



Pediatric Emergency Medical Advisory Committee

July 3, 2024 @ 9:30 AM to 12:00 PM

653 West Pratt Street - Room 212 Baltimore, MD 21201

Type of meeting:	Business meeting 9:30 AM -12:00 PM	
	Option to join remotely for this meeting is the standard PEMAC link , see below: Web & Audio: https://global.gotomeeting.com/join/428040181 Phone In: United States: +1 (786) 535-3211 Access Code: 428-040-181	
Member & Liaison Attendees	Mary Ellen Wilson, RN; Richard High, EMT; Christopher Truitt, NRP; Yonnia Waggoner, RN; Cynthia Wright-Johnson, RN; Jennifer Anders, MD; Danielle Joy, RN; Susanne Ogaitis-Jones MSPH CPST; Scott Legore NRP; Rob Carter RN; Bruce Klein MD; Meg Stein NRP; Corina Noje MD; Steve White MD; Karen O'Connell MD; Suzanna Martin MD; Jill Dannenfelser RN; Elizabeth Berg RN; Richard Lichenstein MD; Andrew Robertson NRP	
Guests:	Jennifer Guyther MD; Jennifer Fritzeen RN; Debra Skultety-Robinson RN	
RSVP regrets:	Laurel Moody, RN; Kathleen Brown MD; Jennifer Denault RN;	
July 3, 2024 Agenda & Approved Minutes		
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. May 2024 Minutes reviewed with motion to approve made by Rob Carter and second by Bruce Klein, unanimous support. 2. 2024 Meeting Schedule has been posted with e-appointments sent to all members <input type="checkbox"/> September 4 2024 with Safe Kids Maryland Forum <input type="checkbox"/> November 6 2024 with Research Forum 3. Membership requirement is at least 3 meetings in person. 4. New Membership: recruiting ENA Liaison 5. 2025 PEMAC dates discussed with January 1 st being New Year's Day an alternative date will be determined.	Rick High EMT Cyndy Wright Johnson RN
9:45 AM	PEMAC May 2024 Consent Agenda: Unanimously Approved 1. EMSC & Safe Kids Update – handout 2. EMSC Education Update - handout 3. 2024 Educational Conference List – handout 4. CPS Grant Update – handout 5. Injury Prevention updates & links listed within the agenda	EMSC Department Staff Team
10:00 AM	Maryland Protocols for EMS Providers – 2024 & 2025 1. 2024 Protocol online document is posted and available @ https://www.miemss.org/home/ems-providers/protocols 2. Binder copies are available and delivered to EDs & EMS offices. Spiral copies will be available for purchase. There is no pocket protocol in 2024. The online mobile version is live and hypertext links coming soon. APP is under final testing. 3. EMS Clinician Protocol Updates BLS & ALS are located in the OnLine Training Center @	Meg Stein NPR

	<p>https://www.emsonlinetraining.org/login/index.php</p> <ol style="list-style-type: none"> 4. Base Station 2024 MIEMSS Protocol Update @ https://www.youtube.com/watch?v=CvfZ79LBXW0 5. July Protocol / Procedure discussion: <ul style="list-style-type: none"> 📎 IO Procedure – discussion of mechanical devices with input from both EMS & ED members who have using either or both mechanical devices. Driver and drill are used in training interchangeably. 📎 IO Procedure - PEMAC discussed the anatomical locations and age recommendations for insertion site for IO needles. Available training manikin resources for femoral sites will be explored. Members asked to discuss IO recommendations based upon estimated gestation with neonatal transport teams 📎 Humeral site to be discussed with trauma teams and recommendations brought to September meeting 📎 IO protocol procedure layout reviewed for formatting and potential for chart by age discussed. Small workgroup will report at September meeting. 📎 Afternoon working meeting on Trauma & Burn reference posters to reinforce protocol changes & 2024 reference card 6. New protocol proposals for fall discussion briefly introduced by Children’s National transport team. Written proposals with ROL, data specific to utilization and financial impact needs to be submitted to PEMAC before the next PEMAC protocol subcommittee meeting August 7. <ol style="list-style-type: none"> a) Normal Saline vs Ringers Lactate b) Expanded use of antimicrobial agents 	Jen Anders MD
10:15 AM	<p>Maryland EMSC Department & SP Grant Updates: PM 1.0 National Pediatric Readiness Project (NPRP)</p> <ol style="list-style-type: none"> 1. Pediatric Nurse Champion Forum – July 10th @12 Noon with Cindy Colson DNP RN presenting on Child Abuse assessment and reporting. ENPC and MD EMSC posters have been distributed to those hospitals that have requested them. Forum handouts are available in Sharefile for the Champions and will be on a NEW Pediatric Readiness website once posted by Media Support. 2. Pediatric Physician Champion Forum – July 31st @ 12 Noon will include an update on recent PEM research topic(s). 3. ENA by the Bay Feedback: verbal feedback for both the pediatric preconference 5/9/24 and main conference was positive. Thank you to the CNH, JHCC, UMMS pediatric transport teams for conducting pediatric transport handoff simulations during the preconference to small groups. 4. Pediatric Transfer checklist – for community hospitals. 2024 potential work group and template for simulations based upon ENA by the Bay preconference. 5. CPEN Course will be held September 18th & 19th @ Tidalhealth before their Trauma Conference (Salisbury). Flyer has been distributed at ENA and to Peds ED Champions. 	Mary Ellen Wilson RN Jen Anders MD

<p>10:45 AM</p>	<p>6. Pediatric Readiness for ED & Hospitals: Maryland proposal for three levels for voluntary recognition process</p> <ul style="list-style-type: none"> ☐ Pediatric Ready ED – complete most recent NPRP Assessment and meet essential elements in the NPRP checklist ☐ Pediatric Resource Hospital- additionally, inpatient pediatric capability including 24 hour observation adjacent to the ED/ PED ☐ Comprehensive Pediatric Hospital – additionally, PICU and NICU capabilities <p>Criteria (from NPRP)</p> <ul style="list-style-type: none"> ☐ Coordination: Pediatric Champion nurse and physician ☐ Staff Training and Competencies: Description of current practice. EMSC goal is to make ENPC courses more accessible and seeking stipends for those who complete the course. ☐ Quality Improvement: Metrics & Plan ☐ Patient Safety: Weight in KG and VS documentation and notification (examples) ☐ Policies and Procedures: listed in 2018 NPRP with prioritization ☐ Equipment & Medications: as listed in 2018 NPRP specifying location in hospital ☐ Support Services: Lab, radiology, subspecialists in medicine and surgery <p>PM 2.0 – Prehospital EMS Pediatric Readiness (NPPRP)</p> <ol style="list-style-type: none"> 1. Pediatric EMS Champions Forum– July 17 @ 1 PM 2. NPPRP – Launched 5/1/2024. Maryland has 89% completion as of June 30th 2024 with outreach to the last three EMSOP ongoing. 3. PEPP instructor/ coordinator development and medical director development within courses for fall on October 18, 2024 in Washington County FRTA and spring to be scheduled. 4. Winterfest and Miltenberger pediatric preconference workshops will focus on Pediatric Readiness and the EMSC PM focus on skills and scenarios. <p>MIEMSS EMSC Updates and Current Projects</p> <ol style="list-style-type: none"> 1. BLS Committee update: Expiration dates for EMT will be January 31st and July 31st annually to allow for notifications that are not around holidays. 2. ALS Committee update: new state renewal content has been posted in the Online Learning Center. 3. Pediatric Reference Card 2024 – 8K distributed by 6/30/2024 4. Pediatric Reference Assessment Poster – Printed and ready for distribution 5. Pediatric HPCPR video – for drills and workshops: <ul style="list-style-type: none"> ♥ Posted on You Tube - https://www.youtube.com/watch?v=3qG3N8kSi8 ♥ The CE module has been updated on the MIEMSS Online Training Center. ♥ Champions have the updated scenarios and skills checklists 	<p>Danielle Joy RN NRP</p>
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	<p>MIEMSS EMSC Department updates:</p> <ol style="list-style-type: none"> 1. C4Pediatrics closed on June 18, 2024 due to the end of funding. There is a plan to reopen if there is funding and a surge. 2. Research and Pediatric DART <ol style="list-style-type: none"> a) QI Metrics development was the focus of the June meeting. MPH/ MD student lead a Delphi voting process to prioritize metrics and begin to establish targets. b) PediDose & PediPART partnership between CNH/ PGF&EMS – no updates at this time. 	Jen Anders MD
11:00 AM	<p>📍 PM 03: Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. 2024 Steps to Safety – June 2024 @ MSFA Convention <ol style="list-style-type: none"> a. Babysitting course (4 hours) and How To (90 minutes) b. Revamp the 9-1-1 display and discuss “Make the Right Call” nomenclature in partnership with Ocean City c. Looking for new adult leads especially for Fire & Burn d. Medication display needs update on Edibles – will work with MPC and NCPC 2. Update from National FAN (EICC work) – none at this time. 	Lisa Wilson EMT Mary Ellen Wilson RN
11:10 AM	<p>📍 PM 04: Disaster Preparedness</p> <ol style="list-style-type: none"> 1. Regional HCC committees Region 3 will be focused on updating the Surge Annex in 2024 Region 5 is hosting HPP Pediatric Table top on August 21st for three committees: Maryland, DC and Northern VA. Region 4: has a new coordinator, contact needed. 2. TEEX Pediatric Course request – working with MDH & MHA 3. National Pediatric Pandemic Network – Podcasts launched @ https://pedspandemicnetwork.org/ready-prep-go/ 	Rob Carter RN NRP Cyndy Wright Johnson RN
11:15 AM	<p>Maryland Organizations & Committees</p> <ul style="list-style-type: none"> 📁 AAP Updates www.mdaap.org no update, annual educational meeting will be Saturday September 14, 2024 📁 ACEP Updates - www.mdacep.org – disappointed that C4Pediatric has closed. 📁 ENA Updates - www.mdena.org – national conference will be the first week in September, MidMaryland conference will be November 8th at Holy Cross. See list of conferences for links and updates. 📁 SCHOOL HEALTH Updates: none at this time. 📁 Maryland Center for School Safety: Annual Conference is July 17th https://schoolsafety.maryland.gov/ 📁 Critical Care Updates: National conference list provided. The AAP Section on Transport Medicine will host their biannual course in Orlando. 📁 Commercial Ambulance Service Advisory Committee no update 📁 Jurisdictional Affairs Committee (JAC @ MIEMSS) no update <p>Please see written summary of submitted reports</p>	Bruce Klein MD Suzanna Martin MD Vacant Laurel Moody RN Liz Berg RN Corina Noje MD Jill Dannensfelser RN Rick High EMT & Chris Truitt NRP

11:30 AM	Injury Prevention Sub Committee & Updates 1. EMSC: CPS & OP Healthcare Project (Maryland DOT cps@miemss.org) <ul style="list-style-type: none"> a. Sept 16th Webinar: Cots and Crashes b. Outdoor Temperature displays are in use and bring focus to the impact of extreme heat inside of a vehicle. c. Hospital partners continue to have needs for car seats for families in need (financial or sudden crash). Mile One Auto has partnered with Maryland KISS to provide seats within specific areas. 2. Bike Helmet Safety Grant bikesafety@miemss.org has concluded after 7 years of helmet distribution. EMSC & Safe Kids will continue to promote Bike Safety education and work with MHSO and other partners. 3. Safe Kids 2024 Meetings following PEMAC: September 4, 2024 4. Public Fire & Life Safety Educator Seminar – March 22, 2025 @ MFRI HQ in College Park planning is progress. 5. Mid-Atlantic Life Safety Conference – November 3 & 4 2024 new dates and location. Registration will open soon. 6. Maryland Risk Watch/ MSFA –Full typed report is available 7. Partnership for Safer Maryland www.safermaryland.org – data webinars throughout the spring are free & archives to be posted. 8. American Trauma Society (MD Chapter): met March 20,2024 and will meet in September. 9. TraumaNET – May 23, 2024 STOP the Bleed Day was very successful.	Susanne Ogaitis Jones MSPH Cyndy Wright Johnson RN
11:45 AM	Old Business – there was no old business	Committee
11:50 AM	New Business 1. 2025 PEMAC Membership Updates discussion: proposed changes for members within PEMAC: <ul style="list-style-type: none"> ↪ add a jurisdictional EMS Operational Medical Director ↪ add an emergency nurse representing the Pediatric Nurse Champions ↪ clarifying the BLS and ALS EMS representative be Pediatric EMS Champions (currently they are both active Champions) ↪ adding a liaison from state Child Fatality Review replacing the rehabilitation professional (a liaison never filled) 2. Publications none noted 3. Honors and Awards none noted 4. Other new business none noted	Committee
12:00 Noon	Networking Lunch Distribution of Pediatric Readiness Assessment Poster for EMS & ED (2024 revised version)	Committee
12:30 PM – 1:30 PM	Protocol updates will be done in PEMAC business meeting Afternoon Forum will focus on the development of Pediatric Reference tools for: Pediatric Trauma & Burn All are welcome	Committee

EMSC Meetings and Education	<p align="center"> Pediatric EMS Champion Forums – July 17 @ 1PM Pediatric Nurse Champion Forums – July 10 @ 12 Noon Pediatric Physician Champion Forums – July 31 @ 12 Noon CPEN Review Course: 9/18-19/2024 @ Tidalhealth Peninsula in Salisbury MD </p>	
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Next September 4, 2024

9:30 AM – 12:00 Noon PEMAC Business Meeting

12:00 – 12:30 Networking

12:30 – 3:00 PM Safe Kids Maryland/ Risk Watch Coalition Meeting

State PEMAC meetings are held at the MIEMSS Central Office. If you would like to participate through web base meeting, a recurring GoToMeeting link has been created. In-person attendance is required at 50% (3) meetings annually to meet the EMSC State Partnership Grant metrics.



Pediatric Emergency Medical Advisory Committee

July 3, 2024

653 West Pratt Street - Room 212 Baltimore, MD 21201

Type of meeting:	12:30 – 1:30 PM Working Session on Pediatric Reference Tools	
	Option to join remotely for this meeting is the standard PEMAC link , see below: Web & Audio: https://global.gotomeeting.com/join/428040181 Phone In: United States: +1 (786) 535-3211 Access Code: 428-040-181	
Member & Liaison Attendees		
Guests:		
12:30 PM – 1:30 PM	<p style="text-align: center;">Afternoon Forum will focus on the development of Pediatric Reference tools for:</p> <p>Content for Poster to consider:</p> <p>1. BURN</p> <ul style="list-style-type: none"> a. Palmar Method b. Criteria for Burn Center direct transport or ED transfer (from Protocol) c. Map of 4 burn center locations with Panda on the two pediatric ones d. Any language on fluids e. Other content <p>2. Trauma</p> <ul style="list-style-type: none"> a. Maryland Trauma Decision Tree 2023 b. Peds GSC c. C Spine collar criteria d. C Spine PECARN Rule e. Head CT Guidance for under 2 and over 2 (Illinois has a great graphic) f. Do we address PECARN Abdominal CT recommendations – in graphics g. TEN-4_FACESp graphic that is in public domain h. Other content 	Committee
Project timeline:	<p>Proposed:</p> <p>July 3 2024 – draft with PEMAC</p> <p>July 10th – rough draft to both of centers and PEMAC</p> <p>July 15th – Comments due</p> <p>July 17th – Send to Graphic artist for development</p> <p>August 1st –Version1 Proof from Graphics team</p> <p>August 1st - Circulate and send to a small group of Peds Champions</p> <p>August 12th – Comments due</p> <p>August 14th – send final revisions (if any) to graphics</p> <p>August 28th sent to printing for 2000 copies (laminated to meet infectious disease guidelines).</p>	Cyndy Wright Johnson
	<p style="text-align: center;">Final Comments and Safe Travel Home</p> <p style="text-align: center;">THANK YOU to all</p>	



Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



Maryland EMS for Children Department Update: July 2024 Update

Advocacy:

- **Right Care When It Counts & Star of Life:** Five children & youth received Right Care recognitions in 2024.
- **Bike Safety Grant** (MHSO funded) has concluded after 7 years. Bike Safety remains a priority for both in person and social media education.
- **Child Passenger Safety Grant:** EMS Supervisor Vehicle – 3 in 1 Car Seat project continues to have training and car seats available for EMSOP to use for non patient transport of children when they are not able to be left with a responsible adult. Feedback is requested for those already involved in this project.

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/>
- ✂ Pediatric EMS interactive scenarios “Sim on the Go” are available through Pediatric EMS Champions with Trauma and Medical scenarios available
- ✂ **2024 EMS Conferences** dates have been finalized with topics & faculty planning ongoing.
 - 📅 **CPEN review course:** @ Tidalhealth Peninsula Medical Center September 18 &19, 2024 (registration opening soon)
 - 📅 **Pediatric Readiness** preconference workshops are being planned for Winterfest & Miltenberger 2025

2024 Pediatric Readiness/ Champion forums and meetings are scheduled (and attached):

- July 10, 2024 Pediatric Nurse Champion Forum at 12 PM (virtual)
- July 17, 2024 Pediatric EMS Forum at 1:00 PM (virtual)
- July 31, 2024 Pediatric Readiness Physician Forum is @ 12 Noon (virtual)

	<p>National EMSC Updates: EMSC is 40 Years Young this year!</p> <ol style="list-style-type: none"> EMS Assessment on Pediatric Readiness- launched May 1, 2024. EMSC EIIC: EMSC Reauthorization Act (HR6960) passed in the House of Representatives on May 15, 2024 with a companion Senate Bill (S.2765) in committee. EIIC Webinar: Prehospital Pediatric Airway Management: Past Present & Future is now archived online https://emscimprovement.center/education-and-resources/webinars/
	<ol style="list-style-type: none"> Pediatric Pandemic Network Announces New National Collaborative to Improve Pediatric Disaster Response- https://pedspandemicnetwork.org/ Pediatric Disaster Centers for Excellence have also launched a new 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"> 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 is representative of Maryland’s diversity. FAN: Committee is expanding and welcome new members. Baby Sitting course was offered at the MSFA Convention in June. C4 Pediatrics closed on June 18th 2024 with the end of CDC funding.
	<ul style="list-style-type: none"> 🔗 CPS Healthcare Project: CPS Technician courses for 2024 have been posted – https://cert.safekids.org/become-tech . Specific training is available - contact cps@miemss.org. CPS Webinars are posted on MIEMSS website & YouTube accounts. (MHSO grant funded). 🔗 Bike Safety Project: MHSO closed 6/30/24. 🔗 Safe Kids Maryland & EMSC FAN Project: Safe Sleep displays are now in 27 EMSOP and 20 Safe Kids & ENA locations. 🔗 Risk Watch Update – “Steps to Safety” @ MSFA Convention was well received. Ocean City PSAP joined the team to lead 9-1-1 Education. Looking for leadership for Burn & Fire Safety. 🔗 Safe Kids Maryland – meets on September 4, 2024 at 12:30 following PEMAC. All are welcome to join.



Maryland EMS For Children

2024 EMS, EMSC &
Life Safety Educational Conferences



CPEN Review Course: September 18 & 19, 2024

Tidalhealth Education Center, Salisbury Maryland

<https://eecreg3.wufoo.com/forms/cpen-review-course-september-2024/>

Tidalhealth Trauma Conference: September 20, 2024

Tidalhealth Education Center, Salisbury Maryland

www.tidalhealth.org/trauma-conference

Registration opened 7/2/24 for both in person and virtual participation

MNA and EMS credits submitted

Metro Baltimore ENA Chapter Seminar: October 25, 2024

More information and registration link coming soon

65th MidAtlantic Life Safety Conference: November 3 & 4, 2024

BWI Airport Marriott Hotel, Linthicum Heights Visit <https://www.fabscom.org/about-5-6>



Mid Maryland ENA Memorial Conference: November 8, 2024

Holy Cross Hospital, Silver Spring Maryland

More information and registration link coming soon



Public Fire and Life Safety Educator Seminar: March 22, 2025

MFRI HQ in College Park MD

More information and registration link coming in the fall

pediatric Readiness preconferences for Winterfest & Miltenberger 2025 are in planning.



Information will be included in flyers and brochures.

EMS Care 2025 (there will not be an EMS Care in 2024)

Stay Tuned for new information & locations



This star indicates a new conference posting. More conferences & seminars will be added as dates are finalized

Please email educational event dates to the EMSC office at pepp@miemss.org.

To reach the Maryland EMSC office, please call 410-706-1758.

Email: Education to pepp@miemss.org and CPS & OP information to cps@miemss.org

As of July 1, 2024



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

PEMAC UPDATE – July 3, 2024
The CPS & OP Healthcare Project

- Conducted a display on child passenger safety at the National Association of Pediatric Nurse Practitioners' annual Maryland meeting on May 2, and another display at the Emergency Nurses Association annual conference on May 10th.
- Taught three classes at a tech high school in Leonardtown to about 75 healthcare and engineering students. Covered occupant protection and crash dynamics.
- Helped teach three national CPS certification courses: May 8 in LaPlata, June 4-5th in Cumberland, and June 25th in Forest Hill/Harford County. 22 students attended.
- Helped conduct an interactive exhibit at the Maryland Highway Safety Summit on May 13th, and attended the all-day sessions.
- Helped Safe Kids-Baltimore with a display at Univ of Maryland Midtown Hospital on May 9th.
- Conducted a training for key ED staff members at Medstar Good Samaritan Hospital, and gave them a few car seats to distribute in emergency situations.
- Sponsored an exhibit on booster seats and occupant protection at the Maryland State Firemen's Association Convention, June 16-18, as part of the Safe Kids/Risk Watch Room.
- Hosted Dr. Janet Bahouth giving a presentation at the Maryland State Firemen's Association Convention, June 18. This was attended by about 25 EMS/FF.
- Assisted at 3 seat checks: Oldtown FD/Baltimore on 5/3, Heritage Toyota Owings Mills on May 19, and Long Green VFD on May 28. Provided senior check services to 5 CPSTs.
- Created a new 11 x 17" poster on booster seats to accompany the two page flyer. Had each translated into Spanish.
- Gave a Graco Slim Fit all-in-one car seat to Talbot EMS who had a recent need for a seat to use in a non-emergency transport situation.
- Lent the temperature display(s) to 5 agencies including taking it to Fox45news (Baltimore) where it was used in a live interview with Chrissy Nizer of MDOT.
- Gave 25 car seats to 10 agencies since May 1, 2024 for distributing to needy families. These agencies are primarily mother-baby units in hospitals, but also EDs, NICUs and Safe Kids-Maryland partners.
- Advanced the project with Mile One Cares and MD Kids in Safety Seats to have a new car seat distribution program where Mile One provides the seats. Invited the 4 interested hospitals (JHCC, Mercy Medical, Medstar Harbor & St Agnes) to participate in the first event on June 30th.

- ↪ The promotional flyers for regional car seat checks can be found at www.miemss.org/home/emsc/cps. Sign-ups for appointments can also occur at www.MdKISS.org
- ↪ CPS Technician certification courses are scheduled for 2024 at various dates and locations across Maryland. Go to www.cert.safekids.org to see the schedules or to sign up.
- ↪ This grant can pay a few registration fees for healthcare clinicians who apply and are approved.

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