

## 中國醫藥大學附設醫院 38 週年院慶研討會

### 2019 年 WINFOCUS 高級救命術超音波應用研討會暨工作坊

## Advanced ultrasound Life Support : Provider and Instructor (2019), World Interactive Network Focused on Critical Ultrasound (WINFOCUS)

#### 一、目的：

為推廣超音波應用於重症病人，快速找出病因、以超音波導引進行處置與治療成效評估，本院特別邀請亞洲國際 Point-of-Care Ultrasonography (POCUS)知名講師與國內經驗豐富的 WINFOCUS 超音波指導員一起來舉辦 WINFOCUS 高級救命術超音波應用研討會暨工作坊，以提升本院與國內的重症醫療服務品質與急重症超音波教學能力。

舉辦本研討會之目的在慶祝本院創建 38 週年，並希望透過此研討會與工作坊，提供國內外從事急重症臨床即時超音波之專家，蒞臨本院共同討論以及分享，我們亦採用實作工作坊的方式，營造一個充實的交流饗宴。

#### 二、會議時間：108 年 01 月 25-27 日 (共 3 日) 08:30 – 17:30

每日上午時段為研討會，開放院內醫護同仁參加，每日限額 200 名。

**下午時段實作工作坊(不對外開放)**

#### 三、會議地點：中國醫藥大學立夫教學大樓 B1 國際會議廳。

#### 四、主辦單位：急診醫學部

中國醫藥大學附設醫院教學部急重症超音波訓練中心

聯絡人：急診醫學部陳儷小姐 04-22052121 轉 5431

急重症超音波訓練中心吳惠足教學護理師

(分機：4601 / e-mail：[n2591@mail.cmuh.org.tw](mailto:n2591@mail.cmuh.org.tw))

#### 五、報名方式：一律採網路報名

報名連結：<https://goo.gl/N9vCiS>

報名截止日期：108 年 01 月 21 日 22:00 或額滿時。

活動議程：

Empowering Life Support Protocols with  
 ABCDE & Head-to-Toes  
 UltraSound Resuscitation  
 [Entry course for USLS AL1 Provider Certification]  
 [USLS AL1 P (Ultrasound Life Support Advanced – Provider)]

課程日期：108年01月25日(五) (下午場次   · 恕不對對外開放)

PRIMARY "ABCDE" Management – Review (25 January 2019)	
08:30-08:50	ULTRASOUND LIFE SUPPORT: a new paradigm for emergency and critical care medicine
08:50-09:15 09:15-09:35 AIRWAY& BREATHING MANAGMENT	[A] CLINICAL PROTOCOLS & INTERACTIVE CASES US-enhanced airway management [US-AIR] [B] ASSESSMENT: Pleural effusion, alveolar consolidation, interstitial syndrome, pneumothorax; diaphragm impairment.
09:35-10:10 CARDIO- CIRCULATORY	[C] ASSESSMENT: Focused hemodynamic assessment: heart morphology and performance, volume status. Ejection fraction. Embolism. Pericardial effusion.
10:10-10:25	BREAK
10:25-10:40	IVC variations, other parameter for volume assessment
10:40-11:20	Vascular catheterization : central veins, arteries.
11:20-11:40	Aortic aneurysm: detection, measurement, rupture & dissection. Retro-peritoneal, parenchymal and soft tissue haematomas.
11:40-12:10	[C] ASSESSMENT Shock protocol
12:10-13:00	LUNCH
13:00-14:20	HOTS US HANDS-ON & SIMULATION : HUMAN MODELS, US ABCDE Primary Resuscitation Management : (4 stations 40 min station 2 parallels) 1.Heart :PSAX,PLAX 2.Heart :SXP, AP4 3.LUNG :Pneumothorax, pleural effusion, A/B line 4.IVC, Aorta : Where to measure, pitfalls, Aorta supra/infrarenal
14:10-14:25	COFFEE BREAK
14:25-16:00	HOTS

Empowering Life Support Protocols with  
 ABCDE & Head-to-Toes  
 UltraSound Resuscitation  
**[USLS AL1 P (Ultrasound Life Support Advanced – Provider)]**

課程日期 : 108 年 01 月 26 日(六) 8:30-11:00 (其他場次   , 恕不對對外開放)

SECEONDARY "HEAD-To-TOES" Management (26 January 2019)	
08:30-09:00	FAST Single area fast VS Multiple area FAST, pitfalls in beginner
09:00-09:30	Thrombo-embolic disease: DVT and PE. Acute VS Chronic DVT Soft tissue collection drainage, NF cellulitis Vascular catheterization : central veins, arteries.
09:30-09:50	OB GYN Emergency Condition
09:50-10:05	Break
10:05-10:40	[B] CLINICAL PROTOCOLS & INTERACTIVE CASES US-enhanced respiratory management [BLUE] And other protocols(lung matrix)
10:40-11:00	Ultrasound in acute abdomen
11:00-12:10	HOTS Station 1 : FAST Station 2 : DVT (Upper and lower vein)
12:10-13:00	LUNCH
13:00-15:00	Station 3 : Pathology clips Station 4 : Vascular assess (phantom) Station 5 : Dyspnea protocol Station 6 : Shock protocol
13:00-14:00	HOTS - US Integrated resuscitation protocol - Vascular access
14:00-14:15	COFFEE BREAK
14:15-15:30	US HANDS-ON & SIMULATION : [HUMANS MODELS, PHANTOMS & ULTRASOUND SIMULATOR] - US Integrated resuscitation protocol - Vascular access
15:30-16:00	POST-COURSE TEST

Empowering Life Support Protocols with  
 ABCDE & Head-to-Toes  
 UltraSound Resuscitation  
**[USLS BL1 TRA (Ultrasound Life Support Advanced – Trainer)]**

課程日期：108 年 01 月 27 日(日) (下午場次   · 恕不對對外開放)

WINFOCUS Taiwan Instructor Basic Level 1 (China Medical University Hospital)	
Concepts: What beginner don't know, the pitfall that often missed. How to teach other people to do adequate view. How to teach people to apply ultrasound in scenario	
27 January 2019	
08:30-09:00	How to teach Essential physics, Probes, and Knobs
09:00-09:20	Emphasis point and pitfall in teaching Airway & Breathing protocol
09:20-09:40	Emphasis point and pitfall in teaching Cardiac
09:40-10:00	Emphasis point to teach in IVC, Aorta
10:00-10:20	Coffee break
10:20-11:00	Shock scenario, which protocol to use, when to use, ER protocol, trauma protocol, ICU protocol
11:00-11:40	Emphasis point PITFALL of doing FAST
11:40-12:00	Pathology clips on POCUS
12:00-13:00	Lunch
13:00-14:10	Two stations three parallel (Shock scenario, Dyspnea scenario) (Two station three parallels)
14:10-14:30	break
14:30-15:40	Hands station Skill test and feedback (Two station three parallels)

**※教育積分申請:**

內科醫學會積分(申請中)、急診醫學會、醫用超音波學會