

**Gloucester County EMS
Rowan University EMS
Clinical Education Symposium
2020 Agenda**

Saturday June 13, 2020

Log in 0700-0800
(WebEx)

Friday Morning Presentations

Cancer and First Responses

Dr. Robert Somer

Oncologist at MD Anderson Cancer Center at Cooper

Dr. Somer will provide an overview of major types of cancer and the potential complications found in patients undergoing treatment. Additionally, he will discuss risk factors specific to prehospital providers and the absolute need for screening with specific risk factors.

8:00AM - 9:00AM

1.0 NREMT Local or State Component

Transgender Individuals and EMS

Matt Streger, Esquire

Keavney & Streger, LLC

Prehospital providers are interacting with greater number of transgender individuals, both as patients and coworkers. Mr. Streger's presentation will increase our awareness of concepts and terminology related to sex and gender, along with terms to avoid. He will also discuss the risks faced by transgender population and techniques utilized to assess and treat transgender patients along with tools for interacting with transgender coworkers.

9:00AM - 10:00AM

**1.0 NREMT National Component: Operations:
At-Risk Populations**

Respiratory Failure

Dr. Gerard Carroll

Emergency Medicine Physician and Medical Director

Dr. Carroll will discuss the pathophysiology of respiratory failure, recognition of impending respiratory failure and the treatment interventions required.

10:00AM - 10:30AM

**0.5 NREMT National Component: Airway/Respiration/Ventilation:
Ventilation / Oxygenation**

Medication Assisted Treatment of Opioid Addiction

Dr. Gerard Carroll

Emergency Medicine Physician and Medical Director

Medication-assisted treatment (MAT) is the use of medications in combination with counseling and behavioral therapies, which is effective in the treatment of opioid use disorders and can help some patients to sustain recovery by breaking the cycle of addiction. Dr. Carroll will include review of the current data for the MAT program in place in the City of Camden.

10:30AM - 11:00AM

**0.5 NREMT National Component: Medical:
Toxicological Emergencies – Opioids**

eCPR and ECMO, Coming Soon to an Ambulance Near You?

Dr. Ronald Klebacher

Emergency Medicine Physician and Medical Director at
Virtua EMS

For an adult suffering from a medical cardiac arrest, the chance of a neurologically intact outcome after 20 minutes of resuscitation is essentially zero. As a result, some hospitals have begun to incorporate extracorporeal membrane oxygenation (ECMO) into cardiac arrest resuscitation, which is then known as ECPR. Dr. Klebacher will present awareness information on current practices nationally and internationally with corresponding patient outcomes. He will also take a look at the future of ECMO and mechanical CPR.

11:00AM - 12:00AM

1.0 NREMT National Component: Cardiovascular: Cardiac Arrest

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Friday Afternoon Presentations

EMS 2020

Dr. Mark Merlin

Emergency Medicine Physician and Medical
Director of MONOC

Dr. Merlin will discuss current EMS research articles and how the evidence based research outcomes will lead to improvements in our treatment of patients. He will highlight airway management and proposed changes to the Basic Life Support Scope of Practice.

12:00PM - 1:00PM

**1.0 NREMT National Component: Operations:
Evidence Based Guidelines**

Medical Director Discussion Panel

ALS/BLS Medical Directors

Throughout New Jersey

An interactive discussion between physician medical directors and Symposium attendees, offering the opportunity for street level providers to receive answers directly from learned EMS physicians. General topics will include mechanical CPR, Medication Assisted Treatment of Opioid Abuse patients, current practices of airway management, etc...

1:00PM - 2:00PM

1.0 NREMT Local or State Component

New Jersey's MD1 Program

Dr. Navin Ariyaprakai

Emergency Medicine Physician

MD1 is a 24/7 Physician Response Unit with full surgical and medical capabilities. This unique program provides fellowship trained EMS physicians, in specially equipped SUVs, responding alongside EMS crews to assist with the care of high acuity patients. Dr. Ariyaprakai will review the capabilities of MD1 and provide case review of MD1/prehospital patient calls.

2:00PM - 3:00PM

1.0 NREMT Local or State Component

Triage to BLS

Dr. Jay Stiefel

Emergency Medicine Physician and Medical
Director of Inspira EMS

Basic Life Support providers see a multitude of prehospital patients daily. Determining which patients would benefit from and Advanced Life Support assessment (and potentially from ALS interventions) is sometimes challenging. Dr. Stiefel will discuss the appropriate triage process and remind all providers (BLS and ALS) of our patients' risk factors that should be considered in the decision making process.

3:00PM - 4:00PM

1.0 NREMT Local or State Component

All attendees MUST complete a quiz for EACH session to receive CEU Credit