



Plenary lecture I

Advances in Resuscitation

時間：2025 年 6 月 27 日(五) 10:30~11:00

會議室：101 會議廳

座長：方震中醫師(臺大醫院)、顏鴻章醫師(彰濱秀傳醫院)

主講人：Eric Lavonas, MD, MS, FACEP, FACMT, FAACT, FAHA

(University of Colorado School of Medicine Denver Health)

課程簡介

After major advances shortly after 2010, survival rates and rates of good neurologic outcome following out-of-hospital cardiac arrest have improved little in the last 10 years. New technologies, approaches, and priorities are becoming available that may break through this barrier. In this talk, the speaker will review initiatives to improve rapid recognition of cardiac arrest, summon nearby rescuers, and provide rapid access to defibrillation. Emerging technologies are poised to improve cardiac output during CPR, eliminate CPR interruptions, reduce or eliminate interruptions in CPR, improve cardiac output during CPR, and optimize coronary and cerebral blood flow. After circulation is restored, neuroprotective strategies are being developed to treat secondary injury cascades and improve neurologic outcome. In this talk the speaker will review innovations in resuscitation system design that are ready for implementation today, and take a look at technologies expected in the next 5 years.



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| Name | Eric Lavonas, MD, MS, FACEP, FACMT, FAACT, FAHA |
| Organization | University of Colorado School of Medicine Denver Health |
| Title | Professor of Emergency Medicine, with Tenure Criteria |
| Current Positions | <ul style="list-style-type: none"> ● Professor of Emergency Medicine, University of Colorado ● Attending physician, Denver Health ● Attending physician, Rocky Mountain Poison and Drug Center |
| Educational and Career Experiences | <ul style="list-style-type: none"> ● Undergraduate degree (BA), Health Policy, University of Rochester ● Medical degree (MD), State University of New York Upstate Medical University ● Master's degree (MS), Clinical Research, University of Colorado ● Practicing emergency medicine physician and medical toxicologist for 30 years |