Hot Topics in Cardiac Resuscitation

3 Tracks

Emergency Medical Dispatcher
Provider
Medical Director & Leadership

The Mountain Club on Loon – Resort & Spa

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Northern New England Resuscitation Academy presents:

Hot Topics in Cardiac Resuscitation

May 30 – 31, 2019- only $25
The Mountain Club on Loon – Resort & Spa
90 Loon Mtn Road – Lincoln, NH 03251

Registration $25.00
Click HERE
https://mmcems.com
The Northern New England States of New Hampshire, Vermont and Maine are collaborating on the development of a Northern New England Resuscitation Academy. The goal of the Academy, similar to the Resuscitation Academies in Seattle/King’s County and Maryland, is to improve survival from cardiac arrest. The Northern New England Resuscitation Academy is designed to help EMS managers, directors and medical directors improve cardiac arrest survival in their communities.

**Day 1 will be dedicated to HOT TOPICS in resuscitation.**

**Speakers include:**
- Peter Kudenchuk, MD
- Sarah Lamb, NRP
- Michael Levy, MD
- Dr. Thomas Rea, MD
- Dr. Joey Scollan, DO
- Dr. Kevin Seaman, MD
- Dr. James Suozzi, DO, NRP
- Dr. Daniel Wolfson, MD

**Day 2 will be interactive with 3 workshops.**

**Workshops:**
- Emergency Medical Dispatcher
- Code Reviews – Medical Directors & EMS Leadership
- High Performance CPR for Adult & Pediatric Patients

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**Schedule**
*(Please note - times are approximate)*

**Thursday May 30, 2019**

09:00: Registration & Continental Breakfast (Provided)
09:50: Introductions
10:00: ALS Drug Management – Kudenchuk
11:00: IV versus IO Access for Resuscitation – Kudenchuk
11:30: Mechanical CPR – Rea and Levy debate
12:15: Advanced Airway Management – Levy
12:45: LUNCH (Provided)
13:30: High Performance CPR – Rea
14:00: Transport Strategies – Rea
14:30: High Performance EMD – Suozzi
15:15: Break (snacks provided)
15:30: Hospital Care – Rea, Levy & Kudenchuk
16:00: Naloxone and Cardiac Arrest – Wolfson
16:30: Pediatric High Performance CPR – Seaman & Scollan
17:15: Summary & Wrap up, Case Conclusions

**Friday May 31, 2019**

7:30 Registration & Continental Breakfast (Provided)
8:00: Keynote – Lamb
9:00 - 12:00: Workshops
  Track 1: Emergency Medical Dispatcher
  Track 2: Code Reviews – Medical Directors and EMS Leadership
  Track 3: High Performance CPR for Adult and Pediatric Patients
12:00: Snack, Summary & Wrap up; Case Conclusions
12:15: Course Evaluations
The New England Resuscitation Academy features a discussion of hot topics by regional and national experts in cardiac arrest resuscitation. Topics include:

1. **ALS Drug Management.** Randomized trials now provide insight into the risk and benefit of medication treatment during cardiac arrest including vasopressor therapy with epinephrine and antiarrhythmic treatment with amiodarone or lidocaine. Understand the strengths and limitations of this research and how the results may… or may not be relevant for your system.

2. **Intravenous (IV) versus Intraosseous (IO) Access for Resuscitation.** Several observational studies highlight the potential clinical implications of the mode of access for drug treatment including the potential role in the randomized trial results. Is there a best strategy or are all modes of access created equally.

3. **Mechanical CPR.** Mechanical CPR is gaining favor though evidence to date provides mixed results. Learn from the experts when, where, who, and how mechanical CPR can be used to benefit patient care.

4. **Advanced Airway Management.** Airway management in resuscitation can involve multiple tools and strategies. Randomized trials have advanced our understanding, but questions remain about if and how to operationalize the research findings.

5. **High-performance CPR.** CPR is the underpinning of successful resuscitation. However basic questions persist about the best strategy to deliver compressions and ventilations (30:2 versus continuous compressions with asynchronous ventilation).

6. **Transport Strategies.** Do you “scoop and run”, “stay and play” or employ a hybrid approach when it comes to field resuscitation. Observational studies help inform best practice. How does the evidence align with your system strategy?

7. **Emergency Medical Dispatching.** Emergency Medical Dispatch is a critical link in the chain of survival. This program will review the science behind successful resuscitation and how 911 and dispatch centers can strengthen this link to save more lives.

8. **Hospital care.** What are the evidence-based best practices for hospital care? What is the role of coronary intervention, targeted temperature management, and ECMO?

9. **Cardiac Arrest and Naloxone.** With the opioid epidemic in full force, many cardiac arrests are associated with opioid overdose. What role, if any, does the administration of naloxone by EMS play in resuscitation of the patient in cardiac arrest due to an opioid overdose?

10. **Pediatric High Performance** Sharing data from the Maryland CARES registry, new perspectives will be shared on cardiac causes for pediatric cardiac arrest and what strategies EMS providers can implement to maximize pediatric survival from cardiac arrest in New England.

Please come learn and discuss these and other cutting edge topics related to resuscitation. Presenters will include:

- **Dr. Peter Kudenchuk**, Cardiologist and Electrophysiologist, Principal Site Investigator of the NIH-supported Resuscitation Outcomes Consortium and the SIREN Network, Medical Director of King County Medic One paramedic group. Dr. Kudenchuk has provided leadership for a host of randomized trials investigating strategies, treatments, and technologies for out-of-hospital cardiac arrest.

- **Dr. Michael Levy**, Emergency Medicine Physician, Medical Director of Anchorage Fire Department, and incoming President of the National Association of EMS Physicians. Dr. Levy has a long-held experience as a leader in resuscitation innovation, translating new science into field best practices.

- **Dr. Thomas Rea**, EMS Medical Director for King County, WA, co-Director of the Seattle-King County Resuscitation Academy, and leadership of the HeartRescue Consortium – a collective designed to improve community-based resuscitation care. In his role as EMS Medical Director, he strives to balance the latest science with practical field implementation to increase survival.

- **Dr. Joey Scollan**, State of New Hampshire EMS Medical Director, Chair of the New Hampshire Medical Control Board, Adult and Pediatric Emergency Medicine Physician and EMS Medical Director at Elliot Hospital in Manchester, NH. She is board certified in both Emergency Medicine and Pediatrics.

- **Dr. Kevin Seaman**, Medical Director Maryland Resuscitation Academy, Member of the AHA Dispatch Telephone CPR and NHTSA CPR Improvement Project, Medical Director of Charles County Department of Emergency Services, Medical Director of Howard County Department of Fire and Rescue. Board certified in Emergency Medicine.

- **Dr. James Suozzi**, Associate Medical Director of Emergency Medicine and the EMS Medical Director at Cheshire Medical Center / Dartmouth Hitchcock – Keene, NH. He is also serves as Medical Director for New Hampshire e911 and Vermont EMS District 13 Medical Advisor. He is board certified in Emergency Medicine and Emergency Medical Services.

- **Dr. Daniel Wolfson**, Associate Professor of Surgery Division of Emergency Medicine, University of Vermont Medical Center, State of Vermont EMS Medical Director, Medical Director for the VTACH-R: The Vermont Alliance for Critical Heart Resuscitation. He is board certified in Emergency Medicine and Emergency Medical Services.

- **Sarah Lamb**, NRP - Sarah is a Paramedic and the Training Officer for Richmond Rescue in Vermont. She has served as the State CARES Coordinator for Vermont and is a lead instructor in the Vermont Resuscitation Academy.