



WINFOCUS

World Interactive Network Focused on Critical UltraSound

Ultrasound Life Support Basic Level 1 Provider Course

An Ultrasound Course in Emergency & Critical Care Medicine

26-27 May 2011

Offered by

Acute and Emergency Care Center
Khoo Teck Puat Hospital, Singapore

Specifically designed for physicians and surgeons exploring point of care ultrasound to enhance the management of the critically ill. This course presents a systematic and comprehensive assessment using ultrasound, adopting the familiar "A, B, C, D, E" format in accordance with the WINFOCUS ultrasound life support curriculum. The intent is to enable rapid and effective decision making, and to improve triage, diagnostic, therapeutic and monitoring capability. The key lectures are condensed and will be delivered in an interactive format. During the hands on training sessions, trainees will be guided to perform bedside scans on volunteers and practise intervention skills on mannequins. The trainee to trainer ratio is restricted to ensure trainees have ample opportunities to practise. This course will lay the foundation required of the clinician in using point of care ultrasound in their daily practice.

- Training Value** Singapore Medical Council 8 CME points.
European Continuation Medical Education credits (EUMS), equivalent to WINFOCUS Ultrasound in Critical Care Medicine BPL1.
- Registration** Please complete registration slip below and email to leong.joanne.yt@alexandrahealth.com.sg. Your registration will be confirmed once payment is received.
- Payment** Course fee: \$680 Singapore Dollars. All payments are by cheque OR bank draft in favour of **ALEXANDRA HEALTH PTE LTD**. Indicate your name and the word "WINFOCUS" at the back of the cheque. All payment should be received by 19th May 2011, sent to:
- Ms Joanne Leong / Department Secretary
Acute & Emergency Care Centre
90 Yishun Central
Singapore 768828**
- Refund** Cancellation and refund request must be received by email one week prior to the course. No refunds will be made thereafter, including nonattendance.
- Please note** Course material, meals and refreshment will be provided. Program changes/substitute may be made without prior notice in event of unforeseeable circumstances.

WINFOCUS Ultrasound Life Support Basic Level 1 Provider Course • KTPH • 26-27 May 2011

Title / name:

Speciality:

Position / organization affiliation / country:

Mailing address:

Email address:

Dietary restriction (if any):

Degree:

MCR No (if applicable):

Contact number:

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DAY ONE	DAY TWO
8:00 – 8:15 Registration, breakfast	8:30 – 9:00 Circulation: Pregnancy Intrauterine vs ectopic pregnancy, fetal heart beat. Abdominal pain and PV bleed in the first trimester.
8:15 - 8:30 Introduction WINFOCUS and development of point of care ultrasound	9:00 – 9:15 Disability: Cerebral Optic nerve sheath diameter, midline shift, pupil reactivity. US guided lumbar puncture.
8:30 - 9:00 Physics & knobology Essentials of image formation, acquisition and optimization; tips and pitfalls	9:15 – 9:45 MSK and soft tissue ultrasound Abscess, cellulitis, necrotizing fasciitis, fracture. Nerve block, fracture reduction, foreign body, arthrocentesis, aspiration of abscess
9:00 – 9:30 Airway Airway obstruction, tracheal lesions and displacement, prandial status. ETT and NGT placement, cricothyroidotomy	9:45 – 10:00 Morning tea break
9:30 – 10:00 Breathing Pleural effusion, alveolar consolidation, interstitial syndrome, pneumothorax, bullae. Thoracentesis and chest tube placement.	10:00 – 10:30 Hepatobiliary & renal ultrasound Cholelithiasis, cholecystitis, hepatitis, liver trauma, urolithiasis, hydronephrosis, renal trauma.
10:00 – 10:15 Morning tea break	10:30 – 11:30 US enhanced approach to cardinal presentations Part 1 US guided approach to dyspnea Part 2 US guided approach to hypotension Part 3 US guided approach to painful swollen limb Part 4 US guided approach to abdominal pain
10:15 – 11:00 Circulation: Cardiac Pericardial effusion, tamponade, global cardiac systolic function, RV/LV enlargement, intra-volume status, PEA states. Pericardiocentesis.	11:30 – 12:15 Group Quiz and Case Discussion
11:00 – 11:15 Circulation: Arterial Abdominal aortic aneurysm, thoracic aortic dissection.	12:15 – 1:15 Lunch
11:15 – 12:00 Circulation: EFAST Free pericardial, peritoneal and pleural fluid, pneumothorax. Abdominal paracentesis, suprapubic catheterization.	1:15 – 5:00 Hand on training session
12:00 – 1:00 Lunch	5:00 – 5:10 WINFOCUS Regional and international development plans
1:00 – 1:30 Circulation: Venous Venous thrombosis in lower limbs and other sites. US guided vascular access and central line placement.	5:10 – 5:20 Course closure Feedback, certificate presentation, photo-taking. Adjourn
1:30 – 5:00 Hand on training session	

FACULTY

Dr Ang Shiang Hu MBBS MRCSEd(A&E), FAMS

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This education project is endorsed by

