



Symposium 18

緊急醫療救護在急診專科的向上發展與向下紮根

EMS in Emergency Medicine: the Development of Specialty and Recruitment in the Residency

時間：2026 年 6 月 27 日(六) 13:30~15:00

會議室：401 會議廳

座長：江文莒醫師(臺大醫院雲林分院)、侯勝文醫師(新光醫院)

13:30~13:50 Best Practices for Collaboration Between Law Enforcement and Emergency Medical Services During Acute Behavioral Emergencies

主講人：Michael Levy (Anchorage Areawide EMS)

13:50~14:10 把急診帶到病人身邊：「Doctor Car」院前醫師反應系統

Bringing the Emergency Department to the Patient: The "Doctor Car," a Physician Response System

主講人：朱聖恩醫師(亞東醫院)

14:10~14:20 綜合討論

14:20~14:30 換場

座長：黃泰霖醫師(童綜合醫院)、劉英國醫師(萬芳醫院)

14:30~15:00 白袍外的英雄夢：EMS 世代對談

Beyond the ER Walls: The Heroic Journey and Generational Insights of EMS Physicians

與談人：周上琳醫師(部立嘉義醫院)、
許智鈞醫師(新竹馬偕醫院)、
陳冠淇醫師(中國附醫)

講師簡介

Michael Levy

Michael Levy M.D, FAEMS, FACP, is an EMS physician based in Anchorage Alaska. He is the Chief Medical Officer for Anchorage Areawide EMS and the Medical Director for the Anchorage Fire Department, EMS Medical Director for the Kenai Peninsula Borough, the Medical Director for Emergency Programs for the State of Alaska, and he proudly serves as the medical director for a number of other Alaska EMS agencies. He is a Past President of NAEMSP (2021, 2022) He has been involved in EMS from from Chicago to the Navajo Nation and for the last two decades in Alaska. He has numerous medical publications with a professional focus on resuscitation. His goal in EMS is to enable providers to improve the outcome of their patients through personal empowerment via education, training, and evidence-based practice.



His undergraduate degree was from the University of Colorado Boulder and his M.D. from Northwestern University followed by residencies in Emergency Medicine and Internal Medicine with board certifications in both as well as subspecialty boards in EMS Medicine. He is Affiliate Associate Professor with the University of Alaska Health Sciences and practices community-based emergency medicine.

朱聖恩醫師

現職：亞東紀念醫院急診醫學科 主治醫師

學歷：國立陽明交通大學 急重症醫學研究所 博士

經歷：新北市政府消防局 醫療指導醫師

課程簡介

- **Best Practices for Collaboration Between Law Enforcement and Emergency Medical Services During Acute Behavioral Emergencies**

Acute behavioral emergencies involving severe agitation, irrational behavior, or violent conduct represent some of the most complex and high-risk encounters faced by public safety and emergency medical professionals. Optimal outcomes depend on a rehearsed, coordinated, multidisciplinary response integrating law enforcement (LE), Emergency Medical Services (EMS), Fire, and Emergency Call Centers (ECCs) — each performing clearly defined roles while maintaining continuous communication and mutual situational awareness. This talk addresses a best practice approach that can help build a system able to protect both patients and responders. Joint training, shared protocols, and proactive interagency relationship-building before incidents occur are foundational to safe and effective collaborative response.

- **把急診帶到病人身邊：「Doctor Car」院前醫師反應系統**

院外急重症照護不僅是將病人快速送往醫院，更重要的是在關鍵時間內，將適當的醫療能力帶到病人身邊。本演講將從制度面探討醫師進入院前現場的必要性，並介紹各國院前醫師反應系統之發展與差異。透過國際制度比較，進一步說明台灣目前院前緊急醫療體系的位置、限制與可借鏡之處。演講亦將分享亞東紀念醫院與新北市消防局合作建置 Doctor Car 的經驗，說明其派遣模式、團隊組成、現場處置及與急診端之銜接流程，並探討此系統在重大創傷、OHCA、院前超音波、TEE-guided CPR 及未來院前 ECPR 發展中的角色。最後，本演講將討論 Doctor Car 如何作為急診醫學前移、提升醫療可近性、強化城市緊急醫療韌性的重要平台，並展望台灣院前醫師反應系統的未來發展方向。