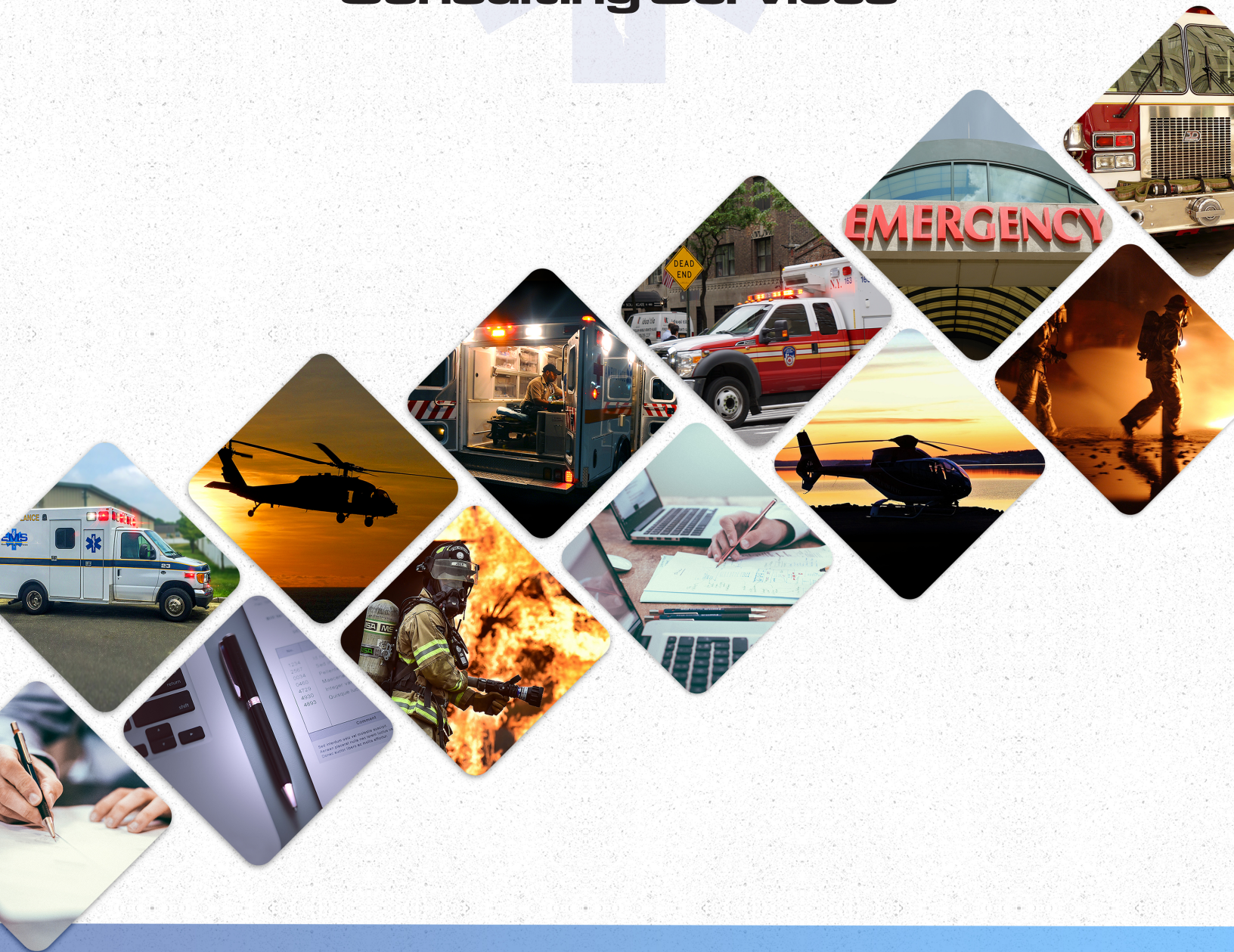


EMS

Consulting Services



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CLINICAL COURSES



Ventricular Assist Device

The use of ventricular assist devices has become more commonplace and are being used for a variety of patients and not just those awaiting transplant. This course will review common medical scenarios encountered in patients with ventricular assist devices. Assessment, equipment trouble-shooting and emergency treatment are featured. Current AHA Recommendations for CPR in cardiopulmonary arrest scenarios are also mentioned. (Lecture)



Pediatric Assessment

Pediatric patients comprise approximately ten percent of EMS responses, but many EMS providers are uncomfortable with treating acute pediatric patients for a variety of reasons. This course will review common medical and traumatic scenarios encountered with the pediatric patient of varying acuity. Pediatric Assessment Triangle and the rapid progression from compensated to decompensated shock in pediatric patients is featured. Mental health crisis and substance use and abuse by pediatric patients and special populations are also mentioned. (Lecture)



Patient Assessment

This course reviews patient assessment at the BLS level from arrival on scene, need for additional resources and MCI, mechanism of injury and nature of illness, physiological assessment, to transport decision and reassessment. (Lecture)



CPAP for BLS Providers

CPAP for BLS Providers provides an overview of the normal airway, the abnormal airway, and the etiology of emergency respiratory emergencies that may be treated with a CPAP device. Positive End Expiratory Pressure (PEEP) and its roll in CPAP therapy is discussed. The NJ BLS Protocol for CPAP is also reviewed during the course. (Lecture, Online)



Albuterol Nebulizer & Metered Dose Inhaler

This course covers the pathophysiology and signs and symptoms of asthma as well as other causes of dyspnea that may be asthma mimics. The respiratory system and assessment will be reviewed including a focus on the respiratory specific questions that should be asked during the patient interview. NJ OEMS criteria and agency protocol for the use of albuterol nebulizer and assisting with patients metered dose inhaler will be covered as well. (Lecture, Online)



Respiratory Emergencies

This course reviews airway anatomy and physiology and common respiratory illnesses for BLS providers. Airway management techniques, tools and BLS medications will be discussed as well as the necessity of high quality BLS management for improved patient care outcomes. Skill stations for airway management and oxygen administration in a variety of scenarios will reinforce lecture and discussion concepts. (Lecture)



Drowning & Spinal Injuries

This class discusses the importance of recognizing drowning victims and how EMS providers should treat those victims. Spinal injuries, from diving accidents will also be covered during class. The instructor will also review how EMS providers can operate safely at these incidents, request appropriate additional resources if needed, and be prepared for imminent resuscitation as needed. (Lecture)



Eye Injuries

This class covers common ocular conditions and illnesses that may be encountered in the field. Assessment of the patients' eyes, including more than just their pupils, will be discussed as well as, what those assessment findings mean and incorporating that information into patient care and appropriate treatment for ocular emergencies. (Lecture)



BLS Medication Review

This course reviews the medications BLS is allowed to administer and/ or assist patients with, per NJ OEMS. These include: aspirin, nitro stat, MDI, albuterol nebulizer, glucose, and naloxone. CPAP and use of PEEP is included for review as well. (Lecture, Online)



Stroke

This course reviews multiple types of stroke and illnesses or injuries that might present as stroke. A variety of stroke assessment tools will be discussed as well as a review current treatment protocols. (Lecture)



DNR/ POLST

This course will assist BLS providers in recognizing the importance of DNR and POLST standards in pre-hospital patient care. Utilization of the appropriate out of hospital forms such as the state issued DNR or POLST forms will be reviewed. Interpersonal interaction and communication with the patient and their loved ones during these incidents will also be discussed. (Lecture)



OB Complications

This course will review pregnancy and assessment of the pregnant patient. Pregnancy complications such as eclampsia, nuchal cord, gestational diabetes, bleeding, and hypotension syndrome and related treatment will be discussed. (Lecture)



Sports Injuries

This course covers injuries and traumas common to participation in sports. There will be specific focus on general pathophysiology of trauma, causes of trauma and injury sites, and Traumatic Brain Injuries. Assessment and treatment of patients with sports related injuries will be reviewed as well. (Lecture)



Cardiac Emergencies

This course reviews the cardiovascular system and epidemiology of cardiac emergencies in the United States, specifically myocardial infarction, coronary artery disease, and comorbid diseases. BLS level treatment for these emergencies and utilization of other resources for best patient outcome will be discussed. (Lecture)



Endocrine Emergencies

This class discusses a variety of endocrine emergencies to include: diabetes, thyroid disorders, and adrenal insufficiencies. Assessment and treatment of these emergencies at the BLS level will be discussed, as well as what other resources would be useful to best treat these patients. (Lecture)



Psychiatric Emergencies

Psychiatric emergencies, whether acute or chronic, are becoming increasingly common EMS responses. This class will discuss the more common psychiatric illnesses and their comorbidities as well as response to imminent life threats such as suicidality. Communication, non-escalation, and de-escalation, will be reviewed along with patient and provider safety. (Lecture)



Bleeding & Shock

This course reviews shock and its multiple etiologies for BLS providers. Evidence based treatment for shock and comorbidities will be discussed. Bleeding control techniques and tools such as tourniquets and specialty bandages will be reviewed and demonstrated. (Lecture)



Mental Health for First Responders

This session will discuss precursors and signs that could lead to suicide including the role PTSD, personal problems, and addictions play. We will also examine issues and programs that are challenging the current stigma of asking for help. (Lecture)



Party Drug Overdoses

Party drugs have become very popular in nightclub settings and EMS providers should be aware of these substances and the necessity of initiating appropriate treatment. This course will review popular substances patient might have imbibed or ingested, signs and symptoms specific to each substance, and appropriate treatment for each. Potential nefarious social situations, human trafficking, and other concerns often related to substance use and abuse will be discussed as well. (Lecture)



Winter Emergencies

Cold weather emergencies can affect victims at any time during the year. A decrease in body temperature will have the same effect whether it is mid-January or mid-July. Providers should familiarize themselves with different cold dangers, the signs and symptoms of hypothermia, and the consideration for hypothermia depending on the current environment or situation. (Lecture)



Summer Emergencies

Heat emergencies, signs, symptoms, and treatment, as well as differences between heat, humidity, heat index, and how they affect the body will be discussed in this course. A variety of heat related emergencies will be reviewed as well as the differences between different levels of thermal burns. Treatment of heat related emergencies will be highlighted. (Lecture)



Burn Management

Burn injuries range in severity from minor, localized burns to severe, life threats. This course will cover the etiology of burns, anatomy and physiology, and types of shock associated with burns. Assessment, treatment, and special needs for burn patients will be discussed as well. (Lecture)



Crush Injuries

This course reviews the occurrence and mechanism of injury from soft tissue trauma in relation to crush and compartment syndrome injuries. The instructor will discuss common assessment findings and BLS treatment for these injuries. (Lecture)



Firefighter Down CPR

This course will discuss the causes of firefighter deaths, stress, and physiological changes during firefighting activities and how that relates to resuscitation of firefighters. Special attention will be paid to removing firefighting PPE to include SCBA and turnout gear to be able to treat these patients appropriately and practical hands on skills will be practiced. (Lecture)



Firefighter Rehab

This course will review the need for rehabilitation and medical monitoring as well as the rehab process for fires and other large-scale incidents. Heat, cold, and fire related stressors will be discussed as related to distinguish the need for rest or transport and further treatment. Locations, precautions, and accountability are also included during this course. (Lecture)

OPERATIONS COURSES



Defensive Driving

This course focuses on collision prevention through hazard recognition and application of collision avoidance techniques. In addition, the course also addresses common driving violations that result in collisions, and how to change driving habits to eliminate moving violations. (Lecture)



Coaching the Emergency Vehicle Operator (CEVO)

6-hour instructor-led program adapts defensive driving techniques to the unique nature of ambulance work. The course promotes critical thinking during high-pressure driving situations and offers defensive driving strategies to avoid collisions. The course features videos with real-life driver simulations. (Lecture)



MCI Triage

This course will discuss the importance of START Triage, utilization of the triage tag, and perfecting the MIC pre-hospital assessment with the importance of initiating treatment. EMS providers will learn how to make decisions while doing the most good for the most patients with available resources. The instructor will share a variety of case studies to illustrate the concepts above. (Lecture)



Documentation Review

This class will review elements of patient interview, assessment, and treatment as related to completing an accurate chart for documentation, billing, and continuity of care. There will be a focus on techniques for narrative development that accurately describe the incident, patient presentation, and patient care as well as hand off report to other medical providers as appropriate. A review of patient consent and legal guardians will also be performed. (Lecture)



Communication

This session will address the necessity of excellent communication between EMS providers, their patients, the public, and other healthcare professionals to give the best patient care and service to community possible. Internal and external factors that may affect a patient interview, strategies for building rapport with patients, and non-verbal communication skills will also be reviewed.



EMS Culture of Safety

This course will introduce Culture of Safety in EMS to providers. Components of a Culture of Safety and its importance will be explained, as well as what agencies and individual providers can do to support safety in EMS. (Lecture)

COMPLIANCE COURSES



Bloodborne Pathogens

OSHA standards for bloodborne pathogens (BBP, 29 CFR 1910.1030) and personal protective equipment (PPE, 29 CFR 1910 Subpart I) require employers to protect workers from occupational exposure to infectious agents. This course will review bloodborne pathogens, including disease presentation and transmission prevention. We will discuss the utilization of the proper personal protective devices and decontamination protocols. Protocols for exposure will be reviewed, along the Ryan White Act. (Lecture, Online)



Hazard Communication / Right to Know

The NJ PEOSHA Hazard Communication Standard (29 CFR 1910.1200 / N.J.A.C. 12:100-7) requires employers that have employees working with hazardous chemicals receive effective information and training prior to working with such chemicals. This course will review their Department's Hazard Communication Plan. The Global Harmonized System of classification and labeling of chemicals will be discussed. Students will have to demonstrate proficiency utilizing the Emergency Response Guidebook. (Lecture, Online)



Oxygen Cascade

Oxygen cascade systems are a useful way for EMS agencies to refill their own oxygen bottles, saving money and time. This course will review the various parts of oxygen specific equipment including regulators, oxygen bottles, cascade systems and their features making them unique. All stages and safety recommendations of how to use the cascade system and troubleshooting will be covered during this course as well.



Hi Visibility Vests

EMS providers often work in environments where they may be placed in dangerous situations from roadway incidents. This class informs the EMS provider of the necessity of utilizing the appropriate PPE during roadway incidents for their safety. Dangers of operating in the roadway and basic strategies for improving safety during these incidents will also be covered. (Lecture, Online)



Ladder Safety

Addresses OSHA 29 CFR 1910.25, 1910.26, and 1910.29: this program features vital information on different types of ladders in a variety of work settings. The program is designed to ensure your workers relate to the important safety message this program delivers. In Ladder Safety, your workers will learn: ladder selection guidelines, ladder inspection and pre-setup, ladder setup, safe work practices, and care and maintenance. (Online)



HIPAA Training for EMS Field Providers

HIPAA is the Federal law that mandates how we are required to protect health information (PHI) and how it is used and maintained by EMS agencies. This class will review why privacy and patient confidentiality pertaining to HIPAA is important for EMS providers and agencies. We will discuss consequences of a privacy, confidentiality, or HIPAA violation. Provider responsibility related to compliance will also be detailed. (Lecture, Online)



Harassment

Harassment is defined as any unwelcome, unwanted, offensive verbal and/or physical contact. It can be a form of discrimination that violates Title VII of the Civil Rights Act of 1964. This course will review types of harassment. Students will learn how to recognize and report harassment and discrimination in the workplace. (Lecture, Online)



Respiratory Protection for the First Responder

Where respirators are required to protect worker health, public employers must comply with the PEOSH Respiratory Protection Standard (29 CFR 1910.134). EMS is an occupation where respirators are commonly required. This course will review airborne disease, including disease presentation and transmission prevention. We will discuss the utilization of the proper personal protective devices and decontamination protocols. Protocols for exposure will be reviewed. (Lecture, Online)

HUMAN RESOURCES

Managing employees, whether paid or volunteer, can be a time consuming endeavor. The regulations and requirements can be difficult to navigate. Allow our skilled and trained staff assist your organization in developing your human resource polices.

- Employee handbook development
- Standard operating guidelines
- Developing a progressive disciplinary process
- Workplace violence/harassment training
- Sexual harassment training

Seminars available for managers

- Human resources
- Sex, Drugs and OSHA (as seen at the NJ EMS Conference)
- Effective Elements of a Employee handbook (as seen at the NJ EMS Conference)

Operations classes:

- BBP
- Right to know
- Respiratory protection with fit testing
- Patient restraint
- Lifting/moving operations

How can we help you succeed?

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BILLING SERVICES



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