

ULTRASSONOGRRAFIA EM SUPORTE DE VIDA

ULTRASOUND LIFE SUPPORT

7 e 8 de Abril 2011 | 7th and 8th April 2011

Auditório do Hospital da Luz

'USCMC LEVEL 1' Certification Skill Set
Entry Course for USLS BL1-P
[Ultrasound Life Support - Basic Level 1 - Provider]



ABCDE ULTRASOUND RESUSCITATION

WINFOCUS (World Interactive Network Focused On Critical UltraSound)

O conceito de ultrassonografia crítica e emergente, realizada em cenários críticos ou emergentes (unidades de cuidados intensivos ou intermédios, serviços de urgência, reanimação pré ou intrahospitalar, ambientes de catástrofe, ajuda humanitária, operações táticas), baseia-se na realização de exames no local de prestação de cuidados ("point-of-care"), pelos profissionais de saúde envolvidos na ressuscitação e abordagem directa dos doentes.

Nestes contextos, a aquisição e interpretação rápida e metódica, da cabeça ao pescoço ("Head-to-Toe Fast ABCDE Echo"), integrada nos protocolos de ressuscitação clínica (vital ou traumática), permite a tomada de decisões rápidas em termos de diagnóstico, triagem e terapêutica a instituir, constituindo uma extensão do exame objectivo, contribuindo para a melhoria da sobrevivência dos doentes.

Tendo como ponto de partida esta abordagem global, são desenvolvidos Cursos em áreas específicas relacionadas com a emergência e cuidados críticos, destinados a médicos e enfermeiros.

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Inscrições | Registration:

www.advita.pt/gesnet/cursos-ultrasonografia-em-suporte-de-vida-para-mdicos

<http://www.winfocus.org/registration>

Empowering Life Support Protocols with ABCDE UltraSound Resuscitation

[Entry course for USLS BI1 Provider Certification]

FIRST DAY

08:00		REGISTRATION & PRE-COURSE TEST
INTRO	08:30	Point-of-care US in Primary, Emergency and Critical Care Medicine: empowering life support protocols
	08:50	Critical ultrasound techniques: image generation, acquisition, interpretation & administration
AIRWAY	09:10	ASSESSMENT: Obstruction/atelectasia, tracheal displacement and lesions, emphysema. Prandial status. PROCEDURES: ETT, crico-tyroidotomy, tracheo-tomy/-stomy
	09:30	MANAGEMENT: Airway Protocols & Interactive Cases [US-AIR]
BREATHING	09:50	ASSESSMENT: Pleural effusion, alveolar consolidation, interstitial syndrome, pneumothorax. Diaphragm impairment.
	10:10	PROCEDURES: Needle aspiration, thoraco-centesis, chest tube insertion, thoracotomy.
	10:30	MANAGEMENT: Respiratory Protocols & Interactive Cases [BLUE]
10:50		COFFEE BREAK
CIRCULATION	11:10	ASSESSMENT: Introduction to echocardiography. Cardiac and caval vein windows.
	11:30	ASSESSMENT: Critical hemodynamic assessment: heart morphology/performance/filling state, pericardial effusion/tamponade, caval vein variations.
	11:50	ASSESSMENT: Thrombo-embolic disease: deep venous thrombosis, pulmonary embolism.
	12:10	MANAGEMENT: Thrombo-embolic disease: deep venous thrombosis, pulmonary embolism.
12:30		LUNCH
TRAINING	13:30	US HANDS-ON & SIMULATION: [HUMAN MODELS, PHANTOMS & ULTRASOUND SIMULATOR] Machine orientation. Signs & patterns, sono-anatomy. Airway, Breathing, Circulation.
17:30		SESSION CLOSURE

SECOND DAY

08:00		REGISTRATION & PRE-COURSE TEST
CIRCULATION	08:30	ASSESSMENT: Peritoneal effusion: FAST windows.
	08:50	ASSESSMENT: N/ retro-peritoneal, parenchymal and soft tissue haematomas.
	09:10	ASSESSMENT: Abdominal & thoracic aortic aneurysm: detection, measurement, N/ dissection and rupture.
	09:30	ASSESSMENT: O&G emergencies: ectopic vs intrauterine, retroplacental haematoma, placenta previa. Fetus: movements, heart beat, position, presentation.
	09:50	PROCEDURES: Defibrillation, TC & IV pacing. Pericardiocentesis, pleurocentesis. Paracentesis, DPL, laparotomy.
CIRCULATION	10:10	PROCEDURES: Peripheral & central venous catheterization.
	10:30	MANAGEMENT: Cardio-circulatory Protocols & Interactive Cases [FAST, EFAST, FAST-ABCDE, L/H/CV]
10:50		COFFEE BREAK
DISABILITY	11:10	ASSESSMENT: Optic nerve sheath/disc, pupil assessment (+midline shift, cervical fracture, neonatal assessment). MANAGEMENT: Neurological Protocols & Interactive Cases [US-NEU]
	11:30	US ABCDE PRIMARY MANAGEMENT: - US Trauma Life Support [US-TLS] - US Advanced Cardiac Life Support [US-ACLS] - US-Triage & US-EMS/HEMS
HEAD-TO-TOES	11:50	CONCEPTS ON HEAD-TO-TOES SECONDARY MANAGEMENT & MONITORING: - Head, Thorax, Abdomen, Limbs - Assessment, treatment, monitoring, and follow-up
CME	12:10	Ultrasound education and development: WINFOCUS global initiative for PHC, EM and CCM.
12:30		LUNCH
TRAINING	13:30	US HANDS-ON & SIMULATION: [HUMAN MODELS, PHANTOMS & ULTRASOUND SIMULATOR] Circulation, Disability Dyspnea, Shock, Coma US Trauma Life Support [US-TLS] US Advanced Cardiac Life Support [US-ACLS]
17:30		SESSION CLOSURE