (LUS & DUS)



07.30	Registration
08.00	Welcome, course instructions
08.10	Basic Ultrasound physics for Lung UltraSound (LUS)
08.30	LUS Fundamentals, Normal Lung appearance
08.50	LUS Knobology, Scanning Technique
09.15	Pleural Effusion
09.35	Consolidation
09.55	Coffee
10.10	Interstitial Syndrome
10.35	Pneumothorax
11.00	HANDS ON TRAINING (HOT 1): 1. LUS knobology, anterior chest, costo-phrenic sinuses; 2. exam; 3. patient, 4. patient, 5. patient, 6. clips revision 6 WORKSTATIONS with healthy models, patients, and laptops (All faculty)
13.00	Lunch Break
14.00	LUS: from signs to patterns
14.45	LUS in Acute Respiratory Failure: The BLUE Protocol
15.10	Diaphragmatic Ultrasound (DUS): technique and clinical applications
15.40	HANDS ON TRAINING (HOT 2): Diaphragmatic excursion (2D and M Mode), Diaphragmatic thickening 6 WORKSTATIONS with healthy models (All faculty)
16.40	Coffee
17.00	INTERACTIVE CASE SESSION
18.00	End of Course & Certificate distribution

