

Maryland EMS News

For All Emergency Medical Clinicians

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June 2021

Maryland Medical Protocols for EMS - 2021 Release

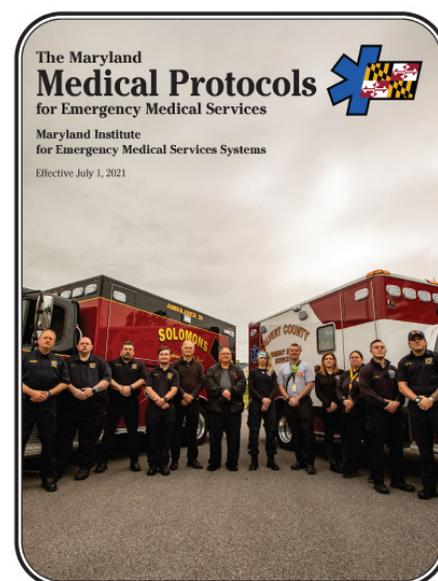
THE MARYLAND MEDICAL PROTOCOLS FOR EMERGENCY MEDICAL SERVICES (2021 edition) is now available on the MIEMSS website. The protocols go into effect on July 1, 2021.

The EMS treatment protocols have been redesigned for 2021 to make them clearer and more succinct, as well as evidence-based. Please take a moment to familiarize yourself with the new quick-reference format. If you are using the electronic version of the protocol document, which is available on the MIEMSS website (<https://bit.ly/3dg3laN>), you may click on any italicized word to go to

the relevant page for medications and related protocols. Of note, there is also a “Back to Contents” link located at the bottom of each page. Printed copies in both spiral and full-sized, three-hole punched versions are available from MIEMSS Licensure and Certification. One copy of the Pocket Protocol will be available to each EMS clinician.

In addition, this year’s protocol updates have been posted to the MIEMSS Online Training Center. EMS clinicians should complete the protocol update version that aligns

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National Registry Waives Distributive Education Limits for NCCP Model 2022 Recertification Season

THE NATIONAL REGISTRY'S BOARD OF DIRECTORS is waiving the Distributive Education (DE) limits in the National Continued Competency Program (NCCP) Model for the 2022 recertification season to ensure EMS clinicians can maintain their national certification while assuring continued competency.

All EMTs and Paramedics who are due to recertify on March 31, 2022, will have no limits on Distribu-



tive Education. The same will apply to EMRs due to recertify on September 30, 2022. This allows all continuing education to be accomplished online through any state-accepted or Commission on Accreditation for Pre-Hos-

pital Continuing Education (CAPCE) accredited program or education site. In-person continuing education will also be accepted. For specific information, please go to:

- **EMR:**
nremt.org/EMR/Recertification
- **EMT:**
nremt.org/EMT/Recertification
- **NRP:**
nremt.org/paramedic/recertification ■

MIEMSS Partners with MDOT MPA to Conduct Vaccination Clinic



▲ MIEMSS staff operates a Mobile Vaccination Clinic in conjunction with the Maryland Department of Transportation Maryland Port Authority (MDOT MPA). Staff delivered the single-dose Johnson & Johnson vaccine to visiting ships' crews.

THE MARYLAND DEPARTMENT OF TRANSPORTATION MARYLAND PORT ADMINISTRATION (MDOT MPA) and MIEMSS recently partnered to conduct a vaccination clinic located close to the Helen Delich Bentley Port of Baltimore, offering the single-dose Johnson & Johnson COVID-19 vaccine to ships' crews calling on the port. As Maryland continues to make progress administering the COVID-19

vaccine, this clinic provided a great opportunity for visiting crew members to take advantage of an easy way to get vaccinated.

The vaccine was made available to any ship's crew member visiting any of the state-owned, public marine terminals or privately-owned marine terminals within the Port of Baltimore. The clinic was staffed by MIEMSS employees.

"The single best way to be protected

from COVID-19 is to get vaccinated," said Dr. Ted Delbridge, MIEMSS Executive Director. "We are motivated to reach as many communities and people as possible. With this effort, we hope to improve accessibility to our maritime community, which has been hard at work throughout the pandemic."

Crew members wanting to receive a vaccine had to provide official identification and were required to read and sign registration forms prior to being vaccinated. Upon administration of the vaccine, crew members were required to remain at the clinic for an observation period. Each crew member received proof of vaccination prior to exiting the clinic.

The health and safety of Maryland's workforce is paramount, and through this effort the Port has maintained CDC-recommended health and safety measures to ensure the safety of its labor force, tenants, and partners. ■

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EMS Fallen to be Honored During National EMS Weekend of Honor

THE NATIONAL EMS MEMORIAL SERVICE, the National EMS Memorial Foundation, and the National EMS Memorial Bike Ride will pay tribute to 144 EMS and air medical fallen from 39 states across the U.S. during the 2021 National EMS Weekend of Honor July 23-25, 2021, at the Hyatt Regency Crystal City at Reagan National Airport, 2799 Richmond Highway, in Arlington, Va.

The increased number of honorees being recognized this year is due to last year's cancellation combined with ongoing research and vetting efforts dedicated to locating yet-to-be-honored EMS fallen from the past. This year's lists include the 2019 and 2020 honorees plus 72 past EMS fallen dating back as far as 1895 that were researched and vetted for inclusion thanks to the efforts of many volunteers.

There will be a variety of activities during the three days, two of which are open to the public. On the afternoon of Friday, July 23, the arrival of the Moving Honor ambulance escorted by the National EMS Memorial Bike Ride's Ride of Honor, unveiling ceremony of the EMS Tree of Life, and presentation of dog tags to the families will occur. The following evening, July 24, the National EMS Memorial Service, a formal ceremony to honor fallen EMS and air medical professionals, will be held. Both events will be located at the Hyatt Regency Crystal City. Therapy and comfort dogs as well as grief support teams from a variety of volunteer groups will be onsite throughout the weekend to offer support to the families and EMS volunteers. The Service will be livestreamed.

Detailed information, including a



link to the livestream of the Service, will be posted to the National EMS Memorial Service website and Facebook page once finalized.

The National EMS Weekend of Honor usually coincides with the beginning of National EMS Week in May, but it was rescheduled this year due to the pandemic to maintain the health and safety of all involved.

The Weekend of Honor is organized and hosted by the following volunteer-staffed organizations: National EMS Memorial Bike Ride, National EMS Memorial Service, and the National EMS Memorial Foundation. See <http://www.national-ems-memorial.org/> or <https://www.facebook.com/NEMSMS> for more information on the specific event times and locations as they become available. ■

2021 MSFA 129th Annual Convention and Conference

MIEMSS WOULD LIKE TO CONGRATULATE the Maryland State Firemen's Association (MSFA) on its 2021 Annual Convention and Conference. This year's Convention was again held virtually due to the ongoing COVID-19 situation, with certain portions of it held live.

Excellent educational programs covering many fire, rescue, and EMS topics were delivered both live and virtual during the Conference. These included a presentation from MIEMSS Executive Director Dr. Ted Delbridge, "Maryland EMS in a Pandemic Vortex," one from State EMS Medical Director Dr. Tim Chizmar, "When Minutes Count; EMS Treatment of

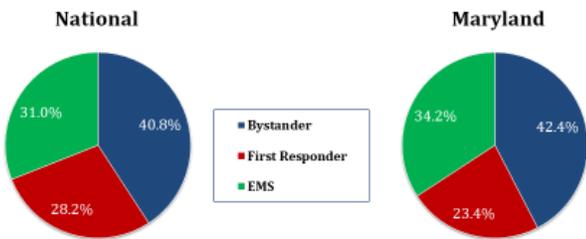
Severe Allergic Reaction," and five presentations from the Maryland EMSC Program.

MIEMSS would like to congratulate the following MSFA Officers that were elected this year: President Joel C. McCrea, from the Long Green VFD in Baltimore County, First Vice President Benjamin W. "Ben" Kurtz, from the Jarrettsville VFC in Harford County, and Second Vice President Eric Smothers, from the Brunswick Ambulance Company in Frederick County. MIEMSS looks forward to working with the newly elected officers of both the MSFA and the LAMSFA over the next year. ■



IN MARYLAND, there were 7,850 total non-traumatic sudden out-of-hospital cardiac arrests submitted to the CARES registry for Calendar Year 2020. National reports are now available on the CARES website: <https://mycares.net>. ■

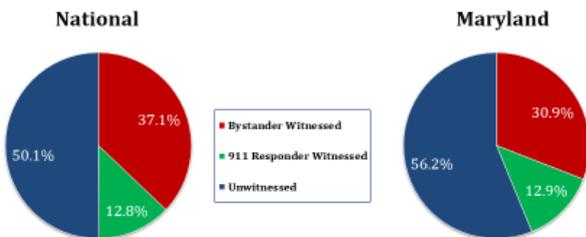
Who Initiated CPR



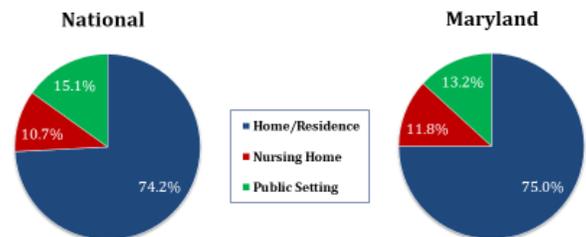
Was an AED Applied prior to EMS arrival?



Arrest Witness Status



Location of Arrest



VISIT MIEMSS ONLINE AT WWW.MIEMSS.ORG

Facebook: @MarylandEMS ■ Twitter: @MarylandEMS ■ Instagram: @maryland_ems

Searching for Pediatric Continuing Education? Look No Further

THE MARYLAND EMS FOR CHILDREN DEPARTMENT offers multiple online learning modules on a variety of topics in the MIEMSS Online Training Center located at www.emsonlinetraining.org. This month we will highlight one of these modules – Pediatric Burns.

When a burn occurs, seconds count and initial prehospital care and transport decisions are critical. Developed by faculty from the Johns Hopkins Children's Center, this course will focus on the mechanisms of burn injury most often seen, accurate burn assessment tools and techniques, and the priorities of treatment. Airway management, initial fluid resuscitation, pain management and temperature control are all key in EMS assessment and transport.

The course offers 0.5 hours of NCCP Individual credit for ALS clinicians and 1 hour of Trauma credit for BLS clinicians.



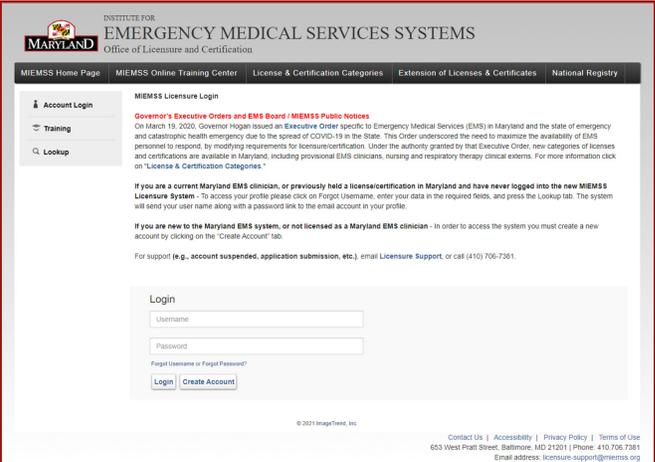
~ For more information, please email pepp@miemss.org. ~



Q. How can I see what classes I have completed in my MIEMSS account?

A. Please follow these steps:

- Go to www.miemsslicense.com (or just click the Clinician Login button on the MIEMSS homepage) and log in to your clinician account
- Select **Training**
- Then select **Record**
- Verify and correct the date range shown and the **Training Level** drop-down, if necessary
- Select **Go** and your training hours will display
- Select the button found next to the **Training Level** drop-down menu
- A PDF document will then open that shows your itemized continuing education records which you can print or save for your records ■



2021 Maryland EMS Protocols

(Continued from page 1)

with their level of licensure: EMRs and EMTs should complete the BLS version, CRTs and Paramedics should complete the ALS version.

Regardless of how each clinician views the video content portion of this year's update (Online Training Center, YouTube, company drill format), every EMS clinician must log in to the MIEMSS Online Training

Center and complete the quiz portion in order to obtain credit for the required course. Please remember that all updates must be completed before July 1, 2021.

■ **MIEMSS Online Training Center:**
www.emsonlinetraining.org

■ **Base Station Update:**
<https://www.miemss.org/home/hospitals/base-stations>

■ **Maryland EMS YouTube Channel:**
<https://bit.ly/2TbCw0I> ■

Download the complete 2021 Maryland Medical Protocols for Emergency Medical Services at www.MIEMSS.org

3.9

Chest Pain/Acute Coronary Syndrome, Suspected – Adult & Pediatric

Indications

- Angina or anginal equivalents
- Chest pain, pressure or discomfort
- Pain or discomfort in the upper abdomen, arm, or jaw
- Shortness of breath
- Unexplained diaphoresis

BLS

- Place patient in position of comfort.
- Administer aspirin 325 mg or 325 mg chewed, if not given prior to EMS arrival.
- Assist with administration of patient-prescribed nitroglycerin (NLG) 0.4 mg SL.
 - May be repeated in 3-5 minutes if chest pain persists, blood pressure is greater than 90 mmHg, and pulse is between 60-150 bpm. Maximum 3 doses total (patient and EMT-assisted).
 - Assess and treat for shock if indicated.

ALS

- Perform a 12-lead EKG as soon as possible.
 - EKG should occur within 10 minutes of contact with an EKG-capable clinician.
 - Document the patient's last name, first initial, age, and gender on the EKG. These identifiers should be on the transmission copy (if able to transmit) and shall be on the delivered printed copy.
 - Establish IV access.
 - Nitroglycerin 0.4 mg SL. May be repeated if symptoms persist, blood pressure is greater than 90 mmHg and pulse is between 60-150 bpm, to a maximum dose of 1.2 mg SL.
 - If patient does not have a prescription or previous history of nitroglycerin use, an IV must be established prior to administration.
 - Administer opioid per Pain Management protocol.

MC

- Medical consultation must be obtained for nitroglycerin in the following scenarios:
 - Additional doses of nitroglycerin, beyond 3 doses or 1.2 mg SL.
 - No IV access.
 - If patient's blood pressure drops more than 20 mmHg after administration of nitroglycerin, consult for further doses.
- Pediatrics: Consult a Pediatric Base Station for patients who have not reached their 18th birthday with chest pain with associated dysrhythmias, cardiac disease, or blunt trauma.

Clinical Pearls

- Nitroglycerin is contraindicated for any patient having taken medication for pulmonary artery hypertension (e.g., Adrenasol® or Revator®) or erectile dysfunction (e.g., Viagra®, Levitra®, or Cialis®) within the past 48 hours.

www.miemss.org 83 Release Date July 1, 2021



▲ Summertime safety activities were added to the COVID-19 vaccination clinic held on June 24, 2021, at Edmondson Village in Baltimore. Attendees at this University of Maryland Medical Center walk-in clinic could see how quickly and dangerously cars heated up in the sun, or they could get a free bike helmet for their child. These activities were sponsored by Safe Kids-Baltimore.

Seeking a safety activity for a socially-distant outdoor event? Reserve one of these displays that shows how quickly the inside of cars heats up and becomes dangerously hot for children or pets left inside. Contact cps@miemss.org for availability.

Maryland Department of Transportation Motor Vehicle Administration's (MDOT MVA)

Maryland Highway Safety Office

The MDOT MVA Highway Safety Office (MHSO) is dedicated to saving lives and working with many partners across the State to reduce the number of crashes each year. In addition, the MHSO looks for ways to reduce crash severity and ways to treat crash victims easier and faster.

Maryland aims to reduce the number of crashes, and the resulting deaths and injuries, to zero by 2030.

MHSO Announcements

4th of July Impaired Driving Prevention

We all love to celebrate the 4th of July with family, friends, food, and fireworks, but all too often the festivities turn tragic on our nation's roads. The fact is that this American holiday also brings increased drinking, potentially leading to impaired driving and deadly consequences:

In 2019, 515 people died in motor vehicle crashes over the July 4th holiday period. Nearly 40 percent of those fatalities occurred in alcohol-impaired crashes.



Visit ZeroDeathsMD.gov for all Social Media Toolkits!

Emphasis Area Team Meetings

Looking to become more involved in local road safety? Mark your calendar for the upcoming July EAT Meeting:

Pedestrian and Bicyclist Safety: Thursday, July 22, 2021 – 1:00 - 3:00 p.m.

The Maryland Highway Safety Office welcomes participation from the EMS community at these meetings. Your unique experiences truly help to save lives on Maryland Roadways!

Contact MHSO@mdot.maryland.gov to register.

In the News

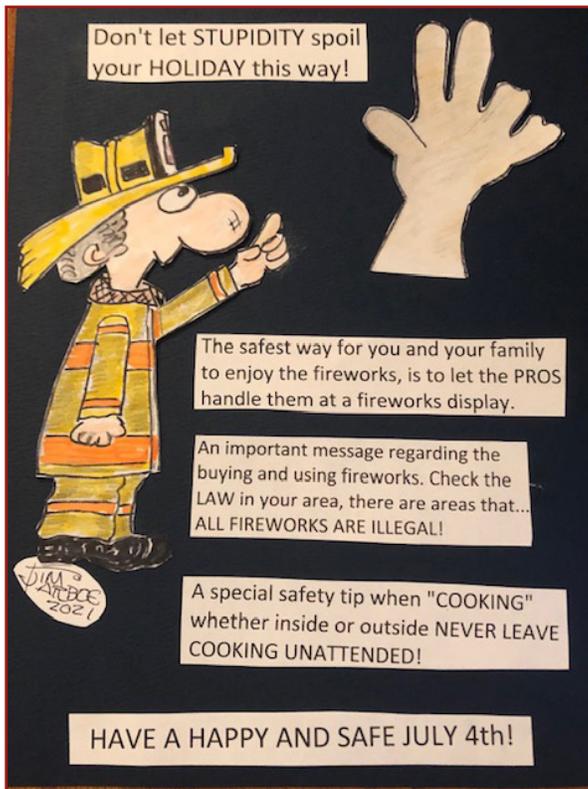
MDOT MVA, Law Enforcement Partners Remind Marylanders to Check Child Safety Seats Often

MDOT Secretary Greg Slater and MDOT MVA Administrator Chrissy Nizer and MHSO Director Dr. Tim Kerns joined in June to announce the donation of 50 child safety seats from MDOT MVA's Highway Safety Office to the Baltimore Police Department and several other law enforcement agencies across the State. The donation is part of the continued effort to ensure all jurisdictions have valid child safety seats available to officers if they find themselves needing to transport children.

The child safety seat donations were made possible through a partnership between MDOT MVA's Highway Safety Office, Maryland Institute of Emergency Medical Systems Services and the Maryland Department of Health's Kids in Safety Seats initiative.

Read More: ZeroDeathsMD.gov/News





▲ Artwork courtesy of Jim Jarboe, a retired Montgomery County career firefighter and member for close to 65 years of the Takoma Park Volunteer Fire Department, where he continues to volunteer. View more of Mr. Jarboe's work in past issues of Maryland EMS News at www.MIEMSS.org.

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Governor Larry Hogan
Lt. Governor Boyd Rutherford

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