



# *Miltenberger Emergency Services Seminar*

*March 9 - 11, 2023*

*Rocky Gap Casino Resort, Flintstone, MD*

*Presented by*

*The Maryland Institute for Emergency Medical Services Systems, the Maryland Fire and Rescue Institute, the Region I Emergency Services Education Council, Garrett College, and Allegany College of Maryland*

The eighteenth Miltenberger Emergency Services Seminar will be held on March 9 - 11 at Rocky Gap Casino Resort in Flintstone, Maryland, along with an off-site course on March 9 & 10. Please join us and participate in the excellent educational opportunities this program offers, along with the chance to enjoy the relaxing atmosphere in the mountains of Western Maryland.

The Miltenberger Emergency Services Seminar is designed to meet the continuing education needs of emergency services clinicians in Western Maryland and the surrounding area. The large diversity of workshops offered at this year's seminar include EMS, Nursing, Fire, and Dispatch. A strong inter-working relationship among public safety and healthcare clinicians is the key to the successful outcome of any incident.

The program this year will feature a variety of pre-seminar workshops held Wednesday, Thursday, and Friday and ending with the all-day seminar on Saturday. Some classroom spaces are limited in size, so please register early.

The Keynote speaker for Saturday is Bob Page, an internationally known speaker, instructor, author, and paramedic. He is recognized for his energetic, humorous, and motivational style. Bob takes ordinarily dry and hard-to-teach topics and transforms them into a fun, learning experience. He holds a Master's degree in Adult Education. Bob has been an instructor for almost 4 decades teaching a variety of adult education courses from customer service to advanced medical care. He is a Certified Healthcare Simulation Educator and Operations Specialist. He has presented over 3000 seminars worldwide. He was recognized by his peers in Missouri as Missouri's "Most Creative Educator" in 2009 and was awarded the Legends That Walk Among us Award from NAEMSE in 2012.



## **Registration Information**

Pre-registration is **required** and must be received via our website, [www.miltenbergerseminar.com](http://www.miltenbergerseminar.com), or at the MIEMSS Region I Office by Feb. 27, 2023. Everyone registered by this date and attending will receive a t-shirt. Please register early to ensure yourself a place in this outstanding program. Registration confirmation notices will be mailed. If the confirmation notice has not been received by March 3, 2023, it is the responsibility of the attendee to verify that their registration has been received. Late registration will be accepted on a space-available basis.

## **Cancellations**

Cancellation notices submitted in writing to the MIEMSS Region I Office and postmarked no later than March 2, 2023, will be eligible for a full refund. If a registrant is unable to attend, another person may be substituted with a letter from the original registrant or sponsoring agency authorizing the substitution. No refunds will be issued for cancellations after March 2, 2023.

## **Fees**

All workshops on Friday at Rocky Gap Casino Resort are \$85. The registration fee for Saturday's seminar is \$105 and it covers all activities, including continental breakfast, breaks, luncheon, and printed materials. Payment may be made in the form of a check or by credit card; there is a \$30 fee for all returned checks. If your company or agency would like to be invoiced for the program, please contact the MIEMSS Region I Office at 301-895-5934 or 301-746-8636. Payment information must accompany registration. This affordable registration fee is possible due to the generous support of the UPMC Western Maryland, Garrett Regional Medical Center, R Adams Cowley Shock Trauma Center, Maryland Emergency Number Systems Board, Emergency Medical Services for Children, US Acute Care Solutions, MIEMSS, and MFRI.

## **Continuing Education Credits (Con-Ed)**

Con-Ed credits have been applied for through MIEMSS. Brochure designated Con-Ed credits reflect current information from the descriptor and title, and may change to reflect the actual course content. Conference materials will also be available to request Con-Ed from neighboring jurisdictions and other organizations.

## **Nursing Contact Hours**

Western Maryland Health System (WMHS) is approved (PW 13-03-506-1001) as a provider of continuing nursing education by the Maryland Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. WVBRN provider registration number is WV96-0009RN. The Saturday seminar provides contact hours as noted below. To receive nursing contact hours, participants are required to attend the entire session and submit the course evaluation.

## **Courses for Nursing Credits – T denotes Trauma Credits**

Friday:   Nursing / ALS Program (7 hrs) T-3.5 hrs  
          Multi-Lead Medics 12 Lead (8 hrs)  
          Stop the Bleed Instructor (7 hrs) T

Saturday: Should We Be Giving Narcan to Everyone (1hr)  
          Bleeding Kills (1.25 hrs) T  
          Tracheostomy Care (1.25 hrs)  
          When's the Last Time We Gave That (1.25 hrs)  
          Helping the Helpers (1.25 hrs)  
          Conquering the Critical Airway (1.25 hrs)  
          Playing with Fire – Children and Fireworks (1.25 hrs) T  
          Global Health (1.25 hrs)  
          Advanced Trauma Assessment (3 hrs) T  
          Clearing the Air (1.25 hrs)  
          Hyperbaric Oxygen Therapy (1.25 hrs)  
          In Plain Sight (1.25 hrs)  
          Transfer and Transport of the Burn Patient (1.25 hrs) T



### **Hotel Accommodations**

A **limited** number of rooms have been reserved at Rocky Gap Casino Resort at special discounted rates for Miltenberger Emergency Services Seminar participants. These special prices can be guaranteed **ONLY** until Friday, February 9, 2023. After this date, the availability of discounted rooms cannot be guaranteed. The room rates are \$119 per night plus tax and fees. All room rates are subject to state and county taxes plus a \$25 resort fee. If you are tax-exempt for rooms, let them know upfront when you call. **To obtain these discounted rates, please use the Miltenberger code for rooms which is DRW0323.** Please reserve your room early by calling Rocky Gap Resort at **301-784-8400** or **1-800-724-0828**.



### **Directions to Rocky Gap Casino Resort**

**Take I-68 West** to Rocky Gap State Park, Exit 50. Make a right off the exit. The resort is visible from the road.

**Take I-68 East** to Rocky Gap State Park, Exit 50. Make a left at the stop sign and cross over the bridge. The resort is visible from the road.

### **Directions to Winter's Towing Garage Warehouse, located at Upper Potomac Industrial Park Street, Cumberland, MD**

**Take I-68 West** to Exit 42, S. Greene Street, turn left onto US 220-S. Greene Street toward McCoolle/Keyser, WV. Continue 0.9 miles, turn left onto Upper Potomac Industrial Park Street, take the first left after crossing the bridge, you will see the garage/warehouse in front of you.

### **Directions to Allegany College of Maryland (ACM), located at 12401 Willowbrook Road, Cumberland, MD**

**Take I-68 West** to Exit 44 Willowbrook Road, turn left onto Willowbrook Road. Continue 1 mile, turn left into the ACM campus. Continuing Education is the first building on the right with parking behind.

### **Special Accommodations**

If you require special accommodations, please provide information about your requirements when you register.

### **Additional Information**

You may wish to bring a sweater for your comfort. For additional information, please contact the MIEMSS Region I Office at 301-895-5934 or 301-746-8636. You may also want to visit Rocky Gap's website at [www.rockygapresort.com](http://www.rockygapresort.com) to check out the resort and other activities available during your stay.

### **Schedule Changes and Right to Cancel**

Every effort has been made to ensure accurate information in this brochure. However, due to unforeseen circumstances, it may become necessary to make changes to the schedule. *The Miltenberger Emergency Services Seminar Planning Committee reserves the right to cancel or make changes in course offerings, presenters, and session times without prior notice to attendees.*



## ***Pre-Conference Program at Allegany College of Maryland Continuing Education Building***

***March 9 - 10, 2023***

### **Emergency Medical Technician Skills (Thurs. 6 PM – 10 PM & Fri. 8 AM – 5 PM)**

*Presented by University of Maryland MICRB Certified EMS Instructors*

This session will provide students with the knowledge, skills, and abilities to satisfy the 12-hour psychomotor requirements for Maryland EMT recertification. The student will perform skills related to patient assessment, oxygen adjuncts and delivery, CPR, AED, bleeding control and management of soft tissue injuries, musculoskeletal injuries, and spinal immobilization.

Students must attend required classroom sessions on Thursday evening and Friday, be able to demonstrate proficiency in the practical skills evolutions and obtain a score of 70% or better on the MIEMSS protocol quiz.

*(12 Hrs BLS: S) Lunch will be provided on Friday.*

## ***Pre-Conference Programs at Rocky Gap Casino Resort***

***March 10, 2023***

### **7:00 AM: Registration & Continental Breakfast**

### **PEPP Hybrid Course: BLS & ALS (Fri., 8 AM – 5 PM)**

*Presenters: EMS for Children Faculty*

The PEPP-4 Hybrid Course is designed by the American Academy of Pediatrics specifically for both ALS & BLS clinicians with a focus on the assessment and management of ill or injured children. Maryland EMS for Children has added additional scenarios and special equipment to correlate with EMS Scope of Practice in Maryland.

PEPP-4 hybrid ONLINE portion features all-new lecture material and new modules on Behavioral Emergencies, Children in Disasters, and Pediatric Toxicology. PEPP “In-Person” day is 100% interactive with skills, case scenarios, role-play activities, and small group discussions. The skill videos are all new and available online for reference for 2 years to all participants.

Required – Online learning must be completed prior to attending the course.

Textbook will be mailed with an online access code to the address provided upon receipt of registration.

- BLS Participants must complete 10.25 hours of online learning prior to attending the one-day onsite portion.
- ALS Participants must complete 11.75 hours of online learning prior to attending the one-day onsite portion.

Participants will receive an AAP course completion card by participating in both the online and on-site portions of the course and successfully completing a written test.

CEs: BLS Clinicians will receive 15 hours, ALS Clinicians will receive 18.75 hours upon completion of both online and attending the in person day.

The course is limited to 24 students.

*(15 Hrs BLS: 8 Hrs M & 7 Hrs T, ALS: Applied For) Lunch will be provided.*

### **Multi-Lead Medics 12 Lead ECG Interpretation Workshop (Fri., 8:00 AM – 5 PM)**

*Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, Virginia Office of EMS*

For over 30 years, Bob has been delivering this course to Emergency and Critical Care providers worldwide. If anyone told you that you could take a 12-lead class and have fun, would you believe them? Presented by Bob Page, author of the book [12 Lead ECG for Acute and Critical Care Providers](#), this 8-hour, highly motivating, non-stop interactive course on 12-Lead ECG is comprehensive including proper lead placement, axis, and hemiblock determination, bundle branch blocks, differentiating wide complex tachycardia and myocardial infarction recognition. Also included is the use of a 15-lead ECG for increased sensitivity for STEMI. Participants in the program will read approximately 200 12-lead ECGs, gaining both experience and confidence in their newly learned skill.

*(8 Hrs BLS: M, ALS: Applied For) Lunch will be provided*

## **Nursing / ALS Program (4 Sessions, Fri. 8:30 AM – 4:30 PM) Lunch will be provided.**

- **Follow the Bubbles: Airway Management in the Trauma Patient**

*Presenter: Dr. Rameen Shafiei, DO FACEP, Allegany County EMS Medical Director*

Airway management in a trauma patient comes with many special considerations and complications to consider. This session will provide an overview of the typical pitfalls encountered during airway stabilization and intubation of a trauma patient, and ways to better help you and your patient take a deep breath and move on with the rest of the primary survey.

- **An Introduction to Antimicrobial Stewardship**

*Presenter: Rameet Thapa, MD, Director of Infectious Disease and Antimicrobial Stewardship Program at UPMC Western MD*

While antibiotics are commonly prescribed medications and can save lives, the data shows that up to 50% of the antibiotics prescribed in hospitals are either unnecessary or inappropriate. This has led to the development of multi-drug resistant bacteria and antimicrobial resistance has been recognized as a global threat to public health. Learn about antimicrobial stewardship and the common clinical conditions where antibiotics are inappropriately prescribed as well as the consequences of antibiotic overuse such as C. diff diarrhea.

- **Pediatric Respirations: More than a Vital Sign and Frequently Noisy**

*Presenter: Gail Schoolden, DNP, APRN-CNS, CPEN, Maryland ENA 2023 Pediatric Chair*

Respiratory emergencies are one of the most common reasons parents seek emergency medical attention for their children. Some are new and acute illnesses needing rapid triage, stabilization, and treatment, and then they turn around and can go home. Others require longer treatments and changes in home routines. Children and families are also present when home treatment plans for chronic respiratory illness are not working. Dr. Gail Schoolden will review the most common types of pediatric respiratory emergencies, initial assessment findings, appropriate medical interventions, and care planning. Learn tips and tricks that work with children of different ages as well as red flags to watch for.

- **ALS/Nursing Keynote: Blunt Trauma - Patterns of Injury**

*Presenter: Andrew B. Peitzman, MD, Mark M. Ravitch Professor of Surgery, University of Pittsburgh School of Medicine*

Trauma is the leading cause of death in patients under 45, many of these injuries are due to blunt force trauma from vehicle crashes to pedestrian accidents. This lecture will emphasize the relationship between blunt injury patterns and associated injuries. This knowledge is essential in efficient trauma team assessment and detection of associated injuries.

*(BLS: 3.5 Hrs M, 3.5 Hrs T, ALS: Applied For)*

## **Stop the Bleed Clinician – Instructor Course (Fri., 8:30 AM – 4:30 PM)**

*Presenters: Jeff Hobbs, BSN, RN, UPMC Western Maryland Trauma Program Manager; Michael Salvadge, NRP, EMS Chief, Allegany County Department of Emergency Services; Wayne B. Tiemersma, NRP, EMS Chief, Garrett County Emergency Services; Elizabeth Wooster, RN, PhD, MIEMSS Director of Trauma and Injury Specialty Care Program*

Our nation has a history of learning hard lessons from wartime experiences; the case for hemorrhage control is no different. The Hartford Consensus directs that all responders have the education and necessary equipment for hemorrhage control and strongly endorses civilian bystanders to act as immediate responders. Immediate responders represent a foundational element of the ability of the U.S. to respond to these events and are a critical component of our ability to build national resilience. Immediate responders must be empowered to act, intervene, and assist.

We are a nation of people who respond to others in need. It is no longer sufficient to “see something, say something.”

Immediate responders must now “see something, do something.”

This course teaches participants basic life-saving medical interventions, including bleeding control with a tourniquet, bleeding control with gauze packs or topical hemostatic agents, and opening an airway to allow a casualty to breathe. The course is intended for Anyone and Everyone who may one day find themselves in a “see something, do something” situation. Course materials include a PowerPoint presentation and three practical skill stations.

This course will continue during the second half as an STB instructor course for those participants that qualify to become instructors as outlined by the American College of Surgeon-Committee on Trauma. Students will be mentored both in lecture content and style, communication skills for the general public along with practical skill station instruction.

*(5 Hrs BLS: T, ALS: Applied For) Lunch will be provided.*

## **Dispatch: Expecting the Unexpected (Fri., 8 AM – 5 PM)**

*Presenters: Doug and Jill Showalter, Showalter & Company, Inc.*

This course offers critical and essential information along with specific guidance and direction on emergency calls ranging from sinking vehicles, home invasions, school shootings, officer-involved shootings, and homeland security issues. All employees will benefit from this course which uses more than four decades of real public safety experience to offer realistic, practical, and useful techniques for responding to and handling a variety of unexpected emergency incidents. (Learning category: supervision, all personnel)

*(8 Hrs BLS: L, ALS: Applied For) Lunch will be provided.*



## Saturday's Seminar on March 11, 2023

A schedule of the day's program is presented below. There are five categories of training for you to choose from during the day. They are listed below and color-coded for your convenience.

**Nursing**

**ALS**

**EMS**

**Dispatch**

**Fire**

**6:45 AM: Registration and Continental Breakfast**

**8:00 AM: Welcome / State of the State**

**8:30 AM: Keynote Address – Should We Really Be Giving Narcan to Everyone?**

**Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, Virginia Office of EMS**

It is in the news, Opioid Epidemic! Drug overdose deaths are up nationwide. Narcan has been hailed as a lifesaving drug! Everybody can give it, EMS, firefighters, the Police, and the lay public even. Everybody is caught up in the hoopla! But what are the costs? Besides the actual cost of the drug Narcan, what are the other costs? What are the risks to the patient who gets Narcan and EMS and others that give the drug as an antidote? Toxicologists have for years warned about giving antidotes without knowing what the patient took. Is there an alternative? Come to this session and hear what no one else is telling you, and take a look at the other side of the discussion that goes against most systems protocol. EMS providers have been following their protocols and some have even suggested that Narcan can “rule out” a narcotic overdose? We will look at the effects of narcotics on the body and what the real problem is. Solid patient assessment techniques could point the provider to a management plan.

*(1 Hr BLS: M, ALS: Applied For)*

**9:30 AM: Break and Visit Vendors**

**9:45 AM: Breakout Session 1**

**(A) Bleeding Kills: Working Towards Zero Preventable Deaths**

**Presenter: Andrew B. Peitzman, MD, Mark M. Ravitch Professor of Surgery, Univ. of Pittsburgh School of Medicine**

Bleeding is the most common preventable cause of death after injury. Nationally, 30-40% of traumatic deaths annually are due to significant hemorrhage. This lecture will provide an understanding of the mechanisms and natural history of major bleeding. A system-wide approach to bleeding control will be discussed.

*(1.5 Hrs BLS: T, ALS: Applied For)*

**(B) When's the Last Time We Gave That? – Infrequently Used Drugs and Drug Concentrations**

**Presenter: Rick Koch, Sr., NRP, Battalion Chief, Ocean City Fire Department**

When you get the orders for the drugs you haven't seen since pharmacology class what do you do? During this session we will review infrequently used drugs, cover the different ways these drugs are packaged, and how to get the proper dosage for your patient. Attendees will brush up on their drug calculations, concentrations, and the mixing of these elusive medications.

*(1.5 Hrs BLS: M, ALS: Applied For)*

**(C) Tracheostomy Care: Not Just for ALS**

**Presenter: Sterling Myers, NRP & Maryland Pediatric EMS Champions**

Caring for a patient with a tracheostomy tube does not need to be a nerve-racking experience. Tubes go in, tubes come out – the key is effective air exchange. Through discussion and hands-on practice with manikins, BLS and ALS professionals will gain the confidence and skills needed to handle the call for an infant, a child, or an adult needing assistance.

*(1.5 Hrs BLS: M, ALS: Applied For)*

**(D) From the Recent Literature.....**

**Presenter: Ted Delbridge, MD, MPH, MIEMSS Executive Director**

Dr. Delbridge will deliver an overview of relevant findings from recent educational articles. With an outcomes-based perspective, he will explore the written material's who, what, where, when, why, and how in hopes of enlightening participants on some of the contemporary issues facing EMS.

*(1.5 Hrs BLS: M, ALS: Applied For)*

### **(E) Doing Time in Dispatch**

**Presenters: Doug and Jill Showalter, Showalter & Company, Inc.**

This is our unique approach to a traditional “Customer Service” course. The concept of customer service starts long before the first call is answered, it starts with a clearly defined mission so each employee can understand their role. We will demonstrate easy, unique, and practical ways to keep your staff motivated, ready & fully engaged. Appreciation is one of the most powerful yet overlooked aspects of successfully motivating and empowering people. The link between employee satisfaction and productivity is long-established and encourages employees to do their best and perform at the highest of standards. Remember, you’re not just “Doing Time”, you’re making a difference.

*(8 Hrs BLS: L, ALS: Applied For)*

### **(F) Fire Class – Advanced Vehicle Rescue; Held at Winter’s Towing, Upper Potomac Industrial Park St., Cumberland Maryland**

**Instructors: Lt. Ronnie Carr, Special Operations, Anne Arundel County Fire; Lt. Derek Crippen, Special Operations, Prince George’s County Fire/EMS**

In this action-packed full-day course, participants will advance through different accident scenes rescuing victims from a variety of different vehicles in a variety of different positions. This will be a fantastic refresher on stabilizing, moving, lifting, and cutting vehicles as instructors put you through extrication practical scenarios. Participants must be physically able to participate in this training including the adherence to or exceeding the MFRI physical policy. **Students must bring a fitted, full set of turnout gear and have permission from their home fire/rescue department to participate in this training on their behalf.**

*(6 Hrs BLS: L, ALS: Applied For)*

## **11:15 AM: Breakout Session 2**

### **(G) Helping the Helpers: CISM-ASAP**

**Presenter: Zane A. Leydig, LCSW, CCISM**

A brief overview of the peer, frontline support program CISM-ASAP recently launched at UPMC Western Maryland. Built around the concepts of Critical Incident Stress Management, the program looks to provide support and guidance to frontline workers as they navigate the often stressful and sometimes traumatic world of healthcare in an effort to prevent the second-victim phenomenon.

*(1.5 Hrs BLS: L, ALS: Applied For)*

### **(H) Conquering the Critical Airway**

**Presenter: Timothy P. Chizmar, MD, FACEP, FAEMS, State EMS Medical Director, MIEMSS**

Dr. Chizmar will discuss ways to refine your approach to airway management. With a systematic approach and knowledge of various adjuncts and technology, you will emerge feeling inspired to “conquer” your next critical or compromised airway. Participants will be able to rapidly identify compromised airway patients, develop plans to effectively manage a patient’s airway, recognize the importance of a systematic approach to airway management, and utilize various devices, adjuncts, and technology in EMS airway management.

*(1.5 Hrs BLS: M, ALS: Applied For)*

### **(I) Playing with Fire – Children and Fireworks Injuries**

**Presenter: Cindy Colson, MSN, RN, Injury Prevention and Education Outreach Coordinator, Children’s National Medical Center**

Summertime celebrations, especially July 4th, include food, fireworks, and fun. But, did you know that teens and tweens are 2x more likely to be injured by fireworks than the general population and that sparklers account for 30% of injuries amongst children? Through case presentations, this session will differentiate the types of burns seen in children and youth as well as the blast injuries also associated with fireworks.

*(1.5 Hrs BLS: T, ALS: Applied For)*

### **(J) Global Health - A View of Emergency Medicine**

**Presenter: Janelle M. Martin, MD, FACEP, Medical Director for LifeNet 8-1, WellFlight 2-8, Washington County EMS, MIEMSS Region I and GC Paramedic Program**

This session will focus on the practice of Emergency Medicine internationally, including natural disaster response, conflict zone field hospitals, and epidemic medicine. Dr. Martin will review the challenges faced when serving in low-resource areas. She will present case reviews focusing on common situations encountered in disaster and epidemic medicine including during the current war in Ukraine.

*(1.5 Hrs BLS: M, ALS: Applied For)*

## **12:30 PM - 1:30 PM: Lunch and Visit Vendors**

### 1:45 PM: Breakout Session 3

#### **(K) Advanced Trauma Assessment**

**Presenter: Jason Layman, MSN, CRNP, ENP-C, FNP-C, Lead Advanced Practice Provider USACS, UPMC Western Maryland ED**

This course will provide you with the fundamental knowledge to systematically assess a critically injured trauma patient. You will be able to understand and demonstrate key assessment principles specific to the trauma patient and recognize life-threatening abnormal findings.

(3 Hrs BLS: T, ALS: Applied For)

#### **(L) Clearing the Air: Capnography in Cardiac Arrest**

**Presenter: Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, VA Office of EMS**

Capnography is mentioned in patient care protocols, standardized course algorithms, and policy and procedure manuals nationwide. USE WAVEFORM Capnography to confirm tube placement; Use Capnography for determining the adequacy of CPR or Use Capnography as a determining factor of ROSC. But very few if any actually describe how that is done. Without explanation or an understanding of it, many are left to figure it out themselves or rely on blogs and here say. Join Bob as he breaks it all down on how to actually use Capnography in cardiac arrest.

(1.5 Hrs BLS: M, ALS: Applied For)

#### **(M) Hyperbaric Oxygen Therapy Basics and Emergency Care**

**Presenter: Gregory A. Fulmer, BTPS, RRT, CHT, R Adams Cowley Shock Trauma Center**

This presentation discusses the basics of hyperbaric oxygen therapy (HBOT). There are a number of emergency conditions a patient may face for a medical clinician would suggest HBOT. This session will draw attention to the emergency needs of those likely to need Hyperbaric Oxygen Therapy.

(1.5 Hrs BLS: M, ALS: Applied For)

#### **(N) Soft, Slow, Steady, and Simple, Assessing the Autistic Patient**

**Presenter: Dwayne Kitis, BS, CRT-I, MFRI Instructor, MIEMSS C4 Manager**

This session will present an overview of Garrett, and his life with Autism. We will discuss how children and adults with Autism Spectrum Disorder (ASD) receive, translate, and respond to different types of external stimulation. Participants will be shown ways to assess autistic individuals, including how to gather identifiable health and other pertinent information. Students will interact with Garrett in an attempt to assess the patient's health utilizing techniques learned in this session.

(1.5 Hrs BLS: L, ALS: Applied For)

### 3:00 PM: Break and Visit Vendors

### 3:15 PM: Breakout Session 4

#### **(O) In Plain Sight: Identifying the Occlusive Myocardial Infarction (OMI) on the ECG**

**Presenter: Charity Rinker, NRP, MICRB, MFRI Instructor, Lt. Frederick County Fire & Rescue Services (Retired)**

STEMI has been the longstanding paradigm of identifying myocardial infarction in patient care. Research has shown that nearly 40% of patients with coronary occlusions do not present with ST-segment elevation. As clinicians, we must revert to our clinical knowledge and training to identify and treat these patients. Not only is it paramount that a STEMI is identified early and appropriate notifications made to the receiving facility, but we must consider transmitting and notifying the receiving facility of all ECGs that reveal OMI findings. Current cardiac monitors, both pre-hospital and in-hospital, are not equipped with internal algorithms to identify findings indicative of an OMI. Many patients requiring emergent cardiac catheterization are delayed because “\*\*\*MEETS ST ELEVATION MI CRITERIA\*\*\*” is not part of the ECG interpretation. This course will review the anatomy of cardiac infarction, symptoms associated with coronary artery occlusions, and the NSTEMI ECG findings in OMI patients.

(1.5 Hrs BLS: M, ALS: Applied For)

#### **(P) Considerations for the Transfer and Transportation of the Burn Patient: A Review of Current Guidelines and Case Studies**

**Presenter: Emily H. Werthman, MSN, RN, Burn Program Manager, JHH Bayview Medical Center**

During this lecture, participants will learn about the transfer and transportation of burn patients in the state of Maryland, with special attention paid to MIEMSS and ABA requirements. Case studies from the Johns Hopkins Burn Center will also be presented to enhance learning. At the completion of this lecture, participants will be able to state three referral criteria for the transfer of burn patients. Participants will also be able to discuss methods to prevent hypothermia and fluid overload.

(1.5 Hrs BLS: T, ALS: Applied For)

#### **(Q) Unmanned Aerial Systems (UAS) Operations for Public Safety**

**Presenters: Cpl. Lantz, Cpl. Peterson, F/Sgt. Thomas, Maryland State Police**

Drone programs for public safety have increased exponentially throughout the country. This session will show how agencies, including the Maryland State Police, utilize Unmanned Aerial Systems for public safety to aid in intelligence-gathering missions, planning, and risk mitigation.

(1.5 Hrs BLS: L ALS: Applied For)

4:30 PM: Seminar Ends

# MILTENBERGER EMERGENCY SERVICES SEMINAR - REGISTRATION FORM

(Please duplicate form and use for additional registrants)

LAST NAME: \_\_\_\_\_ FIRST NAME: \_\_\_\_\_ MI: \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

COUNTY OF RESIDENCE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

PHONE #: \_\_\_\_\_ OTHER PHONE #: \_\_\_\_\_

DATE OF BIRTH: \_\_\_\_\_ CLINICIAN ID: \_\_\_\_\_

PRIMARY AFFILIATION: \_\_\_\_\_

CERTIFICATION/ LICENSURE (Circle all that apply) FF EMD EMR EMT CRT PARAMEDIC LPN RN NP PA MD

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

(I certify that the information on this form is correct.)

## PRE-CONFERENCE WORKSHOPS

Place check next to the class you wish to attend

### THURS / FRI 2-DAY CLASSES

\_\_\_\_ Emergency Medical Technician Skills – (\$60)

### FRIDAY CLASSES

\_\_\_\_ PEPP Hybrid Course – (\$85)

\_\_\_\_ ALS/Nursing Program – (\$85)

\_\_\_\_ 12 Lead – (\$85)

\_\_\_\_ Stop the Bleed Clinician-Instructor Course – (\$85)

\_\_\_\_ Dispatch – (\$85)

## \_\_\_\_ SATURDAY SEMINAR (\$105) *Please circle your choice below for each Breakout Session*

Session 1:	A	B	C	D	E	F
Session 2:	G	H	I	J	E Continued	F Continued
Session 3:	K	L	M	N	E Continued	F Continued
Session 4:	K Continued	O	P	Q	E Continued	F Continued

If you choose Workshop E or F, **do not** choose any other classes for the day.

Workshop K is a 2-session class, **do not** choose another for Session 4.

**Workshop F - Fire class is being held at Winter's Towing, Upper Potomac Industrial Park Street, Cumberland, MD. The cost for attendees is \$75.**

❖ PLEASE INDICATE YOUR T-SHIRT SIZE: S M L XL XXL XXXL

**VISIT OUR WEBSITE – MILTENBERGERSEMINAR.COM – TO REGISTER AND PAY**

*Or*

**Mail Registration Form and Payment to: MIEMSS Region I Office, P.O. Box 113, Frostburg, MD 21532**

***Make Check or Money Order Payable to  
\*\* Region I Emergency Services Education Council\*\****

***PRE-REGISTRATION IS REQUIRED AND MUST BE RECEIVED VIA THE WEBSITE  
(WWW.MILTENBERGERSEMINAR.COM) OR IN THE MIEMSS REGION I OFFICE BY  
FEBRUARY 27, 2023. (ALL THOSE REGISTERED BY THIS DATE AND ATTENDING WILL RECEIVE A T-SHIRT.)***