

# Maryland EMS News

For All Emergency Medical Care Providers

Vol. 30, No. 5

May 2004

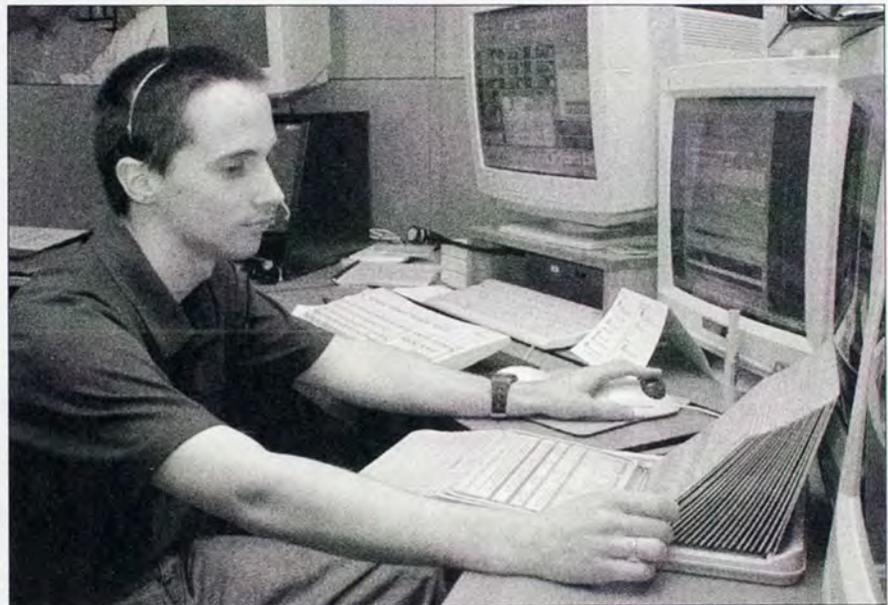
## Modified CPR Instruction Protocols for 9-1-1 Dispatchers

Recently several news articles have focused on new pre-arrival CPR instructions for emergency medical dispatchers (EMDs). The new "compressions first" pathway will be included in the release of the National Academies of Emergency Dispatch's Medical Priority Dispatch System (MPDS) version 11.2, which is nearing completion. The new protocol is based on new resuscitation science that deemphasizes the need for initial mouth-to-mouth breathing in many situations requiring CPR instruction over the phone.

While recognizing that situations exist in which there may be benefits in utilizing a "chest compressions first" pathway, MIEMSS recommends that until the compression first pre-arrival instruction protocol has been finalized as part of the MPDS version 11.2, Maryland EMDs continue to use the current MPDS script that advises instruction in a combination of rescue breaths followed by chest compressions to individuals performing CPR from phone instructions.

The basis for this recommendation is that the provision of telephone-directed treatment has only been shown to be safe and effective when provided by EMDs using carefully constructed, tested, and scripted protocols. The National Academy of Emergency Dispatchers Standards Group provides a mechanism to ensure that new dispatch science be safely implemented concurrently throughout many centers rather than at individual centers attempting to implement protocols on an individual basis.

MIEMSS thanks you for your cooperation in this matter.



### Important Information from Bridgestone/Firestone

*Editor's Note: MIEMSS received a letter and technical bulletin from Bridgestone/Firestone regarding the inspection of ambulance and EMS vehicle tires. The letter is reprinted below. The technical bulletin can be found on the MIEMSS website ([www.miemss.org](http://www.miemss.org)) by clicking on the scrolling banner "Bridgestone/Firestone Technical Bulletin."*

Bridgestone/Firestone recognizes the importance of the services provided by the public and private ambulance companies and EMS units throughout the United States. And

we realize that with the importance to keep current on all the emergency medical training, tire maintenance can sometimes be overlooked or seem less important.

However, tires are a very important part of your ambulance or EMS vehicle. They provide you with safe and fast transportation to your destination, over a variety of roads and in a variety of conditions. They should be considered as important as any piece of equipment inside the vehicle.

*(Continued on page 6)*

# EMAIS Update

On April 1 the Electronic Maryland Ambulance Information System (EMAIS) was implemented in Dorchester County. For the first two days of the implementation, MIEMSS staff traveled throughout the county visiting stations, answering questions, addressing concerns, and assisting providers with the completion of their first report(s). A special thanks to Charlie Simpson for ensuring a smooth and efficient implementation.

During March, both Allegany and Garrett colleges hosted additional EMAIS training classes for providers in Region I. Two additional classes were conducted at the Mead Westvaco Plant in Luke, Maryland. Thanks to Diane May for providing MIEMSS with the training facility. Concerns have been raised by the Allegany Fire and Rescue Board regarding documentation by first response units. MIEMSS staff will be available at their next meeting to address these and all other EMAIS-related issues.

On June 1 the five counties participating in the pilot program will

discontinue the use of the MAIS form and use only EMAIS for documentation. Allegany, Cecil, Dorchester, Garrett, and Washington counties have been completing two reports since they entered the pilot program. In addition to the new reporting system, the revised patient care refusal form will be introduced at that time. Organizations that have not received their new refusal forms should contact their county EMS coordinator.

April and May will be used by the EMAIS staff to correct any issues that remain with the program and to develop the report writer. The EMAIS vendor has been asked to make a number of enhancements to the program, many at the request of jurisdictions participating in the pilot program. Also during that time period a training schedule for the rest of 2004 will be developed. Currently MIEMSS has requests for three additional counties prepared to implement the EMAIS program.

If you have any questions or comments regarding EMAIS, please contact Kathy Paez at 410-706-7798.

## Maryland's 12 Months of Safety

The Maryland Department of Transportation has outlined a 12-month program of safety initiatives around the theme of "Crashes Are NO Accident...You Hold the Key!" Each month has a special prevention designation, of interest to Maryland's EMS community and all who are interested in preventing injury on Maryland's roads and highways.

This issue of the newsletter will focus on the months of June and July. June is dedicated to Pedestrian and Bike Safety. The last issue of the "Maryland EMS Newsletter" focused an entire page on Pedestrian Safety. What do motorists, pedestrians, and bicyclists have in common? They all share the road and need to be aware of one another.

In 2002, seven cyclists and 101 pedestrians were killed on Maryland roads. For car drivers, slowing down and stopping for pedestrians at crosswalks and intersections are crucial. Cyclists should ride in the same direction as traffic and make sure they realize that they are subject to the same rules and regulations as motor vehicles. Pedestrians need to use marked crosswalks and always look left, right, and left every time when crossing a street.

The focus for the month of July is Aggressive and Impaired Driving. Aggressive driving is one of the largest threats drivers face while on the road. Aggressive driving takes on many forms, including running red lights, tailgating, weaving through traffic, and initiating unsafe lane changes. In order to protect yourself, make every effort to stay out of the aggressive driver's pathway. You can do your part by reporting aggressive or impaired driving to police by dialing # 77 on a cell phone. Impaired driving often occurs during the summer when people leave cookouts and parties after drinking alcohol. Please remember not to drink and drive. If you do plan on drinking alcohol, please designate a driver who will not drink or call a cab.

We can all make summer safe for everyone by slowing down, watching for others on the roads, and not driving while impaired. Log on to [www.marylandroads.com](http://www.marylandroads.com) for further information.



(Far right) Eric Chaney, from the Medical Director's Office at MIEMSS, helps EMS providers in Allegany County with EMAIS.

# Taking Protective Measures

*Editor's Note: MIEMSS reminds emergency providers of the following information detailed in an informational bulletin entitled "Potential Terrorist Use of Official Identification, Uniforms, or Vehicles," issued on July 22, 2003, by the Department of Homeland Security (DHS).*

The DHS alerts everyone of the possible use by terrorists of official (that is, components of federal, state, and local governments and private sector entities) identification cards/badges/decals/documents, uniforms, and vehicles, as well as government license tags, to gain access to sensitive facilities to carry out attacks. There is no indication that this has occurred in the US, but terrorists overseas have both disguised vehicles and used official emergency, police, and other official vehicles to carry out bomb attacks. They have also disguised themselves as law enforcement officials to carry out an attack.

The bulletin notes several thefts of military and airline uniforms, identification badges, and equipment stolen in the US although the crimes have not been linked to terrorists.

The following protective measures are suggested in the DHS informational bulletin:

- Keep comprehensive records of all official identification cards, badges, decals, uniforms, and license plates distributed, documenting any anomalies and canceling access for items that are lost or stolen.
- Practice accountability of all vehicles to include tracking vehicles that are in service, in repair status, or sent to salvage.
- Safeguard uniforms, patches, badges, ID cards, and other forms of official identification to protect against unauthorized access to facilities, to include stripping all decommissioned vehicles slated for resale and/or salvage of all agency identifying markings and emergency warning devices.
- Check multiple forms of valid identification for each facility visitor.
- Verify the legitimate business needs of all approaching vehicles and personnel.
- Improve identification card technology to eliminate reuse or unauthorized duplication.
- Alert uniform store vendors of the need to establish and verify the

identities of individuals seeking to purchase uniform articles.

- Ensure all personnel are provided a security briefing regarding present and emerging threats.
- Encourage personnel to be alert and to immediately report any situation that appears to constitute a threat or suspicious activity.
- Arrange for law enforcement vehicles to be parked near entrances and exits.
- Limit the number of access points and strictly enforce access control procedures.
- Institute a robust vehicle inspection program, including but not limited to checking under the undercarriage of vehicles, under the hood, and in the trunk.
- Provide vehicle inspection training to security personnel.

## World Health Day Celebrated

International, national, and state advocacy groups for highway safety worked together on April 7 to promote World Health Day (WHO) and the 2004 theme of "Road Safety Is No Accident."

In Maryland, WHO Day was celebrated at the R Adams Cowley Shock Trauma Center. "Advocacy partners" from the R Adams Cowley Shock Trauma Center (STC), the Maryland State Highway Administration (SHA), the Region III office of the National Highway Traffic Safety Administration (NHTSA), the National Study Center for Trauma and EMS, MIEMSS, the American Trauma Society, and S2W (Safe Smart Women, an organization educating youth on safety driving tips) offered presentations and set up educational displays.

Speakers included Dr. Thomas Scalea (physician-in-chief for the program in trauma at the STC), Lizzie Nimmich and Marco Filiponi (former patients at the STC), Dr. Elizabeth Baker (NHTSA Region III Administrator), Dr. Robert Bass (Executive Director, MIEMSS), and Neil Pedersen (SHA administrator). Following the presentations, Mr. Pedersen gave the Grand Rounds Lecture on "Engineering and Safety."



### UMAB Campus Drill

The campus of the University of Maryland-Baltimore recently held a Local Area Defense (LAD) drill to test the preparedness of the area for a terrorist event. As part of the scenario, the John M. Murphy MIEMSS Building had a bomb placed in the building requiring evacuation of MIEMSS employees.



# MARYLAND FIRE - RESCUE SERVICES

## *Memorial Foundation, Inc.*



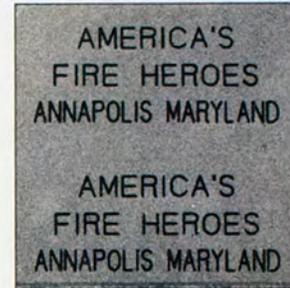
### Maryland Memorial Brick Inscription Order Form



Style 1



Style 2



Style 3

**Style 1:** Full logo - Graphic files accepted for logos are EPS, TIFF, and outlined DXF from a CAD program.

**Style 2:** Graphic logo with 3 lines of type with 18 characters maximum per line.

**Style 3:** Text only up to 6 lines with 18 characters maximum per line.


**Recommended Donation Level- \$500 • Your donation is tax deductible**

*Please make checks payable to : Maryland Memorial Foundation, Inc.*

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_ Phone \_\_\_\_\_ Date \_\_\_\_\_

Total Amount Donated \_\_\_\_\_

**PLEASE RETURN THIS FORM ALONG WITH YOUR CD TO:**

**Maryland Memorial Foundation**

**Post Office Box 706**

**Annapolis, MD 21401**

# 14th Annual Trauma Conference

presented by

Peninsula Regional Medical Center and its Division of Trauma  
at the  
Carousel Resort Hotel, Ocean City, Maryland

Friday, September 17, 2004

7:15 AM	Registration/Visit Exhibits Continental Breakfast	12:15 PM	Lunch
7:45 AM	Welcome/Opening Remarks	1:30 PM	Break-Out Sessions
8:00 AM	<b>Any Given Injury, Journey Back to Life after Catastrophic Injury</b> <i>Dan L. Miears</i>		<b>A. Beating the "Golden Hour" When Confronted with Multiple Trauma Patients</b> <i>Francis Pagurek, LPN, MICP, A.A.S.</i>
9:00 AM	Break/Visit Exhibits		<b>B. Complex Orthopedic Injuries in the Multiply Injured Patient</b> <i>To be announced</i>
9:15 AM	<b>Small Town Tragedy: A Case Review Dealing with Disaster</b> <i>Moderator: Richard L. Alcorta, MD</i>	2:30 PM	Break/Visit Exhibits
10:45 AM	Break/Visit Exhibits	2:45 PM	<b>Complex Thoracic Trauma: A Cased Based Study</b> <i>James V. O'Connor, MD, FACS, FACC, FCCP</i>
11:15 AM	Break-Out Sessions	3:45 PM	Wrap-Up/Distribution of Certificates
	<b>A. Our Aging Society</b> <i>Nancy M. Raniszewski, AS, NREMT-P</i>		
	<b>B. Pulmonary Complications of Trauma</b> <i>Joanne Phillips, RN, MSN, CCRN</i>		

For more information, call Lisa Hohl, Peninsula Regional Medical Center, 410-543-7328.  
Continuing education credits will be awarded.

**Hotel Accommodations:** Rooms have been reserved at a special rate until August 20. Refer to Peninsula Regional Trauma Conference when making reservations at the Carousel Resort Hotel, 11700 Coastal Highway (1-800-641-0011). Make reservations early. September is the beginning of Ocean City's second season and September 16-20 is Sunfest Weekend. Special rates are reserved for Thursday, Friday, and Saturday nights to enjoy the festivities while attending the conference.

## Conference Registration Form

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Day Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_ Fax \_\_\_\_\_  
Affiliation/Institution \_\_\_\_\_  
Position/Title or Specialty \_\_\_\_\_  
Email \_\_\_\_\_

Conference Registration Fees\* (Registration received after September 3, add \$25.)

Nurses/Prehospital Providers \$75

Students \$30

**Please return completed form, along with payment by September 3, 2004 to:**

Trauma Department, Peninsula Regional Medical Center  
100 East Carroll Street, Salisbury, MD 21801  
ATTN: Lisa Hohl, Trauma Coordinator

Make check payable to: **Peninsula Regional Medical Center**

For disability accommodations, please contact the trauma office at 410-543-7328. For more information, go to the website [www.Peninsula.org](http://www.Peninsula.org).

Please check the breakout session you want to attend (A: EMS Track B: Nursing Track)

11:15  A  B

1:30  A  B

## Protocols: Please Note

Two errors in the 2004 Maryland Medical Protocol Update are summarized below. (The corrected pages are also posted on the MIEMSS website at [www.miemss.org](http://www.miemss.org) under the "Download Library" button.) The following information was also mailed to EMS Operational Programs and their Medical Directors, the Regional Medical Directors, the Pediatric Emergency Medical Advisory Committee, the State EMS Advisory Council, the Jurisdictional Advisory Committee, and the Commercial Ambulance Service Advisory Committee. If you have any questions regarding the changes, please feel free to contact Eric Chaney at 410-706-0880.

### Pediatric Valium Administration (Pages 38 & 206)

On page 38 of the 2004 Update of the Maryland Medical Protocols for EMS Providers (line 1), the pediatric dosage of valium is correct. The dosage was changed to:

Up to 0.2 mg/kg rectal  
Maximum total dose 10 mg  
or  
0.10 mg/kg SLOW IVP/IO  
Maximum total dose 5 mg

The change was not made on page 206 under section g) line (2).

The correct dosage is listed on page 38. Nationally the threshold for the pharmacologic treatment of seizures has been established at 5 minutes. In addition, the dosage of valium for the pediatric seizure

patient was lowered to decrease the risk of respiratory suppression.

### Morphine Administration for Chest Pain Patients (Page 55)

On page 55, the morphine dosage was edited to be consistent with the rest of the protocol manual. However, the text "(Paramedic may administer without consult.)" should NOT have been added.

A paramedic may NOT administer Morphine to a patient complaining of chest pain without medical direction.

### Disciplinary Actions

*The following final disciplinary actions were taken by the EMS Board on the dates indicated:*

**B-2003-215 (EMT-P)**—March 9, 2004. (by Disposition Agreement). Probation for 2 years, submission of quarterly reports to MIEMSS from supervisor regarding documentation and protocol compliance, meet with State EMS Medical Director within 6 months to review incident, and complete an EMS documentation course within 6 months, for administering Narcan directly into vein instead of by IV access and failing to document that treatment.

**R-2003-221 (CRT)**—March 9, 2004. Revocation of license for filing a false report, providing services beyond individual's scope of practice, unauthorized use of medical supplies and failure to comply with protocols for administering IV Diphenhydramine Hydrochloride (Benadryl) to fellow provider while off duty.

**B-2003-222 (EMT-B)**—April 13, 2004. (by Disposition Agreement). Acceptance of surrender of certification for the theft of ambulance communication radios.

**B-2003-234 (CRT)**—April 13, 2004. (by Disposition Agreement). Surrender of CRT license, issue provider an EMT-B certification subject to probation until 4/14/05 for failing to reveal on renewal application guilty plea to theft of goods over \$500 in connection with possession of stolen property.

**B-2003-247 (EMT-B)**—April 20, 2004. Probation for 6 months for pleading guilty to theft under \$500 in the District Court of Maryland as a result of theft of an MVA sticker from a private vehicle on a fire department parking lot.

## Bridgestone/Firestone (Continued)

*(Continued from page 1)*

We recommend you institute a program to continually visually inspect all of your tires for road hazard damage, cuts, and tears, and check the inflation pressure to be sure you have enough for the service your tires experience. You should verify that you have the correct tires (size, load range, and construction). Additionally, you should confirm that you have the proper valves for your service and hose extenders, if appropriate, so the tire pressure on all tires can be checked regularly. The spare tire should be checked for all these conditions, as well.

An external inspection will not determine if the tire has suffered internal damage from over deflection, underinflation, overloading or other circumstances. A more comprehensive inspection to determine possible effects of tire underinflation or overloading, internal damage due to penetrations, or improper repair techniques requires dismounting the tire from the rim. For such an inspection it is important that you visit your professional tires service provider.

To help with this visual inspection, Bridgestone/Firestone is enclosing with this letter a Bridgestone/

Firestone Technical Bulletin listing and explaining some of those considerations. Also included in this packet is the brochure "Rx for Light Trucks, RVs, Mini-buses & Ambulances" that provides additional information on double seal, flow-through valve caps, proper vehicle weighing procedures, and notes on proper repairs. To download or order this brochure, go the website at [www.trucktires.com/us\\_eng/library/publications/](http://www.trucktires.com/us_eng/library/publications/)

We understand that you may want additional assistance in inspecting your tires; your servicing dealer should be ready to help. Not all tire retailers have the necessary equipment to properly service your vehicles. We strongly recommend you contact these locations before visiting them to confirm their capabilities. If you have a maintenance relationship with a Bridgestone/Firestone retail location, you may want to contact them for their expertise in working with tires. You also may call 1-800-847-3272 for technical support.

◆ *David C. Laubie*  
Divisional Vice President,  
Engineering  
Bridgestone/Firestone  
North American Tire, LLC  
Nashville, Tennessee 37214



Kelly Heilman



Linda Arapian

## Joining MIEMSS Staff

Kelly Heilman, MBA, PhD Cand., recently joined MIEMSS as the Director of Data Management. She directs, coordinates, and manages the data-related services of MIEMSS, including data collection, evaluation, and research. Prior to MIEMSS, she worked in data administration for many years, including several at the Maryland Department of Health & Mental Hygiene.

Linda Arapian, MSN, RNC, CEN, EMT-B is the new EMS for Children (EMS-C) Education Coordinator. She also works part-time at the Children's National Medical Center in DC. Her MIEMSS office number is 410-706-1758.



## Second Annual Miltenberger Seminar

On March 20, the second annual Miltenberger Emergency Services Seminar was held in Cumberland at the Allegany College of Maryland. Dr. Robert Bass addressed the group during the opening session. Topics for hospital, fire, and EMS personnel were presented.

The program is named in memory of Dr. Fred Miltenberger, who was actively involved in the development and expansion of EMS in Allegany and Garrett counties and in the state of Maryland. He served as one of Region I Advisory Council's first presidents and Region I's Medical Director for over 20 years. At the state level, Dr. Miltenberger helped pass legislation that created a statewide 9-1-1 system, and served as the area's representative on the Regional Medical Directors Group. He was also active in the Maryland Trauma Net, serving as its president and assisting in the design of the state's trauma center designation criteria.



## Oriole Park Evacuation Drill

On April 10, the Baltimore Oriole Organization held an evacuation drill at Camden Yards simulating the need for a mass evacuation at the ball park. In the photo on the right, Clay Stamp, MIEMSS Director of Emergency Operations, speaks to the media regarding the emphasis on the need for domestic preparedness for these types of events in Maryland's Homeland Security planning.

MIEMSS, *Maryland EMS News*  
653 W. Pratt St., Baltimore, MD 21201-1536  
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Governor Robert L. Ehrlich, Jr.

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*Chairman, EMS Board:* Donald L. DeVries, Jr., Esq.  
*Executive Director, MIEMSS:* Robert R. Bass, MD  
*Managing Editor:* Beverly Sopp (410-706-3248)

**DATED MATERIAL**



### **Maryland Fire-Rescue Services Memorial**

*The Maryland Fire-Rescue Services Memorial Foundation, Inc. is currently in the process of constructing a fire-rescue services memorial that will be located in Annapolis. It will honor all fire, rescue, and EMS personnel who have died in the line of duty while serving their communities in Maryland. The memorial has been designed and is being worked on by Baltimore sculptor, Rodney Carroll. This photo shows the model being sculpted for the fire-fighter figure of the memorial. Construction is planned to be completed in 2005.*



**National EMS Week**  
**May 16-22, 2004**

## **MARK YOUR CALENDARS**

### **EMS Educational Opportunities**

**September 17**

#### **PRMC "Topics in Trauma" 14th Annual Trauma Conference**

Carousel Resort Hotel, Ocean City  
Contact: Lisa Hohl, RN, Trauma  
Nurse Coordinator, PRMC,  
410-543-7328

**September 28**

#### **Mid-Atlantic Lifesafety Conference**

Johns Hopkins Applied Physics Lab,  
Laurel  
Contact: Fire Marshal's Office,  
1-800-525-3124

**October 22-24**

#### **Pyramid 2004**

Solomon's Island  
Contact: MIEMSS Region V Office,  
301-474-1485 or toll-free at  
1-877-498-5551