

# EMS Council of NJ 2016 Symposium – Course Descriptions

## Friday, October 21

9 AM– 5 PM

### **NJ Resuscitation Academy Workshop**

Colleen Donovan, MD – EMS Medical Director, Robert Wood Johnson University Hospital

Bill Wang, MD, FACEP – EMS Medical Director, Jersey City Medical Center

Anthony Cascio, MS, MICP – Director of Quality, Education and Training, Virtua EMS

Steven Cohen, MBA, NRP – Assistant Director of EMS, Jersey City Medical Center

Kevin Kurzweil, MICP – Education Supervisor, Robert Wood Johnson University Hospital

Christopher Sharpe, RN, MICP Educator, Virtua Health

This one day workshop is designed to prepare leaders in EMS to increase the survival rates of cardiac arrest victims in their communities. The program will include segments on all aspects of the EMS response including 9-1-1 call taking and pre-arrival instructions; crew resource management during the resuscitation; high performance CPR; methods to improve bystander CPR rates; data collection and analysis; quality improvement; and a hands-on practice session.

9 – 10:30 AM

### **What’s the Story...? The Lost Art of History Taking and Presenting the Patient**

Jon Politis, MPA, NRP

No matter what the medical problem, getting an accurate history is often the “crux” of the assessment process. But getting a history is an art that takes time and effort to learn. In addition, EMS providers must be able to communicate their findings to others in the health care chain in a format they can understand. This presentation focuses on obtaining a history in the field environment and techniques to effectively present the patient verbally and in writing.

### **Introduction to Car Seats: Transporting Non-Critical Pediatric Patients in Ambulances**

Jackie Stackhouse Leach

This seminar focuses on a brief overview for installation of conventional child restraints on an ambulance cot. There will also be a review of crash dynamics in regard to child restraints and CDC and EMS for C recommendations.

### **Little Warriors: Shedding Light on Rare Genetic Diseases Effecting Children**

Jennifer Burns-Nunes, NREMT-P

Overview of rare genetic diseases for EMS personnel. Even though these are considered rare genetic diseases, we are seeing more patients with these specific diseases, this course will help the EMS community to understand management of these patients. We will also go over details so EMS will not fall prey to tunnel vision. This course will also give emergency medical personal some tips on how not to get overwhelmed with these patients as well as some special accommodations these children may need.

### **2016 Medical-Legal Update**

Alfred M. Low-Beer, JD, NRP

This presentation will provide attendees with information about recent case law applicable to EMS on both the state and federal levels. It will also provide information about the impact of the case law on EMS, with a special focus on volunteer EMS. Recent statutory and regulatory changes will also be addressed.

11:00 AM– 12:30 PM

## **Rapid Respiratory Assessment**

Jon Politis, MPA, NRP

One of the most common chief complaints is respiratory distress. Assessment is key to decision making. Using photos, audio and video, this presentation covers the basics of using a stethoscope, identification of breath sounds/auscultation of the chest, use of end tidal CO2 monitoring and pulse oximetry. By the end of this session, participants will be able to identify normal and abnormal findings. Participants are asked to bring their stethoscopes and be ready to listen to each other's chests.

## **Nasal What?**

Melissa Padulsky, EMT- (I)

Using terminology is not the first thing we think of in EMS but if it is used incorrectly, it doesn't matter how well you assessed your patient or took care of them. If you cannot correctly describe what you found or the treatment you provided, the next level of care will not take you seriously. This class will discuss some of the most commonly mispronounced and misused words in the medical field. It will take a walk on the humorous side of how we sound when instead of saying you placed a nasal cannula you said you placed a nasal cannoli and other things like it.

## **Signing for EMS**

Deborah Paglianite, EMT-P

This class is organized to provide the student with the ability to care for a hearing impaired person. It will include awareness, finger spelling and signs. Bring your enthusiasm!!!

## **Creating a Strong Membership Committee**

Laurie Sheldon, MPA

Your membership committees are often the first people new members encounter. Who they are and how organized your agency is, helps sets the tone for recruiting strong members and keeping them for many years. Come join this interactive discussion that will offer suggestion for application processes, membership criteria, mentorship and new member training procedures.

*1:30 – 5:30 PM (4 hours)*

## **Understanding and Planning for School Bomb Incidents**

Jay Wenner, FF, EMT

This four-hour awareness level course provides participants with the language and tools required to effectively assess school bomb incident response plans and guide recommendations. The course identifies the factors involved in school bomb threats, critical response actions based on scenario types, the primary components of an improvised explosive device, and critical components of a school bomb-related response plan.

*1:30 – 3 PM*

## **Patient Care Where Your Ambulance Won't Go...Introduction to Wilderness EMS**

Jon Politis, MPA, NRP

Off road or backcountry EMS is a different "ball game" and requires an EMT to think differently about response, rationing of care, the method, speed and relative risks of transportation. Trying to respond to a backcountry emergency with a standard EMS response can cause major problems for the patient and rescuers. This presentation provides an overview of the response, assessment, patient care and transportation considerations for backcountry rescue. This course is essential for any EMS provider thinking about going beyond the road.

## **See One, Teach One, Do One: Finding Your EMS Mentor**

Amy Eisenhauer, EMT

Brief session description: Mentoring has long been a tradition in the medical profession, yet it is an under-utilized tool in the EMS arsenal. Many EMS providers feel stagnated and leave the field, taking their passion and skills with them to benefit another industry. This presentation will discuss the mentoring relationship and expectations of both the mentor and mentee. Benefits of having a mentor for the individual EMS provider and how to find one will also be reviewed.

### **Staying Fit and Healthy in EMS**

Melissa Padulsky, EMT-(I)

EMT's are so busy taking care of everyone else and making sure they stay healthy.

But what about us? We work long hours, eat on the go, and the only exercise we get is picking things up and putting them down. This class not only will talk about healthier alternatives to eating on the go at odd hours but also about what we can do in EMS to keep moving. There are plenty of fitness options for firefighters, 5K's, and competitions... but what about EMS? Learn how you can start your own program in-house or competing against other agencies for some good, healthy activity.

### **Preventing Theft in Your Organization**

David Denniston, AINS

There has been a large increase in theft of funds in EMS agencies over the past several years. When theft occurs, it can cripple your organization and lead to public mistrust. Often the theft goes on unnoticed for years and is committed by one of the organization's most trusted members. In this session, we will look at simple ways and tools that will deter this type of activity from happening in your organization.

*3:30 – 5 PM*

### **EMS Myth Busters..... Slaying Some Sacred Cows of EMS Care**

Jon Politis, MPA, NRP

Sometimes our training has failed us by continuing to perpetuate information that isn't entirely accurate or is downright wrong. This clinically focused session will challenge you on many things you thought you knew.... Everything from measuring airways to giving oxygen, spinal care, bleeding control and what heat stroke looks like. Built upon the facts of some evidence-based medicine, this course will "bust" some long held myths of EMS.

### **Navigating the Labyrinth: EMS Response to Hoarding Situations**

Amy Eisenhauer, EMT

Reality television has popularized hoarding disorder, but what happens before the "Got Junk" people show up? This session will discuss the hoarding disorder, its associated features, and possible co-morbid diseases. Situational awareness and provider safety is of particular concern during these responses. Extrication and packaging techniques will be addressed as well.

### **Gang Awareness for First Responders**

Timothy P. Kelly NYPD (Ret.)

This course will help the first responder recognize if he/she may be in a gang-related situation. EMS personnel must be aware of their own safety and the safety of their patient in dealing with gang members.

### **Live from your Dispatch Center – You're on the Air!**

Paula Weiler, BS in Ed, NREMT, NJ EMT (I), EMD

This course is focused on the proper use of radio communications. Topics include: what information is important to receive from your dispatcher; what additional information you should request; repetition of location and other information to ensure that the dispatcher and the crew

understand each other; and making our over-the-air transmissions HIPAA compliant.

*20:00 – 21:30 [8:00 – 9:30 PM]*

**Keynote Address: “The NJ EMS System”**

Nancy Kelly-Goodstein, M.A.S.

Acting Director Office of Emergency Services

NJ Department of Health

This session will provide an overview of the New Jersey Emergency Medical Services (EMS) system; a description of the duties of the Office of Emergency Medical Services (OEMS); discussion on current and future medical and trauma emergencies; and safety focused best practices.

**Saturday, October 22**

*8 AM – 12 PM (4 hours)*

**Homemade Explosives: Awareness**

Jay Wenner, FF, EMT

This is a 4 hour version of the New Mexico Tech course. Participants will be able to recognize and identify commercial precursors used in homemade explosives; recognize the physical characteristics of commonly found homemade explosives; recognize homemade explosive processing equipment; and understand improvised explosive devices (IEDs) and their components.

*8:00 – 9:30 AM*

**Airway Management**

Jim Doran, APN/CRNA

This course will review basic and advanced techniques in airway management. Emphasis will be placed on the practical application of the BVM, along with innovations in technique and equipment to more effectively ventilate your patient. There will be a discussion of the relevance of advanced airway techniques, such as CPAP, RSI, cric’s and ETCO<sub>2</sub>, to BLS management.

**In the Drink: Helping EMS Providers Understand Alcoholism**

Amy Eisenhower, EMT

One in 12 adults in the United States are either alcohol dependent or they abuse alcohol. Often, these are our “frequent fliers” who inspire irritation among us rather than compassion. This session will describe the disease of alcoholism, its co-morbid diseases, and typical treatments. We will also cover binge drinking and other alcohol-related presentations EMS providers might encounter. Conversation about societal and EMS perceptions of alcoholics will also be included.

**Red, Yellow, Green - The Triage Traffic Light.**

Paula Weiler, BS in Ed, NREMT, NJ EMT (I), EMD

We have been told many times that we should always use START Triage and Triage Tags at any MCI and large scale incident. But the initial EMT training doesn’t do enough to prepare us for these events. This session will review how the steps of START Triage work – when to go and when to stay a little longer, and how the NJ Disaster Triage Tag should be used.

**Autoerotic? Choking Game? Suicide? It’s Your Call**

Timothy P. Kelly, NYPD (Ret.)

Unfortunately today, some first responders arriving at a sexual-related crime scene are not aware of what they are looking at. The first responder confronting an autoerotic fatality may find a complex, bizarre, and easily misinterpreted scene of death. This seminar will cover crime scene awareness and autoerotism.

10 – 11:30 AM

### **Atlantic Air One Landing Zone Safety Program**

Air One Flight Crew

Delivered by members of the Atlantic Air One Flight Crew, this course gives an in-depth look into safe operations around the Atlantic Air One EC-135 Eurocopter. This course covers indications for patient air transport, fly-drive criteria, proper landing zone etiquette and more.

### **Investment Strategies for Non-Profits**

Mathew Hieber, VP Wells Fargo Advisors

A general discussion of current market conditions and strategies for managing a non-profit organization's investment portfolio.

### **Decision Trauma: The Smarts Start With You!**

Renay Durling-Grover, RN, MSN, CEN, TCRN

Maureen "Mo" McEntee, BA, RN, BSN, CEN, MICP

This power-packed presentation will leave you with a new and renewed appreciation of the Trauma Team. Plus, it will give you a little history of the trauma system and its impact today, along with a review of decision making in the field. Case studies will be presented, concluding with a dynamic exercise that encompasses all resources of the Trauma Team.

### **Drug Resistant Bacteria**

Mathew Butterly, EMT (I)

Drug-resistant bacteria are a growing problem in the pre-hospital setting. More so now than ever, providers are having to contend with bacterial and fungal diseases which defy conventional treatment and threaten to become persistent problems to those who are exposed. Defense against these superbugs begins with knowledge. Come learn how to protect yourself and those you love.

13:30 – 15:00 (1:30 – 3 PM)

### **Caring for the Critically Ill Child / Neonatal Resuscitation**

Siva Prasad Jonna, MD

Dr. Shakuntala N. Chandra, MBBS, MD

This session will address: Comprehension of emergency preparedness in managing a clinical epidemic to shelter-in-place for critically ill children, identifying how to manage and stabilize compromised airways of the critically ill child and identifying and managing cardiac interpretation, electrolyte imbalance, and head trauma and stabilization techniques for the compromised pediatric patient. We will discuss and identify interdisciplinary team interactions for managing and stabilizing the critically ill child. An additional topic is neonatal resuscitation: how to assess, stabilize and manage the extremely low birth weight infant.

### **Care for the Caregiver**

Jim Schatzle, BS, Paramedic

This informative and entertaining presentation covers one of the most important topics in emergency services – Care for the Caregiver. We define emergency services stress, signs and symptoms, and cover ways to deal with stress.

### **EMT Basic Programs – What Exactly is Being Taught?**

Laurie Sheldon, MPA

The current Emergency Medical Technician Programs have many new changes yet many things are unchanged. Come review the current curriculum with a state site coordinator and learn what is

being required of today's students and the rationale behind it, and what squads can do to help students be successful.

*15:30 – 17:00 (3:30 – 5 PM)*

### **Hematological and Renal Emergencies**

Matthew Butterly, EMT (I)

Chronic kidney disease affects nearly 1 million patients in the United States and that number is growing yearly. Come learn about these mysterious organ systems and how they manage to move large amount of material through - and then out of - the body quickly and efficiently. Then, we will discuss how EMTs can better serve patients who have renal disease and those who have kidney transplants.

### **How to Establish a Public Access Defibrillation Program**

Jim Schatzle, BS, Paramedic

Every 90 seconds someone in America suffers sudden cardiac arrest (SCA), involving 1,000 people a day, with ONLY 5% surviving. The best way to increase the survival rate for SCA is to implement a public access defibrillator (PAD) program in your community. This presentation outlines a program including logistics, finances, partnerships, and record keeping.

### **Security and Risk Assessments for Emergency Services Facilities**

Paul Allena, Security Consultant

Emergency Service facilities can become the target for a number of security threats. The significant financial investment that you have made in both facilities and equipment needs to be protected against potential threats. Additionally, your personnel are by far the most critical asset in your organization. This session will allow you to ensure that you have taken significant measures to protect your assets.

## **Sunday, October 23**

*9:00 – 10:30 AM*

### **Diabetes Medication Festival**

Bryan Fischberg, NRP

This session reviews the classes, indications, and mechanisms of action of the currently popular medications for chronic management of diabetes, with attention to the EMS triage and treatment of patients with acute hypoglycemia.

### **Why I need to Understand Medicare**

Brian Ruiz

A review of Medicare guidelines, this workshop will assist all EMT staff in understanding Medicare compliance regarding run sheet documentation and how it impacts reimbursement. The workshop will build the framework for managers or aspiring managers to understand reimbursement potential, in hopes of building informed financial projections.

### **Diving Accident Management for EMS**

Sandy Shaw, EMT, MS, MBA

This program provides an overall awareness and understanding for a provider to recognize diving accidents and an overview of how to respond to diving accidents. It will give the provider an understanding of treatment protocols for dive accidents which may include decompression sickness (DCS), air gas embolisms (AGE), barotraumas and marine life injuries.

*11 AM – 12:30 PM*

### **Critical Decision Making for 21<sup>st</sup> Century Leaders**

Brian Ruiz

In this interactive workshop we will introduce basic critical thinking and analysis techniques and apply them to real world, current EMS challenges faced today.

### **You Want Me to Do What?**

Paula Weiler, BS in Ed, NREMT, NJ EMT (I), EMD

Congratulations! You successfully finished your EMT course and you passed the state exam. Now you are an EMT and have more responsibilities on your crew. Uh Oh! How do I interact with my fellow crew members so we understand each other and work together to provide optimal patient care? How do I learn my job as a crew member and start to learn the job of a crew chief? How do I explain the new things I learned in EMT school to my crew members without sounding like a know-it-all? And how do we all communicate with the ALS and E.D. staff on our calls?

### **Using Social Media for Community Outreach**

Tarcisio Nunes, MS, EMT

Facebook is not the only game in town! We will discuss current social media trends and how to effectively use them to convey your squad's message out to the general public. We will teach you about tweets, posts, hashtags, Instagram, Google +, YouTube, LinkedIn, flickrs, snapchats and more! We will also be discussing how Facebook, Twitter and other social networks are impacting work and jobs at departments or agencies and what social media policies must be in place to protect the Squad and the public.

*13:30 – 15 (1:30 – 3 PM)*

### **Vertical Rescue-High Angle Operations.**

Parsippany Rescue and Recovery Unit

Use of ropes, knots and equipment and patient transfer to EMS (helicopter).