



Pediatric Emergency Medical Advisory Committee

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

**653 West Pratt Street – Room 212
Baltimore, MD 21201**

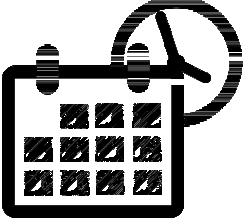
Type of meeting:	Pediatric Emergency Medical Advisory Committee Business meeting 9:30 AM -12:00 PM <i>Maryland Pediatric EMS Champion Forum moved to 1/10/24 @ 10 AM</i>	
Go To Meeting links:	Option to join remotely for this meeting is the standard PEMAC link , see below: Web & Audio: https://global.gotomeeting.com/join/428040181 Phone In: United States: +1 (786) 535-3211 Access Code: 428-040-181	
Member & Liaison Attendees	Mary Ellen Wilson RN; Jill Dannenfelser RN; Yonnia Waggoner RN; Laurel Moody RN; Elizabeth Berg RN; Richard Lichenstein MD; Rob Carter RN; Andrew Robertson BS NRP; Cyndy Wright-Johnson RN; Jennifer Anders MD; Danielle Joy RN; Susanne Ogaitis-Jones MSPH, CPST; Daniel Ochenschlager MD; Bruce Klein MD	
Virtual:	Anand Budi MD; Karen O’Connell MD; Suzanna Martin MD; Lisa Wilson EMT; Christopher Truitt BS NRP; Jennifer Denault RN; Melissa Delgado FF/NRP; Mary Alice Vanhoy RN; Scott Legore NRP	
Guests:	Jennifer Guyther MD; Emily Dorosz RN	
RSVP regrets:	Richard High EMT; Sue Catterton	
January 3, 2024 Agenda & Minutes Approved		
9:30 AM	Welcome & Introductions 1. Member Roll Call and brief introduction of visitors & guest: Suzanna Martin, MD PhD is the newest member to join PEMAC as the liaison from Maryland Chapter of ACEP. She is a pediatric emergency medicine physician working at Shady Grove Adventist Hospital and is the treasure of the Maryland ACEP Chapter. Chris Truitt, BS, NRP, CPSL is the new ALS Representative from JAC with Jen Andrews moving to alternate for JAC ALS. Chris is the Assistant Chief for EMS in Salisbury Fire Department and one of the two Pediatric EMS Champions for Salisbury Fire/EMS. 2. Quick Review of Go To Meeting functions 3. List of Documents, Liaison & Committee Reports	Cynthia Wright Johnson RN
9:35 AM	PEMAC Business: 1. Review of November 2023 Minutes: Motion to approved made by Jill Dannenfelser and seconded by Laurel Moody with unanimous approval. 2. 2024 Meeting Schedule has been posted and e-appointments sent to all members. Reminder that the May meeting (5/1/2024) is an in person only meeting as recommended by PEMAC in 2021. Membership requirement is to attend at least 3 meetings in person. 3. Updates: Pediatric Champion Forums in January (see attached) EMS Champion Forum - 1/10/24 @ 10 AM–12 Noon Nursing Champion Forum – 1/10/24 @ 3:30 – 5PM Physician Champion Forum – 1/31/23 @ 12 – 1 PM	Rich Lichenstein MD Cyndy Wright Johnson RN

9:45 AM	<p>PEMAC January 2024 Consent Agenda:</p> <ol style="list-style-type: none"> 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	<p>Maryland Protocols for EMS Providers – 2024 Updates Protocol Review Committee – summary from 11/2023</p> <ol style="list-style-type: none"> 1. Language Line protocol (new) - reminder that all PSAPs in Maryland have access and should use them rather than minors/ family members doing translation. 2. Overdose/Poisoning: Carbon Monoxide – revision of the criteria and contraindications (patients with burn and/or trauma refer to those protocols and transport to designated center). 3. RSI (Adult/ Pediatric) revisions with Ketamine as primary and Etomidate as back up 4. Burn protocol revisions approved adult fluid updates, pediatric recommendations were incorporated in previous years. The Carbon Monoxide protocol will be separated with burn referral. 5. Whole Blood Protocol – addition of Calcium after 1st unit of whole blood. Pediatric dosing for Calcium chloride was approved as 20mg/kg. 6. Dive Medicine OSP – approved (adult only) 7. MIH Pilot – specific to rural county need to laboratory samples and obtain an EKG as part of follow-up due to distance and transportation difficulties for patients. Procedures would be preplanned and done under consultation with a licensed physician or AAP. (Approved) <p>2024 New protocols for discussion: (July implementation)</p> <ol style="list-style-type: none"> 1. TXA: recommendations from the PEMAC Protocol Subcommittee for pediatric dosing and age breakdown: <table border="1" data-bbox="354 1201 1159 1411"> <tr> <td>0-4 years of age - call for MC</td> </tr> <tr> <td>5-11 years of age: 500 mg infusion</td> </tr> <tr> <td>12-14 years of age: 1 g infusion (same as adults)</td> </tr> <tr> <td>Indications: for traumatic injury with shock (SBP < 90 or < 70 + 2xage)</td> </tr> </table> 2. ECMO contacts for pediatric centers will be added to the protocol document with understanding that these centers are currently only in the metropolitan areas. 3. March meeting will have full list of 2024 changes as approved by EMS Board/ SEMSAC January meeting 	0-4 years of age - call for MC	5-11 years of age: 500 mg infusion	12-14 years of age: 1 g infusion (same as adults)	Indications: for traumatic injury with shock (SBP < 90 or < 70 + 2xage)	Jen Anders MD Meg Stein NPR
0-4 years of age - call for MC						
5-11 years of age: 500 mg infusion						
12-14 years of age: 1 g infusion (same as adults)						
Indications: for traumatic injury with shock (SBP < 90 or < 70 + 2xage)						

	<p>5. Pediatric Ready EMS recognition – discussions started in the fall with the Champions and will be the focus of the fall work after the HRSA EMS National Prehospital Pediatric Readiness Project Assessment (NPPRP). The assessment (extensive survey) will be May – July 2024. In person training planned for April 24, 2024.</p> <p>Discussion: Liz Berg raised concerns specific to community hospitals request for pediatric transfers and complete patient presentations that sometimes lead to interfacility teams arriving without the correct staffing mix. She recommended training similar to APLS / NRP on both types of pediatric equipment and procedures.</p> <p>MIEMSS EMSC Updates and Current Projects</p> <ol style="list-style-type: none"> 1. BLS Committee update – No Report 2. ALS Committee update – working on ALS content for renewal 3. Pediatric Reference Card for 2024 has been drafted with graphics being updated this month. Goal is for distribution at the spring conferences and then to have the Pediatric EMS Champions distribute locally. 4. Pediatric Reference/ resource Posters will follow the graphics within the reference card. 5. Pediatric HPCPR video update with new best practices and – for drills and workshops. To be posted on MIEMSS You Tube and made available to the Champions through Share File. This video has accompanying Pediatric HPCPR Skills and Scenarios to support EMSOP meeting the federal EMSC Performance Measures. 6. Pediatric Transfer checklist – for community hospitals. 2024 potential work group <p>MIEMSS EMSC Department updates:</p> <ol style="list-style-type: none"> 1) C4Pediatrics continues to be staffed with paramedics and pediatric specialty physicians. The volumes through the fall/ winter have not mirrored 2022. Calls continue to come in requesting assistance in locating pediatric inpatient and PICU beds. The funding process is changing and a new fiscal model is under development. 2) Research and Pediatric DART- February meeting will focus on Pediatric RSI review, Pediatric Airway procedure data evaluation. April meeting will include Cardiac Arrest quality measure and the annual CARES report review. 3) PediDOSE research project in Prince George’s county is still awaiting the randomization process in this national study. Education has been completed and will be reviewed with all EMS before enrolling patients. 	<p>Jen Anders MD</p>
--	---	----------------------

11:00 AM	<p>📁 PM 03: Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Right Care Awards for 2024– nominations open & Champion challenge (DUE March 29, 2024) 2. Letter & Interest form to expand the FAN committee to be representative of the citizens of Maryland has been updated and will be shared in each region. 3. Standard FAN Meeting May 1, 2024 is schedule. Additional meetings will focus on specific tasks and planned for first Monday's at 11 AM as needed. 4. 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. 5. Update from National FAN (EIIC work) Next meeting in March. 6. Region 3 Pediatric Subcommittee is interested in family reunification examples from other states. There is a resource within Maryland HHS with their data base for families. 	<p>Lisa Wilson EMT</p> <p>Mary Ellen Wilson RN</p>
11:10 AM	<p>📁 PM 04: Disaster Preparedness</p> <ol style="list-style-type: none"> 1. Region 3 Pediatric Subcommittee HCC includes representatives from JHCC, UMMS, CNH, HCC leadership, MDH OP&R, EMSC and MHA Hospital Preparedness team. Meetings are bimonthly on fourth Friday of the month. 2. Region 1 & 2 Pediatric Table top in November involved all four EMSOP and the hospitals. The scenarios was an explosion at the Children’s Museum. The teams reviewed the Pediatric Annex as part of the table top and will meet in 2024 for updates. It is clear that out of region and out of state resources will be utilized with a large number of pediatric patients. Pediatric Transport team input will be included in the next drill. 3. Region 4 Pediatric Table top will be held in Salisbury in January. 4. Region 5 HCC meets separately from NCR with overlapping membership. 5. National Pediatric Pandemic Network townhall was held on 12/5/23. Archived recording is not yet available. 	<p>Rob Carter RN NRP</p> <p>Cyndy Wright Johnson RN</p>
11:20 AM	<p>Maryland Organizations & Committees</p> <p>📁 AAP Updates www.mdaap.org</p> <ol style="list-style-type: none"> 1. MD AAP host a multiagency webinar on the new policy statement “Critical Health Information for children during Emergencies: EIF” it was recorded and the planning group is still meeting to discuss implementation in Maryland. 2. MD AAP has a small grant focused on providing education to primary care through a Disaster Ambassador Project. 3. SEMSAC update: protocol was presented to pilot the use of telemedicine for low acuity patient management (adults) in Baltimore City. <p>📁 ACEP Updates - www.mdacep.org –Annual Maryland ACEP conference will be on April 11 2024 @ UMMS. Their legislative reception is scheduled in January.</p> <p>📁 ENA Updates - www.mdena.org</p>	<p>Bruce Klein MD</p> <p>Suzanna Martin MD</p> <p>Yonnia Waggener & Emily Dorosz for the</p>

	<ol style="list-style-type: none"> 1. MidMaryland Chapter meeting on 1/10/24 will include a lecture & activity on Pediatric Disaster Triage. 2. ENA by the Bay will be May 9 (Pediatric Preconference) and May 10th in Annapolis. Online brochure will be available soon. <p>📌 SCHOOL HEALTH Updates:</p> <ol style="list-style-type: none"> 1. Dr. Jamie Perry shared the Naloxone form and policy are being updated to streamline reporting and increase data collection. And the school health program has a new nurse manager starting this month, Jasmin Whitfield. 2. January 29th is the first in a series for School Health Nurses entitled “Ask A Pediatrician” in partnership with Maryland AAP. 3. Newly formed Diabetes work group will have a second meeting on January 18th. 4. State School Health Supervisors will meet March 8th focused on staff wellness. 5. Maryland Association of School Health Nurses is hosting their annual conference on March 9, 2024. <p>📌 Maryland Center for School Safety: is awaiting a new chair to be appointed. https://schoolsafety.maryland.gov/</p> <p>📌 Critical Care Updates:</p> <ol style="list-style-type: none"> 1. MidAtlantic Transport Conference will be held the last week in February with a number of pediatric topics. 2. AACN chapter is going to restart CE offerings <p>📌 Commercial Ambulance Service Advisory Committee – no pediatric topics to share from the last meeting in November.</p> <p>📌 Jurisdictional Affairs Committee (JAC @ MIEMSS)</p> <ol style="list-style-type: none"> 1. JAC is working with the regional office on the distribution of PPE. 2. EMSC is interested in working with Champions and the JAC leadership on the use of shoulder harnesses when transporting patients of all ages. 	<p>state and chapter</p> <p>Laurel Moody RN</p> <p>Liz Berg RN</p> <p>Jill Dannensfelser RN</p> <p>ick High EMT & Chris Truitt NRP</p>
11:40 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"> ✓ Schedule for CPST courses has been posted for 2024 classes ✓ KISS supported Car Seat Checks (by appointment) for each region of the state have flyers and are posted on numerous social media platforms. ✓ Harford County EMS has joined the EMS Supervisor project. ✓ Janet Bahouth PhD will present on Crash Scene Assessment for EMS @ Winterfest. 2. Bike Helmet Safety Grant bikesafety@miemss.org 3. Safe Kids 2024 Meetings following PEMAC: <ol style="list-style-type: none"> a. March 6, 2024 b. September 4, 2024 4. Public Fire & Life Safety Educator Seminar – March 23, 2024 @ MFRI HQ in College Park registration is LIVE at www.mfri.org under seminars. 	<p>Susanne Ogaitis Jones MSPH</p> <p>Cyndy Wright Johnson RN</p>

	<p>5. Mid-Atlantic Life Safety Conference – format and location are being explored for the 65th Conference.</p> <p>6. Maryland Risk Watch/ MSFA –Full typed report is available</p> <p>7. Partnership for Safer Maryland www.safermaryland.org</p> <p>8. American Trauma Society (MD Chapter)</p>	
11:50 AM	<p>Old Business – from the committee</p> <p>None</p>	Committee
11:55 AM	New Business None at this time.	Committee
12:00 Noon	Networking Lunch	Committee
12:30 PM	<p>Feedback from PEMAC on product</p> <p>1. Review of Pediatric Reference Card 2024 draft document highlighted the changes in protocol and will include two pain scales for children. Cards are for quick reference for EMS & ED and intentionally do not contain extensive medication doses.</p> <p>2. Input on Posters – recommendation is to have smaller posters that focus on Assessment, Trauma & Burn, Other specific topics.</p>	Committee
EMSC Meetings and Education	<p>Pediatric EMS Champion Forums</p> <p>Pediatric Nurse Champion Forums</p> <p>Pediatric Physician Champion Forums</p> <p><i>Are scheduled and flyer is attached.</i></p> <p>Maryland ACEP Conference April 11, 2024 @ UMMS</p> <p>Maryland ENA by the Bay is May 9 & 10, 2024 @ Navy Stadium in Annapolis</p>	

Next Meeting March 6, 2024– in person @ MIEMSS

9:30 – 12:00 Noon PEMAC Business Meeting

12:30 – 3:00 PM Safe Kids Maryland

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.



Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems






Maryland EMS for Children Department Update: January 2024

Advocacy:

- **Right Care When It Counts & Star of Life:** Nominations are open and **due March 29, 2024**. Portal is open for nomination!
- **CPS Resources and Training:** are available for EMS, ED and Nursery/ NICU. Contact cps@miemss.org. CPS Webinars are posted on MIEMSS website & YouTube accounts.

Pediatric Education EMS and Emergency Department Professionals:

- ✂ Online Training Center: <https://www.emsonlinetraining.org/>
- ✂ Pediatric EMS interactive scenarios "Sim on the Go" are available through Pediatric EMS Champions with new Trauma scenarios available
- ✂ PEPP Hybrid Courses for 2024 are in planning stage
- ✂ **2024 EMS Conferences** dates have been finalized with topics & faculty planning ongoing.
 - 📅 **Winterfest 2024** February 2,3 & 4, 2024 in Easton. Pediatric preconference – Trauma Scenarios.
 - 📅 **Miltenberger 2024** March 7-9, 2024 @ Rocky Gap. Pediatric preconference – Simulations
 - 📅 **EMS Care 2024** location and dates are under discussion
 - 📅 **Pediatric EMS Champions 2024:** January 10th 2024 (NEW Date) will be a virtual training. April 24 all day training will be in person at MFRI HQ in College Park.
- ✂ **2024 Pediatric Readiness ED forums and meetings are scheduled (and attached):**
 - ED Physician Forum:** January 31st 2024 @ 12 PM – 1:30 PM
 - ED Pediatric Nurse Champion Webinar:** January 10th 2024 @ 3:30 PM – 5 PM
 - CPEN Review Course:** In person, 2-day course is funded for this grant period. Location to be determined.

	<p>National EMSC Updates: EMSC is 40 Years Young this year !</p> <ol style="list-style-type: none"> 1. EMS Assessment on Pediatric Readiness- will launch in May 2024. More information to follow. 2. EIIC Updates: PEAK resource kit on Child Abuse featured in November MD EMS News (page 4) https://emscimprovement.center/education-and-resources/peak/ 3. PPN: Pediatric Pandemic Network website - https://pedspandemicnetwork.org/
	<p>Maryland EMSC Updates:</p> <ol style="list-style-type: none"> 1. EMSC State Partnership Grant 2023-2027: are focused Pediatric Readiness criteria and resources for hospitals and EMS, pediatric specific disasters planning, and family engagement that is representative of Maryland's diversity. 2. EMSC Education and Hospital Specialists hosting quarterly forums on Pediatric Readiness. 3. FAN: Committee is expanding – call for participation coming soon. Emergency Ready Families display is available for loan & slide presentation is available through the EMS Champions. 4. C4 Pediatrics continues to be a 24/7 consultation resource for both pediatric critical care and pediatric inpatient care. Funded through June 2024.
	<ul style="list-style-type: none"> ❖ CPS Healthcare Project: EMS supervisor car seat pilot is in second year with openings form a few more EMSOPs to join (MHSO grant funded). ❖ Bike Safety Project: MHSO grant bike safety and helmet distribution resources are available to Safe Kids coalitions and community partners. ❖ Safe Kids Maryland & EMSC FAN Project: Safe Sleep displays are now in 27 EMSOP and 20 Safe Kids & ENA locations. ❖ Risk Watch Update: Annual Public Fire & Life Safety Educator Seminar will be hosted at MFRI HQ in College Park on Saturday March 23, 2024. Registration is opening in January on MFRI Seminar webpage. Planning for MSFA Convention is also underway – join us in June at the Ocean!



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

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

- Trained two staff at Harford County Emergency Services and gave them two All-in-One car seats for EMS supervisors' vehicles for non-emergency transport of children. (Dec 5, 2023).
- Helped teach a national CPS Technician certification course in Baltimore County from November 6-9. (12 students)
- Conducted an exhibit on CPS at the Maryland Emergency Nurses Association annual conference on November 10th.
- Trained MCH staff at UM Capital Region Medical Center on Dec 15th on CPS and how to more effectively run their car seats for needy families program.
- Assisted Maryland Kids in Safety Seats with a car seat distribution at Baby Share, in Baltimore. The giveaway seats were provided by Mile One Auto.
- Recruited and trained two new hospitals for the car seat distribution program for needy families: Frederick Health Hospital and Garrett Regional Medical Center (both MCH & ED units at both hospitals). We are still hoping to schedule a training with Tidal Heath Hospital.
- Assisted at 5 seat checks: Owings Mills on November 12th and Dec 5. Baltimore City/ Oldtown Station FD on Nov 3rd and Dec 1st, and Frederick on Nov 30.
- Consulted on several cases regarding safe transport of special needs children and lent or gave some restraints for the clinicians to consider using.

- ↪ The schedule for regional car seat checks can be found at www.MdKISS.org
- ↪ Technician certification courses are being scheduled for 2024. In January, go to www.cert.safekids.org, or sign up there for alerts for new courses.
- ↪ This grant can pay for 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



Maryland EMS For Children

2024 EMS, EMSC & Life Safety Educational Conferences



Winterfest 2024: February 2nd – 4th @ Easton High School

Pediatric Pre-Conference – Pediatric Interactive Trauma Workshop – Friday, Feb 2, 2024

Brochure and Registration Information posted on MIEMSS Website www.miemss.org

Mid-Atlantic Transport Conference 2024: February 26th & 27th @ MITAGS

Register online at: https://www.eventbrite.com/e/2024-mid-atlantic-transport-conference-registration-652901545097?aff=oddtcreator&fbclid=IwAR3KFEIHIBKcJoiFo8zZFXOY7BlyrJRkSfuXX6byvOEOw_QJnZiB_DVOVCE

Miltenberger EMS & Trauma Conference 2024: March 8th & 9th @ Rocky Gap

Pediatric Pre-Conference – Practice Makes Perfect – Pediatric Skills & Scenarios, Friday, March 8, 2024

Brochure and Registration Information to follow

Public Fire & Life Safety Educator Seminar: Saturday March 23, 2024

MFRI Headquarters in College Park

Brochure and Registration Information @ www.mfri.org under Seminars

Maryland ACEP Educational Conference & Annual Meeting: April 11, 2024 (Thursday)

Univ. of Maryland, Baltimore Campus

For more information visit <https://www.mdacep.org/2024conf/>

ACS Point CounterPoint 2024: May 2nd & 3rd

Baltimore Marriot Inner Harbor at Camden Yards

For more information visit: <https://www.maryland-traumanet.com/education/save-the-date-ac-s-point-counterpoint-2024/>

Maryland ENA by the Bay 2024: May 9th & 10th

US Navy Stadium, Annapolis Maryland

Brochure and Registration Information to follow

Maryland State Fire Convention 2024: June 15th – 20th

Ocean City Convention Center

For more information visit <https://convention.msfa.org/>

Call for Speakers is open through January 31, 2024 (same website above)

EMS Care 2024: *planning is ongoing for a fall conference in a new location*

Pediatric EMS Champions will meet Thursday & Friday before



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 January 2, 2024



2024 Maryland EMSC Pediatric Readiness Champion Forums

[Save the Dates](#)

Pediatric EMS Champions

- ❖ **January 10th, 2024 (V)**
Wednesday 10:00 AM – 12:00 PM
- ❖ **April 24th, 2024**
In-Person 10:00 AM – 3:00 PM
- ❖ **July 17th, 2024 (V)**
Wednesday 1:00 PM – 3:00 PM
- ❖ **EMS Champion Training**
Thursday & Friday In-Person
before EMS Care in Fall of 2024 –
more details to follow

Pediatric Nurse Champions

- ❖ **January 10th, 2024 (V)**
Wednesday 3:30 PM – 5:00 PM
- ❖ **April 17th, 2024**
In-Person 10:00 AM – 3:00 PM
Pediatric Competency Workshop
- ❖ **July 10th, 2024 (V)**
Wednesday 12:00 PM – 1:30 PM
- ❖ **October 9th, 2024 (V)**
Wednesday time TBD

Pediatric Physician Champions

- ❖ **January 31st, 2024 (V)**
Wednesday 12:00 PM – 1:30 PM
- ❖ **April 17th, 2024 (V)**
Wednesday 12:00 PM – 1:00 PM
- ❖ **July 31st, 2024 (V)**
Wednesday 12:00 PM – 1:30 PM
- ❖ **October 30th, 2024 (V)**
Wednesday 12:00 PM – 1:30 PM



The registration links for the Virtual (V) forums (GoTo Platform) will be sent out prior to each meeting. Questions – Please email pedsready@miemss.org

