



Pediatric Emergency Medical Advisory Committee

MINUTES: September 7, 2022 @ 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 Safe Kids Maryland Coalition meeting 12:30 PM – 2:00 PM	
Member & Liaison Attendees	Stephanie Sisler MD; Anand Budi MD; Daniel Ochsenschlager MD; Karen O’Connell MD; Jennifer Denault RN; Kathleen Brown MD; Yonnia Waggoner RN; Lisa Wilson EMT; Mary Ellen Wilson RN; Richard High EMT; Jennifer Andrews NRP RN; Jill Dannenfelser RN; Emily Dorosz RN; Laurel Moody RN; Andrew Robertson NRP BS; Cyndy Wright-Johnson MSN RN; Jennifer Anders MD; Susanne Ogaitis-Jones MSPH CPST; Danielle Joy MS RN NRP; Meg Stein MS NRP	
Guests:	Debra Skultety-Robinson RN; Beverly Witmer MA	
RSVP regrets:	Richard Lichenstein MD	
Agenda & Minutes Approved by PEMAC members 11/2/2022		
9:30 AM	Welcome & Introductions 1. Member Roll Call and brief introduction of visitors & guest 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. July 2022 Minutes were reviewed, noting Laurel Moody sent regrets and no further revisions. Motion to approve by Jill Dannenfelser, second by Karen O’Connell with unanimous approval. 2. 2023 Meeting Schedule was reviewed and accepted 3. November PEMAC will be in person at MIEMSS followed by Research Forum (see discussion later). 4. Membership: Education EMS Training Center representative remains vacant.	Rich Lichenstein MD Cyndy Wright Johnson RN
n9:45 AM	PEMAC September 2022 Consent Agenda: 1. EMSC & Safe Kids Update – handout 2. EMSC Education Update - handout 3. 2022 – 2023 Educational Conference List – handout 4. CPS Grant Update – handout 5. Bike Safety Grant Update – handout 6. Injury Prevention updates & links listed within the agenda	EMSC Department Staff Team
10:00 AM	MIEMSS Regulations: Proposed revisions to COMAR 30.04.05 Bev Witmer, Director of Clinician Services (formerly Licensure and Certification) was introduced to those who have not met her yet. Bev described the review process the department is doing of COMAR to bring the regulations into current and best practices. Four specific section were reviewed and discussed while regulations were shared on screen and through GoToMeeting. Members of the committee received recommendations for revisions compared to current COMAR in advance. PEMAC recommendations and comments are listed below each section of COMAR. 1. 30.04.05.02 – Entities approved to offer CE Courses PEMAC recommended adding a new entity “Professional healthcare organizations” that would include the poison center,	Bev Witmer, MA NRP

	<p>athletic trainer association, ENA, ACEP, AAP. AACN as examples. The various EMS Conferences were identified as a provider or entity, Bev explained that would be covered by MIEMSS and the EMS Board.</p> <p>2. 30.04.05.04 – Instructors While revisions have not been drafted for instructors, PEMAC briefly discussed the importance of a pathway for credentialed professionals to serve as instructors even if they work in out of hospital clinical areas to include (but not limited to) out patient treatment, hospice, primary care or private practice. Examples of professional disciplines include: Nurse Practitioners, Social Work, Athletic trainers, Psychologist, Pharmacists and many others who are licensed and have current expertise related to emergency care or care of EMS Clinicians.</p> <p>3. 30.02.02.07 – BLS renewal PEMAC recommended “D-2” read “Documentation of successful completion of:” PEMAC also recommended that the BLS renewal requirements speak specifically to “pediatric and adult” content every 3 years. Typically “all ages” does not include a focus on pediatrics and this would align with National Registry.</p> <p>4. 30.02.02.07 – ALS renewal PEMAC again recommended that CRT renewal requirements speak specifically to “pediatric and adult” content every 2 years. This would align with National Registry.</p> <p>5. Other proposed revisions PEMAC asked about the current Local Option category, Bev explained the goal was to move to state content set by the Office of the Medical Director to parallel the ALS renewal content process. The current Skills requirement is proposed to move to “approved skills competency verification” that will be conducted by MFRI and approved county training programs.</p>	
<p>10:15 AM</p>	<p>Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Lisa Wilson attended the National FAN conference with EMSC EIIC in St Louis. This was the first FAN member meeting held in year and focused on the role to include advocacy, storytelling in education, and shared programs that involve EMS and Families. 2. Right Care Awards for 2023 – nominations open & Champion challenge was announced by Danielle at the July Forum. To date we have one nomination. 3. 2023 Steps to Safety at the MSFA Convention would like to expand to include programs for tweens & teens. 4. HRSA EMSC has released four new goals for 2023 with an emphasis on SMARTIE objectives and family input. There was not time to discuss the new grant process in detail, deferred to September. [<i>Strategic, Measurable, Achievable or Ambitious, Realistic, Time-bound, Inclusive, and Equitable</i>] 	<p>Lisa Wilson EMT</p> <p>Cyndy Wright Johnson RN</p>

<p>10:30 AM</p>	<p>Maryland Protocols for EMS Providers – 2023</p> <ol style="list-style-type: none"> 1. July 1 2022 Protocols – Spiral version available at PEMAC onsite and through Clinician Services. 2. Updates from Protocol Review Committee <ol style="list-style-type: none"> a) Wilderness “push medications” – ongoing discussions b) Pediatric respiratory rate revisions throughout the document based upon AHA/PALS 2020 recommendations affects both algorithms and text. Procedures 12.2 and 12.13 have information that could be combined for clarity. Drafted chart of recommendations were reviewed and have already been sent to PRC for their review next week. There were no changes suggested. PEMAC voted to encourage Meg Stein to make additional edits for pediatric respiratory rates if new pages are identified that follow the same clinical guidance. 3. Recommendations for 2023 Maryland Medical Protocol <ol style="list-style-type: none"> a) Trauma Decision Tree: recommendations for revisions within the existing Maryland TDT (Alpha, Bravo, Charlie, Delta) include: <ul style="list-style-type: none"> ➤ Glasgow Coma Motor score for children using the modified GCS for infants and children ➤ Child abuse with head injury ➤ Shock – for pediatric use increased heart rate as criteria ➤ MOI – fall statement modified to include “GCS <15, LOC > 5 seconds, non frontal hematoma, vomiting” ➤ MVC – unrestrained child statement – agreed ➤ MVC – “Child unrestrained or in unsecured child safety seat and in high impact crash (high speed, intrusion, head on crash, roll over”. ➤ MVC – seatbelt injury sign (new addition) ➤ Pediatric Trauma Center reference modified for Alpha and Bravo “if < 15 yoa should be taken to pediatric trauma center”. For Charlie and Delta “consider pediatric trauma center if age <15 years.” b) Cardiac Arrest Protocol/Procedures revisions <i>(Please see the attached chart of recommended changes for discussion)</i> <ul style="list-style-type: none"> ➤ In all algorithms – insert Stay on Scene- Approved ➤ In all algorithms – replace CPR with HPCPR – Approved ➤ GPC (pages 17 & 18) – reference to stay on scene Approved ➤ 3.1-P Pediatric CCC for BLS & ALS Algorithm (pages 36 & 37) make change for how long to stay on scene for medical and trauma ➤ 3.4 –P Cardiac Arrest (pages 48 &49) approved changes within the ALS algorithm and edits to mirror key phases above. Emphasis on 2 minute cycles, IO access for Epinephrine, then advance airway. ➤ 3.6- P TOR (page 58) – mirror the medical and trauma recommendations here within the BLS and ALS algorithms. ➤ 12.14 (Page 268-269) AED procedure (no change suggested) 	<p>Jen Anders MD</p>
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	2. PediDose research protocol in Prince George's county is preparing for base line data collection and education at this time.	
11:30 AM	Maryland Organizations & Committees There was limited time for updates and liaisons were asked to forward them by email. <ul style="list-style-type: none"> 📁 AAP Updates www.mdaap.org 📁 ACEP Updates - www.mdacep.org 📁 ENA Updates - www.mdena.org <li style="padding-left: 20px;"><i>11/4/2022 Mid Maryland conference will be virtual</i> 📁 SCHOOL HEALTH Updates 📁 JTIC -https://www.schoolsafetyinfo.org/ 📁 Critical Care Updates 📁 Commercial Ambulance Service Advisory Committee 📁 Jurisdictional Affairs Committee (JAC @ MIEMSS) 📁 Pediatric Disaster Medicine & Preparedness <p style="color: blue;"><i>Please see written summary of submitted reports</i></p>	Committee
11:45 AM	Injury Prevention Sub Committee & Updates were moved to the afternoon SAFE KIDS Maryland Coalition meeting. <ol style="list-style-type: none"> a. EMSC: CPS & OP Healthcare Project (Maryland DOT cps@miemss.org) b. Bike Helmet Safety Grant bikesafety@miemss.org c. Safe Kids 2022 Meetings today following PEMAC d. Mid-Atlantic Life Safety Conference – September 20, 2022 https://www.midatlanticlifesafetyconference.com/ (registration is free) e. Maryland Risk Watch/ MSFA –Full typed report is available f. Partnership for Safer Maryland www.safermaryland.org g. American Trauma Society (MD Chapter) 	
11:50 AM	Old Business – there was no old business at the September meeting.	Committee
11:55 AM	New Business – there was no old business at the September meeting.	Committee
12:00 Noon	Networking Lunch	Committee
12:30 PM	Safe Kids Maryland Coalition Meeting Focus on Anniversary Celebrations: 100, 50, 38, 25 & more	All are welcome to stay

Next Meeting November 2, 2022 – in person @ MIEMSS
Annual Maryland EMSC Research Forum will @ 12:30- 2:30 PM
All are welcome in person with GTWebinar (registration required) option



Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



Maryland EMS for Children Department Update: September 2022

What's NEW:

	<p>National EMSC Updates:</p> <ol style="list-style-type: none"> EIIC Resources: The latest Pediatric Education and Advocacy Kits (PEAKs) were posted over the summer: Pain (July 2022) and Agitation (August 2022). Previous PEAKs focused on Suicide (2021) and Status Epilepticus (2022). Each of the PEAKs include resources for both EMS and EDs including practice guidelines, infographics, videos, podcasts, references and links to other online training sites. EMSC Supplement Grant: awarded to Maryland in July 2022 with a focus on rural, remote and tribal areas. The grant will include simulation training for hospitals and facilitate the development of a pediatric ED recognition process. EMSC State Partnership Grant – Renewal Application for 2023-2027 is open and will be submitted in late October. Renewed focus on Pediatric Readiness for both EMS & ED will expand in the areas of disaster preparedness and family advocacy.
	<p>Maryland EMSC Updates:</p> <ol style="list-style-type: none"> PEPP Hybrid Course on October 20, 2022 at MIEMSS. Pediatric EMS Champions have the registration information. C4 Pediatrics continues to be a 24/7 consultation resource for both pediatric critical care and pediatric inpatient care. The EMS clinical and physician team are available to provide consultation and assistance with transferring pediatric patients.
	<p>Safe Kids Buckle Up (CPS): September is focused on CPS Week & New CPS Law in Maryland CPS Healthcare Project: Four EMSOP are participating in the EMS supervisor car seat pilot Bike Safety Project: MHSO grant renewed 7/1/22 with helmet distribution & social media Safe Kids Maryland & EMSC FAN Project: Safe Sleep displays are in 18 locations</p>

Advocacy:

- **Right Care When It Counts & Star of Life:** Nominations are being accepted for 2023 awards – online: <http://www.miemss.org/home/documents>
- **#MDPANDAFAN – (EMSC Family Advisory Network Council):** FAN council has distributed the educational project to increase awareness of SUID risks and steps to create a Safe Sleep Environment. Teaching resources will be on the website this fall.
- **Risk Watch Injury Prevention – “Steps to Safety”** held in Ocean City with MSFA during June provided education for children and families and resources for local EMS/Fire companies.
- **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. August webinar was on Heatstroke – treatment & prevention. Outdoor temperature displays are available for community events.

Pediatric Education EMS and Emergency Department Professionals:

- ✂ **2022 Winterfest & Miltenberger conferences** combined resources to create online CME through the MIEMSS Online Training Center that remain available for both EMS & RN credits until December 30, 2022. <https://www.emsonlinetraining.org/>
- ✂ **2023 EMS Conferences** dates have been finalized with topics & faculty planning ongoing. EMSC will offer PEPP 4 hybrid courses in Central Maryland this fall and at Miltenberger in March 2023.
- ✂ **ENA CPEN** review courses for 2023 will be in person base upon feedback. Date and location tba.

Pediatric EMS Champions: October training workshop will be at MIEMSS. HPCPR & Trach manikin loaner kits are available in each EMS region. Email pepp@miemss.org for more information. EMS News



PEMAC Education Subcommittee Update September 2022



1. BLS Subcommittee:

Meeting held July 15th. Presentation of COMAR regulation draft revisions to Con Ed 30.04.0507 & Renewals 30.02.02.07 with discussion and feedback. Current field internship policy to be reviewed and updated by committee. Reminder of lunchtime PDI's being offered by MIEMSS.

2. ALS Subcommittee:

Meeting held July 20th. Update shared on the protocol orientation efficacy project and the ALS State Content courses. Presentation of COMAR regulation draft revisions to Con Ed 30.04.0507 & Renewals 30.02.02.07 with discussion and feedback. Discussion of NR suggesting the dropping of the CAAHEP accreditation requirement. Next meeting is September 21st.

3. Continuing Education Updates:

a) APLS Courses

- Course no longer offered.

b) PEPP Courses

- PEPP 4th Edition instructor toolkit available as a digital download
- 2022 PEPP 4th Edition Course Offerings:
 1. Winterfest 2022 – Held in February at Oxford VFD with 9 attendees.
 2. Miltenberger 2022 – TBD at a later date
 3. Southern Maryland – Summer 2022 – 18 students registered with 11 attendees
 4. Central Maryland – October 2022 in conjunction with Pediatric EMS Champion Forum

c) Pediatric TOR training:

- Webinar posted for the Pediatric EMS Champions on Pediatric Cardiac Science & Pediatric TOR
- Shorter presentation on Pediatric TOR posted in Sharefile for Champions with case studies

d) Additional Course Offerings

4. Video/Web Training

Completed Webinars available on MIEMSS LMS

- a) Neonatal Resuscitation – Webra Price-Douglas, PhD, CRNP – Available on LMS
- b) Pediatric Tracheostomy Care – Available on LMS
- c) Pediatric Burn Injuries – Available on LMS
- d) Pediatric Stroke by Ryan Felling, MD, PhD - Available on LMS
- e) Pediatric High Performance CPR – Available on LMS
- f) Your Next Patient Has Autism – Are you Prepared? – Available on LMS

Webinars in process/planning

- a) OB & Newborn Emergencies – Current workshop to be modified for LMS
 - OB Emergencies LMS to be presented by Jen Fahey, CNM, MPH
- b) Pediatric Vascular Access – current workshop has 4 lectures, planning to convert core Hydration Assessment lecture by Jessica Strohm-Farber DNP, CPNP-AC

Please see [EMS & Prevention Educational Conferences 2022/2023](#) [handout](#)
For more information please call the Maryland EMS for Children Department at 410-706-1758
Email for Pediatric Education is pepp@miemss.org



CPS & OP Healthcare Project EMS for Children Program @ MIEMSS

sogaitisjones@miemss.org
www.miemss.org/home/emsc/cps

PEMAC UPDATE –Sept 7, 2022 **The CPS & OP Healthcare Project**

- Conducted a training on August 12th for Calvert County Emergency Services on the new pilot project to get All-in-One car seats for EMS supervisors' vehicles for non-emergency transport of children. Also at that event, had a photo opportunity with Chrissy Nizer, Administrator of the Maryland Motor Vehicle Administrator; the MVA funds this grant project through its "Maryland Highway Safety Office" and they issued a press release about this project.
- Helped mentor a Child Passenger Safety Technician-Instructor candidate at the Edgewood certification course. Other courses are scheduled. Anyone interested in upcoming courses can go to www.cert.safekids.org to get automated alerts on new classes. Scholarships for the \$95 registration fee are available on a limited basis.
- Helped teach the two-day CPS for special needs transportation course.
- The CPS project to distribute car seats to needy families across the state continues with participation among EDs, the MCH departments of several hospitals, and a few Safe Kids-Maryland partners. New partners are welcome.
- Helped at a Safe Kids-Baltimore's monthly car seat check at Oldtown Fire Station.
- Gave a special needs restraint to Kennedy Krieger Institute for them to try out or loan to patients.
- Planned a number of activities in honor of CPS month. (See reverse side for details). Free CPS materials are available for any Maryland agencies to use to promote CPS.
- Posted a number of social media messages on traffic safety themes.
- September 12th at 1pm will be the last webinar of this grant year and will feature Dr. Emma Sartin talking about CPS legislation and its effects on MVC injury and deaths. There will also be a panel discussing Maryland's revised CPS law, effective October 1, 2022. The MHSO/MVA held a press event about this new change in the CPS law on July 26th at Martin State Airport. The press event also addressed pediatric vehicular heatstroke and used our temperature display very effectively.
- This temperature display to educate on never leaving your child alone in a car/pediatric vehicular heatstroke is available from MIEMSS to borrow for your agency or community events.

** Car seat check-up events and virtual assistance are available through Maryland Kids in Safety Seats at <https://tinyurl.com/VidAppt20> or www.mdkiss.org.

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