



Pediatric Emergency Medical Advisory Committee

July 2, 2025 @ 9:30 AM to 12:00 PM

653 West Pratt Street - Room 212


Baltimore, MD 21201

In Person Meeting

Type of meeting:	Pediatric Emergency Medical Advisory Committee <i>PEMAC Business Meeting @ 9:30 AM – 12 Noon</i> <i>Networking Lunch 12:00 PM for those attending in person</i> PEMAC Protocol Development Forum@ 12:30 – 2:30 PM	
Member & Liaison Attendees	Steve White MD; Richard High EMT; Jessica Williams RN; Laurel Moody RN; Liz Berg RN; Cyndy Wright-Johnson RN; Danielle Joy RN; Jennifer Anders MD; Mary Ellen Wilson RN; Rob Carter RN NRP;	
Virtual	Karen O’Connell MD; Suzanna Martin MD; Jennifer Guyther MD; Lisa Opel RN, Jill Dannenfesler RN; Jen Denault RN; Andrew Robertson NRP; Scott Legore NRP; Bruce Kline MD; Lisa Wilson, EMT;	
Guests:	Meg Stein NRP, Emily Dorosz RN	
RSVP regrets:	Rupal Udeshi MD; Corina Noje MD; Chris Truitt NRP; Susanne Ogaitis-Jones MSPH CPSTI; Yonnia Waggoner RN	
PEMAC Agenda & Minutes Approved by Committee		
9:30 AM	Welcome & Introductions 1. Member Roll Call and brief introduction of visitors & guest 2. List of Documents, Liaison & Committee Reports 3. Volunteer present in Room 212 to monitor the CHAT	Cynthia Wright Johnson RN
9:35 AM	PEMAC Business: 1. Minutes from May 7, 2025 PEMAC meeting were reviewed, motion to accept by Rob Carter, seconded by Lauren Moody and unanimously approved. 2. 2025 Meeting Schedule posted and e-appointments sent ★ September Meeting & Safe Kids Afternoon forum 3. Vacancy: EMS Educator & Region 1 Pediatric Medical Director 4. Membership requirement is attendance @ 3 in-person meetings	Rick High EMT/ Laurel Moody RN Cyndy Wright Johnson RN
9:45 AM	PEMAC July 2025 Consent Agenda: Approved 1. EMSC & Safe Kids Update – handout 2. Pediatric Readiness Update – handout 3. 2025 Educational Conference List – handout 4. CPS & OP Grant Update – handout 5. Injury Prevention updates & links listed within the agenda	EMSC Department Staff Team
10:00 AM	Maryland EMSC Department & SP Grant Updates: 2025 Forum calendar is finalized for all three champion groups 🗄️ PM 1.0 National Pediatric Readiness Project (NPRP) - 2026 Survey planned by HRSA/EMSC based upon the Joint Policy Statement/ Technical Report from AAP, ACEP, ENA. 🗄️ Pediatric Nurse Champion Forum – July 23 rd joint virtual with EMS. 🗄️ Pediatric Physician Champion Forum- July 30 th (virtual) focus on Sepsis. The AAP is interested in joining forces to reestablish COPEM and work with ACEP pediatric committee. One goal is to reach out to the AAP pediatric general membership and provide an update on Pediatric Readiness. 🗄️ ENPC Course Scholarships -remain available and work with ENA to promote them.	Mary Ellen Wilson RN Jennifer Anders MD

10:30 AM	<p>PM 03: Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Right Care Awards for 2026– application OPEN and ongoing See new flyer & online: https://www.miemss.org/home/Public/Awards 2. FAN committee recruitment ongoing 3. Steps to Safety – June 2025 @ MSFA Convention was well received the feedback is still coming in and will be summarized at the September meeting. 4. Update from National FAN (EIIC work) – meetings cancelled 	Lisa Wilson EMT
10:45 AM	<p>PM 04: Disaster Preparedness</p> <ol style="list-style-type: none"> 1. Region 3 Pediatric Subcommittee HCC continues to work towards a set of common objectives for all four HCC. The Pediatric “Annex” or inventory documents need to be updated for all four HCCs. 2. Region 1 & 2 3. Region 4 4. Region 5 5. July 23, 2025: Joint EMS & Hospital Pediatric Champion Forum with updates on Disaster resources for planning and preparation. 10:00 AM to 12 Noon 6. TEEX Pediatric Course 439: UMMS Cap Region to host June 2025 & Carroll County in February 2026 7. National Pediatric Pandemic Network – Podcasts launched @ https://pedspandemicnetwork.org/ready-prep-go/ 	<p>Rob Carter RN NRP</p> <p>Cyndy Wright Johnson RN</p>
11:00 AM (EST)	<p>Presentation on IO Training Tool</p> <p>Maryland Medical Protocols for EMS Clinicians added the distal femoral site for pediatric IO in July 1 2025</p> <ol style="list-style-type: none"> 1. Training resources vary widely across the state based upon feedback from April Pediatric EMS Champion Forum. 2. New teaching tools discussion including a model that has the femoral and tibial locations in one model. The model simulates a child 4-10 years of age and works with both manual and mechanical drills. 3. Top five teaching points for 15 minute video discussion – deferred to separate meeting and will be a Fall Project given ongoing working from spring. Please reach out to Danielle to help plan this project. 	<p>Committee</p> <p>Anne Adema, MD CH Colorado</p>
11:15 AM	<p>Maryland Protocols for EMS Providers</p> <ol style="list-style-type: none"> 1. 2025 Protocols are available in spiral version (\$10) or notebook size (\$25). The APP will be updated by the time of this meeting and online mobile version is on the MIEMSS website - https://www.miemss.org/home/Portals/0/Docs/Guidelines_Protocols/MD-Medical-Protocols-2025-Hyperlinked-HR-05062025.pdf 2. 2025 Protocol Update for Base Stations is online through MIEMSS YouTube account: https://www.youtube.com/watch?v=NrqwBOD5I4I 3. Each section of the 2025 Protocol Update for EMS is also posted on MIEMSS YouTube account: https://www.youtube.com/@MarylandEMS/videos 4. EMS Clinicians should participate in the MIEMSS On Line Training Center to have their participation “logged in”: https://www.emsonlinetraining.org/login/index.php 	<p>Jen Anders MD Meg Stein NPR</p>

	<p>2026 New protocols for discussion: (July 26 implementation) NOTE this is the agenda for today's afternoon writing forum. 12:30 – 2:30 (or earlier).</p>	
11:30 AM	<p>Maryland Organizations & Committees</p> <ul style="list-style-type: none"> 📎 AAP Updates www.mdaap.org – No Report 📎 ACEP Updates - www.mdacep.org _ National conference in September with preplanning meetings on policy discussions 📎 ENA Updates - www.mdena.org: <ul style="list-style-type: none"> •Metro Baltimore conference August 14th – Leadership •Mid Maryland conference – November 7th •National ENA – September 16-20 in NOLA 📎 SCHOOL HEALTH Updates: <ul style="list-style-type: none"> •Collaboration on statewide Asthma Action Plan update with goal to streamline processes for providers to complete forms, same form for schools, child care and camps. •MDH & MIEMSS working on a consolidated short update (virtual) for schools on EMS System responses. 📎 Maryland Center for School Safety: https://schoolsafety.maryland.gov/ Annual conference will be at Turf Valley July 16 & 17th with meeting on July 7th to plan other training. 📎 Critical Care Updates– No Report 📎 Commercial Ambulance Service Advisory Committee– No Report 📎 Jurisdictional Affairs Committee (JAC @ MIEMSS) <p>Please see written summary of submitted reports– No Report</p>	<p>Bruce Klein MD Suzanna Martin MD</p> <p>Cyndy Wright JohnsonRN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN</p> <p>Jill Dannensfelser RN</p> <p>Rick High EMT & Chris Truitt NRP</p>
11:45 AM	<p>Injury Prevention Sub Committee & Updates</p> <ol style="list-style-type: none"> 1. EMSC: CPS & OP Healthcare Project (Maryland DOT cps@miemss.org <ul style="list-style-type: none"> ■ Special Transport Needs workshop on July 30th ■ Preschool Bus Transport webinar on August 28th 2. Safe Kids 2025 Meetings following PEMAC: Maryland SK September 3, 2025 PrevCon 2025 – October 15-18 2025 @ Gaylord National Harbor 3. Public Fire & Life Safety Educator Seminar – March 2026 4. Mid-Atlantic Life Safety Conference – October 24, 2025 @ Doubletree Annapolis (new location and date) 5. Maryland Risk Watch/ MSFA –Full typed report is available 6. Partnership for Safer Maryland www.safermaryland.org 7. TraumaNET – https://www.maryland-traumanet.com/ 	<p>Susanne Ogaitis Jones MSPH</p> <p>Cyndy Wright Johnson RN</p>
11:50 AM	<p>Old Business: FDA Recall of Broselow Tape shared in email with new production timeline unknown. The most current clinically accurate tape is 2019B version.</p>	Committee
11:55 AM	<p>New Business – No Report</p>	Committee
12:00 PM	<p>Adjournment & Networking</p>	Committee

<p>12:30 – 2:30 PM</p>	<p>Protocol Development & Development of training priorities 2026 New protocols for discussion: (July 26 implementation)</p> <ol style="list-style-type: none"> 1. NEW: Critically Unstable Patient for all ages that expands the current Protocol 2.4 to include all ages: Committee proposed rewording the BLS section, linking to the head injury criteria in Protocol 8.4, and discussed at length the language to capture when to stay on scene and when lifesaving airway needs required rapid transport. Future discussion at August PEMAC protocol meeting on 8/20. 2. Norepinephrine infusion OSP revisions for pediatric [15.20]. Committee recommended specific guidelines for Pediatric TBI be included in protocol 8.4-P. Separate documentation for Sepsis protocol 4.14P. 3. Ketamine pharmacology – Medical control required for 5-12 yo will be included as an administrative update for consistency. 4. Seizure 4.13-P with updated language for second dose of medications and when medical control is needed. Committee recommended – if no benzodiazepines have been give prior to arrival (parent rescue med), a 2nd dose may be given without medical control for ongoing seizures. But not if seizures have stopped. If home dose has been given, then 1st does may be given and medical control is required for what will be the 3rd dose to that patients. Concern is to ensure ventilator effort is not suppressed and that no dose are give to prevent seizures from restarting. 5. Newly Born Resuscitation – align ALS sequencing and language to BLS. The new draft presented incorporates the BLS and ALS into one algorithm with BLS at top and ALS to follow. Notes from page 125 (2025 edition) would be incorporated and the APGAR score kept in place. The inverted Triangle has been a great teaching tool and can remain for scenarios. It was dropped from the 2020 ILCOR/AHA documents. The 2025 ILCOR/AHA/AAP Newly born resuscitation will be released in October and 9th edition of NRP released. These changes will be cross walked with those documents before finalization. <p>All proposals for 2026 must be submitted prior to June 11, 2025 (Wednesday) for discussion at July 2, 2025 PEMAC meeting.</p>	<p>All are welcome</p>
<p>EMSC Meetings and Education</p>	<p>Pediatric EMS Champion Forums Pediatric Nurse Champion Forums Pediatric Physician Champion Forums</p> <p><i>2025 Schedule posted on the Maryland EMSC Pediatric Readiness website: https://www.miemss.org/home/EMS-for-Children/Pediatric-Readiness</i></p>	

**Next Meeting September 3, 2025 @ MIEMSS
9:30 – 12:00 Noon PEMAC Business Meeting
and
12:30 – 3:00 PM Safe Kids Maryland meeting**



Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



Maryland EMS for Children Department Update: July 2025 Update

Advocacy:

➤ Prevention Messages: July Safety messaging

- Burn prevention – <https://www.nfpa.org/downloadable-resources/safety-tip-sheets/fireworks-safety-tips>
<https://www.cpsc.gov/Safety-Education/Safety-Education-Centers/Fireworks>
- Boating and Water Safety - <https://safeboatingcampaign.com/> & <https://www.poolsafely.gov/>
- Rural Road Safety Awareness Week (July 14-18, 2025)
<https://ruralsafetycenter.org/rural-road-safety-awareness-week/>

August Safety messaging will focus on many travel & recreation messages

- National Night Out – August 5, 2025
- Back To School Safety <https://www.schoolsafety.gov/back-to-school-campaign>

Pediatric Education EMS and Emergency Department Professionals:

- 🚑 Pediatric HPCPR 2024 Version (updated with protocols & new science) is posted in the Online Training Center: <https://www.emsonlinetraining.org/>
- 🚑 PaxRiver EMS Conference will be held at LaPlata Campus of College of Southern Maryland 10/17 -19/2025
- 🚑 Maryland ENA Conferences: MetroBaltimore Chapter August 14th & MidMaryland Chapter November 7th
- 🚑 2026 Conference planning has started. Please email topics and speaker suggestions pepp@miemss.org

	<p>National EMSC Updates:</p> <ol style="list-style-type: none"> 1. EMS Assessment on Pediatric Readiness- waiting on state and national infographics from HRSA. 2. EIIC News: Maryland EMSC leads the way in pediatric prehospital HPCPR - https://emscimprovement.center/news/state-spotlight-maryland-emsc-leads-the-way-in-pediatric-prehospital-high-performance-cpr/ 3. EMSC PEAK: New Sepsis Toolkit - https://emscimprovement.center/news/new-peak-sepsis-toolkit/ 4. EMSC EDC: Public Prehospital Pediatric Quality Measures Dashboard (NEMESIS) https://nemesis.org/public-prehospital-pediatric-quality-measures-dashboard/ 5. PECARN: research data dictionary - https://pecarn.org/wp-content/uploads/2023/10/PECARN-Disparities-Working-Data-Elements10.27.23.xlsx
	<ol style="list-style-type: none"> 1. Pediatric Pandemic Network: https://pedspanemicnetwork.org/news/new-report-congress-childrens-physical-mental-health-care-needs/ 2. Pediatric Disaster Centers for Excellence have a website that will have products developed by the three ASPR funded regions. https://www.pediatricdisaster.org/
	<p>Maryland EMSC Updates:</p> <ol style="list-style-type: none"> 1. EMSC State Partnership Grant 2023-2027: focuses on Pediatric Readiness criteria and resources for hospitals and EMS, pediatric specific disasters planning, and family engagement that represent Maryland's children and their families. 2. FAN: Right Care When It Counts awards nominations are OPEN for 2026 (new flyers are available) https://app.smartsheet.com/b/form/2c1921de91fc485aa3121d9fce33f23b Due Date: February 1st annually with Star of Life Awards deadline 3. New page of EMSC Web resources: https://www.miemss.org/home/EMS-for-Children/Pediatric-Readiness
	<ul style="list-style-type: none"> ➤ Safe Kids Maryland & Risk Watch Maryland Update: "Steps to Safety" interactive displays @ MSFA Convention June 2025 in O.C. reached families and EMS/Fire/Rescue from across Maryland. Safe Kids Month grant provided 86 helmets for children and youth. ➤ CPS Healthcare Project: CPS Technician courses for 2025 are posted @ https://cert.safekids.org/become-tech . Specific training is available - contact cps@miemss.org. ➤ July 30, 2025 WORKSHOP: Special Transportation Considerations for Children: Workshop for Safety Advocates and CPSTs



Pediatric Readiness Program & Education Update



Pediatric EMS Champion Update

- 📍 Pediatric **EMS Champion** In Person Forum held April 23, 2025 @ Howard County PSTA
 - Forum held with positive feedback. Representation from 19 of the 28 jurisdictions
 - Content included a review of the Pediatric Readiness workshop skills stations and review of Deteriorating Medical Patient lecture for future use by Pediatric EMS Champions.
 - Discussion about education needs for distal femur IO protocol addition.
 - iSimulate programming training also provided for Champions.
 - Next forum will be held **Wed, July 23, 2025 from 10:00 AM – 12:00 PM – Joint EMS & RN**

Pediatric Nurse Champion Update

🐼 **Maryland Pediatric Facility Recognition Program** is open with invitation letter sent to all Maryland Emergency Departments. Online application platforms will be sent to hospitals upon receipt of letter of interest from Administration.

📍 Pediatric Nurse Champion

- Pediatric Facility Recognition Program “Office Hours” to address questions about the application and process
 - June 4, 2025 14:00 – 15:30
 - July 9, 2025 12:00 – 13:30
 - August 6, 2025 14:00 – 15:30
 - September 10, 2025 12:00 - 13:30
- Sharefile with ED simulations for Head injury/Child Maltreatment and Sepsis
- ENPC Course scholarships for Pediatric ED Champions (or designee) are available.
- Next forum will be **Wed, July 23, 2025 from 10:00 AM – 12:00 PM – Joint EMS & RN**

📍 Pediatric Physician/APP Champion Update

- 📍 Pediatric **Physician/APP Champion** Forum held April 30th from 12:00 PM – 1:30 PM featuring an update on Child Abuse Screening and Treatment in the ED
- 📍 Next forum will be **virtual July 30th from 12:00 PM – 1:30 PM** and will feature a presentation on Pediatric Sepsis

Joint EMS & Nurse Champions Forums

- 📍 Wednesday July 23, 2025 from 10am-12pm with a pediatric disaster focus

Pediatric Education Updates

- Pediatric Reference poster and Pediatric Reference Cards have been distributed to through EMS and ED Nurse Champions. Additional copies are available upon request (targeted for all working in EMS & ED)
- Pediatric Trauma and Burn Reference Cards are now available upon request (target audience is clinicians ordering trauma/burn diagnostics- available to all interested).
- Pediatric Trauma and Burn Poster has been printed & available. (target for EMS & ED)



Please see EMS & Prevention Educational Conferences 2025 handout

For more information please call the Maryland EMS for Children Department at 410-706-1758

Email for Pediatric Education is pepp@miemss.org or Pediatric Readiness is pedsready@miemss.org



CPS & OP Healthcare Project
EMS for Children Program @ MIEMSS
sogaitisjones@miemss.org
www.miemss.org/home/emsc/cps

PEMAC UPDATE – July 2, 2025
The CPS & OP Healthcare Project

- Helped teach 2 days of the Child Passenger Safety Technician certification course in LaPlata to 8 students.
- Helped conduct a display on CPS and pediatric vehicular heatstroke for Safe Kids Baltimore/UMMC at the “Stop the Bleed” Day on May 22nd at Martin State Airport. About 600 high school kids attended.
- Helped conduct a display on child passenger safety at Univ MD Medical Center on May 28 along with Safe Kids-Baltimore.
- Conducted an interactive display/game on CPS (as well as the PVH temperature display) at the MD State Firefighter’s Convention, June 15-17, reaching about 750 people.
- Coordinated a webinar, “Bump Ahead: Ensuring Maternal and Fetal Safety on the Road” on May 6. 103 attended. (nurses, EMS and CPSTs; most desired CEUs). Evaluations were very positive. Webinar is archived at www.miemss.org/home/emsc/cps and CEUs are still available.
- Conducted a training for nurses in MCH, ED and peds at the Adventist White Oak Medical Center on June 24. About 30 attended and they received car seats to start their participation in our emergency car seat program.
- Helped at a car seat check and distribution event at Mt Washington Pediatric Hospital on June 6th. Senior-checked one CPST and checked 3 cars/3 families.
- Helped at a car seat check event at the Salisbury Fire Dept on June 18.
- Lent MIEMSS’ two outdoor temperature displays educating on pediatric vehicular heatstroke four times since the last PEMAC meeting. Several reservations were cancelled or rescheduled due to rain.
- Continued to provide car seats for needy families, giving out 25 car seats to 7 different hospitals (9 departments). Receiving agencies are primarily mother-baby units in hospitals, but also EDs, NICUs, Peds, and Safe Kids-Maryland partners.
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- ↪ The promotional flyers for regional car seat checks are available from MD KISS, online at: MDH.kiss@maryland.gov
- ↪ CPS Technician certification courses for 2025 are posted and registration is open. Go to www.cert.safekids.org for details or to sign up.
- ↪ This grant can pay registration fees for healthcare clinicians who apply & are pre-approved.

For information, contact Susanne Ogaitis-Jones, MSPH, CHES, CPST/I
cps@miemss.org or sogaitisjones@miemss.org, Phone: 410-706-8647



CPS for Children

*Child Passenger Safety and
Occupant Protection Health Care Project*

Child Passenger Safety Update– Summer 2025

- 1) **A lot of non-approved car seats are being purchased and used by caregivers.** They buy these mostly through online vendors who sell “knock-off” seats at a great discount, but the seats don’t meet U.S. federal safety standards and may not be safe. Some seats meet foreign regulations, but not the U.S. standards. See attached handout (in English and Spanish) to help identify approved vs non-approved seats. For more in-depth learning, listen to the webinar, “Fake, Foreign or Fine?” found at www.miemss.org/home/emsc/cps (scroll down to “webinars”).
- 2) As of June 1st, four children in the U.S. have died from **Pediatric Vehicular Heatstroke**. One of these recent cases occurred in Silver Spring where a parent forgot the child was in the car.
Educate caregivers to never leave their child alone in a car, and to lock unused vehicles. See attached materials; posters are available: email cps@miemss.org
- 3) Nurses seeking a contact hour from the Maryland Nurses Association, Maryland EMS clinicians, or Child Passenger Safety Technicians can listen to a new webinar, “**Bump Ahead: Ensuring maternal and fetal safety on the road**” and answer/pass a 10 question quiz to obtain the continuing education credit. Go to <https://youtu.be/5Gc8lAlxnJw>.
- 4) Want to learn from experts about **safe transport for children with disabilities**? See the attached flyer about a free workshop on Wednesday July 30, 8:00 – noon, in Howard County.
- 5) **Free personal assistance with your car seat, your child’s fit in it, and installation in your vehicle** is available all over the state of Maryland. Go to www.mdkiss.org to see the master calendar or to download the regional schedules and registration for check up events. Alternatively, call 410-767-6016 or email: MDH.kiss@maryland.gov
- 6) Want to help check families’ car seats? **Become a certified Child Passenger Safety Technician!** Certification courses are scheduled around the state, and a limited number of free registration fees are available. Contact cps@miemss.org for an application.

Special Transportation Considerations for Children: a Workshop for Safety Advocates and CPSTs



Wednesday, July 30, 2025 **8:00 am – 12:00 pm**

Fifth District Fire Station, 5000 Signal Bell Lane
Clarksville, MD 21029

To Register:



Sessions and case studies will include: Using the Evenflo Waiver Process for a car seat modification for a child with a meningocele; applying for Medicaid coverage for an adaptive seat; car seats & tips for the tiniest babies; failing the Car Seat Tolerance Screen—what's next?; restraint options for casted children; safe travel for a child with tetraplegia and neuromuscular scoliosis. Hands-on and installation time.

Workshop leaders: Elizabeth Farrell, PT, CPST, and Scott Frampton, MS OTR/L, CPST from Kennedy Krieger Institute; Creason Walter, MPH, CHES, CPST, and Justine Gately, MAT, CPST/I from Johns Hopkins Children's Center, Department of Pediatric Trauma; Lauren Deaver, OTR/L, CPST, Rubin Institute for Advanced Orthopedics at Sinai Hospital; Julie Siejack, RN, CPST/I, Upper Chesapeake Health System and UM St Joseph's Medical Center.

Who can attend: clinicians who work with children with disabilities, drivers, caregivers, Child Passenger Safety Technicians (or former CPSTs), safety advocates, foster or day care providers, and others.

This workshop is free.

Continuing Education: Safe Kids Worldwide has approved attendance at this full workshop for 3 CEUs towards CPST recertification.

Questions? Contact Susanne at the MIEMSS CPS & OP
Healthcare Project, 410-706-8647 or cps@miemss.org

