





Pediatric Emergency Medical Advisory Committee

March 7, 2018 @ 9:30 AM to 3:00 PM

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

Type of meeting:	<p align="center">Pediatric Emergency Medical Advisory Committee Regular Business meeting 9:30 AM -12:00 Noon Safe Kids Maryland State Coalition Meeting 12:30 to 2:30 PM Maryland CPS Board Meeting 2:30 to 4:30 PM</p>	
Attendees:		
Conference call in:		
RSVP unable to Attend:		
	Proposed Agenda	
9:30 AM	<p>Welcome & Introductions</p> <ol style="list-style-type: none"> 1. Brief introduction of those present & on phone 2. Quick Review of Go To Meeting participant access 3. List of Documents & Committee Reports posted on the website 	Cynthia Wright Johnson RN
9:40 AM	<p>PEMAC Business:</p> <ol style="list-style-type: none"> 1. Review of January 2018 Minutes 2. 2018 PEMAC Dates and forums are posted on the website. 3. May 2, 2018 meeting has no afternoon forum at this time – FAN Council will be held after hours / weekend to include families. Room is available for workgroups. 	Linda Arapian RN/ Dan Ochenschlager MD
10:00 AM	<p>Update on 2018EMSC Performance Measures –</p> <p>EMSC 01- Submission of NEMSIS 3.x data – eMEDS elite 3.4 is implemented in Queen Anne and Talbot Counties. Rolling implementation is planned for January through June 2018.</p> <p>2017 EMS Agency Survey – Maryland achieved 100% participation</p> <ul style="list-style-type: none">  EMSC 02 – Pediatric Care Coordinate Coordinator for EMS Agencies – Training at EMS Care Friday April 27, 2018  EMSC 03 – Pediatric Equipment Use & Education Projects for 2018-2019 are: <ul style="list-style-type: none"> o Pediatric HP CPR o Pediatric Tracheostomy Care o Pediatric Airway o Newly Born Resuscitation <p>EMSC PM 04 – Pediatric Readiness</p> <ol style="list-style-type: none"> 1. Pediatric Education for hospitals: <ol style="list-style-type: none"> a. APLS Hybrid Courses: July 12 & December 14, 2018 b. CPEN review courses to be planned for fall pending funding of full grant c. ENPC Course – www.ena.org 	<p>Cyndy Wright Johnson RN William Thompson PhD/ Jason Cantera EMT</p> <p>Cyndy Wright Johnson RN</p>

- d. STABLE courses offered regionally by NICUs
- e. FEMA Pediatric Disaster MGT 439 course – June 12 & 13, 208 at MFRI College Park. Registration: Link for registration: <https://tinyurl.com/yac8ugx3>

EMSC PM 05 – Pediatric Trauma/ Burn Centers –
 Maryland has met this measure and continues to work with both pediatric trauma and burns centers through QI, Education and Prevention programs.

NEW: COMAR regulations for both pediatric burn and pediatric trauma are under revision as part of the normal regulatory update process.

EMSC PM 06 & 07: Interfacility & Special Consults

1. Pediatric Base Station Courses: 2018

Additional course(s) may be added for NICU teams in Baltimore and Wilmington

Date	Location	Deadline
1/18/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	1/5/2018
4/19/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	4/6/2018
7/25/2018 (Wednesday)	Children’s National Medical Center EMTC Conference Room 111 Michigan Ave NW Washington DC 20010	7/13/2018
9/13/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	8/31/2018

2. Neonatal and Pediatric specialty transport update from Base Site Visits (October – February)

EMSC PM 08 – EMSC Permanence – Achieved

Please see the new summary of each of the EMSC PM that is on the second page of the EMSC January 2018 Update and in the minutes.

EMSC PM 09 – Codification of all requirements old/new
 (Please see the new summary of each of the EMSC PM)

Online & Off Line Medical Direction – our protocol work and base station courses

EMS Equipment for Pediatrics – now will need to be codified or demonstrated in the VAIP and SOCALR equipment lists.

Pediatric Education – now will need to be codified or demonstrated in BLS and ALS core training and CME. Our plan is to continue to support Hospital professional education under EMSC PM 04.

- 1. 2018 Conferences are scheduled and pediatric pre-conferences are set through July 2018

Cyndy Wright Johnson
RN

Lisa Chervon MA NRP

Cyndy Wright Johnson
MSN RN

Danielle Joy RN NRP

	<ol style="list-style-type: none"> 2. BLS Committee – new recertification cycle will run for 3 years. 3. ALS Committee 	<p>Richard High EMT</p> <p>Judy Micheliche NRP</p>
10:30 AM	<p>Maryland Protocols for EMS Providers</p> <ol style="list-style-type: none"> 1. Pediatric High Performance CPR - update on training and review of Reference Card/ Poster for EMS training 2. PD Tree proposed Research Protocol update 3. Trauma – Needle Decompression update 4. Pelvic Binder – evaluation of “fit” for children 5. Advance Airway 2018 update: <ol style="list-style-type: none"> a. NEW - intubatable LMA b. changes to Video laryngoscopy 6. Children With Special Health Care Needs – universal protocol under development with Montgomery County 7. Termination of Resuscitation (2019) Focus groups have been held throughout the state with one more to conduct with families. 8. Spinal Protection / Immobilization protocol –Algorithm work will continue into 2018 9. 2019 protocol development and updates need to be presented to PEMAC at the May or July meeting to allow for development time 	Jennifer Anders MD
11:00 AM	<p>Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Right Care Awards –2018 Nomination forms are available on the MIEMSS website: under documents or http://www.miemss.org/home/public 2. Emergency Ready Family” project update 3. EMSC National FAN meeting will be in May 2018 – TX 	Mary Ellen Wilson RN

<p>11:15 AM</p>	<p>Maryland Organizations & Committees</p> <p>AAP Updates</p> <ul style="list-style-type: none"> ➤ Maryland update – COPEM & COVIPP ➤ National update – COPEM <p>ACEP Updates - new website & management</p> <p>www.mdacep.org</p> <ul style="list-style-type: none"> ➤ Maryland update – EMS Committee ➤ Maryland's NEW - Pediatric Committee ➤ National Updates <p>ENA Updates - www.mdena.org (NEW website live)</p> <ul style="list-style-type: none"> ➤ State report ➤ Local updates ➤ Maryland ENA Regional Conferences (www.mdena.org) <p>SCHOOL HEALTH Updates</p> <ul style="list-style-type: none"> ➤ School Health committee(s) update ➤ School Emergency Health Guidelines <p>Critical Care Updates</p> <ul style="list-style-type: none"> ➤ AACN ➤ AAP <p>Commercial Ambulance Service Advisory Committee (CASAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ SCT subcommittee – workgroup on protocols ➤ Neonatal subcommittee – to be reconvened in 2018 ➤ Obstetrical transports- workgroup of SCT <p>Jurisdictional Affairs Committee (JAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ BLS ➤ ALS 	<p>Rich Lichenstein MD</p> <p>Cyndy Wright Johnson RN</p> <p>Kathy Brown MD</p> <p>Kaitlyn Mannon RN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN Jason Custer MD</p> <p>Jill Dannenfelser RN Lisa Chervon NRP</p> <p>Richard High EMT Judy Micheliche NRP</p>
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<p>11:30 AM</p>	<p>Research and EVBG update</p> <p>1. EMSC TI Grant updates</p> <ul style="list-style-type: none"> ✓ PDTree: An EMS Triage Tool for Pediatric Destination Decision Making (J Anders MD) <p>2. Pelvic Binder – pediatric “fit” pilot project at JHCC</p> <p>3. WB-CARN EMS partner in Prince George’s County</p> <ul style="list-style-type: none"> ✓ Data Linkage Project ✓ Asthma Scoring Tool Project ✓ First Watch data / tracking <p>4. Ongoing Pediatric QIC & DART projects</p> <p>Evaluation of protocols</p> <ul style="list-style-type: none"> ✓ Region 3 Seizure project – Rich Lichenstein MD ✓ Pediatric RSI –Process and Outcome project ✓ CPR and Cares Report for pediatrics include all of 2017 data – April meeting ✓ 2016 – 2017 Sepsis – Jen Anders MD & Nick Wyns PhD NRP experience is being presented at conferences in 2018 ✓ C-Spine project to be discussed in April ✓ EMS Compass measures: pediatric and others ✓ Standardized Pediatric Transport reports- Renewing this process with the National Study Center <p>5. Other projects - EMS RIG update</p>	<p>Jen Anders MD</p> <p>Bob Kelly MD</p> <p>Kathy Brown MD</p> <p>Jen Anders MD</p> <p>Committee</p>
<p>11:45 AM</p>	<p>Injury Prevention Sub Committee & Updates</p> <p>Please see Summaries from :</p> <p>a. EMSC: CPS & OP Healthcare Project (Maryland DOT Highway Safety Office)</p> <ul style="list-style-type: none"> ✓ Drowsy Driving – February 7th EMS Evening Broadcast went well. MSFA Convention and MidAtlantic Life Safety Conference will also have a Drowsy Driving presentation ✓ CPS Technician scholarship available for 2018 courses – contact cps@miemss.org ✓ CPS Rapid Educational Response Kit – will highlight again for May EMS week ✓ CPS and heatstroke to children left in cars displays are available and kick off will start soon <p>b. Prevention Legislation</p> <ul style="list-style-type: none"> ✓ CPS Bills 2018 ✓ Other bills <p>c. Safe Kids</p> <ul style="list-style-type: none"> ✓ Maryland Safe Kids Meetings for 2018 will be held in March and September after PEMAC ✓ New Maryland HSO grant – Bike Helmets and Safety has been submitted and will focus on “Right Fit” ✓ Safe Kids Day grants –State Coalition has received approval for March 24 training and June Event ✓ Safe Kids OTC Medication Safety Grant has been awarded to the state coalition 	<p>Susanne Ogaitis Jones MSPH CPST-I cps@miemss.org for materials and information</p> <p>Cyndy Wright Johnson RN</p>



	<p>d. Maryland Risk Watch/ MSFA –2018 Convention planning has started. Volunteer Sign up will go live March 24, 2018!</p> <p>e. ENA: IQSIP – Institute for Quality, Safety and Injury</p> <ul style="list-style-type: none"> ✓ Prevention updates @ ENA national website ✓ Buckle Up initiative with NHTSA will be operationalized in Maryland with a PSA <p>f. Partnership for Safer Maryland: Camille Burke is the new president and will be joining us this afternoon with an update</p>	<p>Cyndy Wright Johnson RN</p> <p>www.mdena.org</p> <p>Safermaryland.org</p>
11:50	Old Business	Committee
11:55	New Business	Committee
12:00 Noon	Networking Break	Committee
12:30 – 2:30 PM	Safe Kids Maryland State Coalition Meeting	
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Conference call in:	Robert Wack MD; Kathleen Brown MD; Mary Alice Vanhoy RN; Richard High EMT; Judy Micheliche NRP; Cathy Park RN; William Thompson PhD; Lisa Chervon MA; Danielle Joy RN	
RSVP unable to Attend:	Jason Custer MD	
PEMAC Minutes as approved and with handouts attached		
9:30 AM	Welcome & Introductions 1. Brief introduction of those present & on phone 2. Quick Review of Go To Meeting participant access 3. List of Documents & Committee Reports posted on the website	Cynthia Wright Johnson RN
9:40 AM	PEMAC Business: 1. Reviews of January 2018 Minutes – Minutes were approved with three typing edits. Motion by Liz Berg and seconded by Laurel Moody. 2. 2018 PEMAC Dates and forums are posted on the website. 3. May 2, 2018 meeting will not include the afternoon FAN Council as it will be held over the summer for families to attend. We will be having a protocol review, revising and writing afternoon session to prepare for July PRC and PEMAC meetings.	Linda Arapian RN/ Dan Ochsenchlager MD
10:00 AM	Update on 2018EMSC Performance Measures – EMSC 01- Submission of NEMSIS 3.x data – eMEDS elite 3.4 is implemented in Queen Anne and Talbot Counties. Rolling implementation is planned for January through June 2018 with the Eastern Shore, Baltimore City and then Prince George's and Montgomery Counties. The goal is to have everyone using 3.4 version by July 2018. 2017 EMS Agency Survey – Maryland achieved 100% participation  EMSC 02 – Pediatric Care Coordinate Coordinator for EMS Agencies – Training at EMS Care Friday April 27, 2018  EMSC 03 – Pediatric Equipment Use & Education Projects for 2018-2019 are:	Cyndy Wright Johnson RN William Thompson PhD/ Jason Cantera EMT Cyndy Wright Johnson RN

- Pediatric HP CPR
- Pediatric Tracheostomy Care
- Pediatric Airway
- Newly Born Resuscitation
- Obstetrical Emergencies

EMSC PM 04 – Pediatric Readiness

1. Pediatric Education for hospitals:

- a. APLS Hybrid Courses: July 12 & December 14, 2018 – please share the SAVE the DATE flyer.
- b. CPEN review courses to be planned for fall pending funding of full grant
- c. ENPC Course – www.ena.org
- d. STABLE courses offered regionally by NICUs
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Maryland has met this measure and continues to work with both pediatric trauma and burns centers through QI, Education and Prevention programs.

NEW: COMAR regulations for both pediatric burn and pediatric trauma are under revision as part of the normal regulatory update process.

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1. Pediatric Base Station Courses: 2018

Additional course(s) may be added for NICU teams in Baltimore and Wilmington

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2. Neonatal and Pediatric specialty transport update from Base Site Visits

have been ongoing since October and will be completed in April. The services and the hospitals have cooperated with the visits and shared their current practices. We have found very few nurses (or supervisors) were aware that they are required by the Board of Nursing to take the base station course. 2018 Pediatric courses are heavily attended by the NEO transport nurses to come into compliance. Once the visits are complete and comparison reviewed, MIEMSS will host a meeting for all NEO services and hospitals to review COMAR and make recommendations for best practice revisions. Areas where

Cyndy Wright Johnson
RN

Lisa Chervon MA NRP

	<p>the visits have identified opportunities for improvement include QI loop closure, Education tracking, participation in annual protocol review, medication and equipment list revisions within COMAR to reflect current practice.</p> <p>EMSC PM 08 – EMSC Permanence – Achieved Please see the new summary of each of the EMSC PM that is on the second page of the EMSC Performance Measure 2018 Update and in the minutes.</p> <p>EMSC PM 09 – Codification of all requirements old/new (Please see the new summary of each of the EMSC PM)</p> <p>Online & Off Line Medical Direction – our protocol work and base station courses</p> <p>EMS Equipment for Pediatrics – now will need to be codified or demonstrated in the VAIP and SOCALR equipment lists.</p> <p>Pediatric Education – now will need to be codified or demonstrated in BLS and ALS core training and CME. Our plan is to continue to support Hospital professional education under EMSC PM 04.</p> <ol style="list-style-type: none"> 1. 2018 Conferences are scheduled and pediatric preconferences are set through July 2018 2. BLS Committee – new recertification cycle will run for 3 years. 3. ALS Committee – Danielle provided a summary of the ALS committee discussions. REMINDER that CRT-I testing at National Registry will end on 12/31/2019. Discussion on how to proceed with scope of practice in Maryland will be ongoing with a town hall meeting to be announced soon. 4. Pediatric Reference Card – EMS has only one case left of these cards and has proposed to reprint them with 8 sides for 2018 (new grant years starts 4/1/2018). Discussion included the style – folded or ring; content and focus – BLS, ALS or both, and new content. We will conduct a survey at the EMS Conferences (convenient sample) on content. PEMAC recommendations include: <ul style="list-style-type: none"> ✓ Assessment and Equipment focus ✓ Protocol reminders – Restraints, Sepsis, HP CPR ✓ Algorithms ✓ Pain Scale – both Faces and FLACC ✓ ALS medications were discussed but vary each year ✓ Special procedures – trach care ✓ Consideration for a APP if funding were available 5. PEPP Course discussion included concerns with the online process in January and February 2018. AAP Advance Life Support is aware. The new refresher course is costly and will be a challenge to schedule the skills portions. Hybrid BLS/ALS Course remains the one most offered except to students in which case full two day course is preferred. 	<p>Cyndy Wright Johnson MSN RN</p> <p>Danielle Joy RN NRP</p>
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<p>10:30 AM</p>	<p>Maryland Protocols for EMS Providers</p> <ol style="list-style-type: none"> 1. Pediatric High Performance CPR - update on training and review of Reference Card/ Poster for EMS training has been going well. Very positive feedback from Winterfest with Miltenberger and EMS Care workshops scheduled. 2. PD Tree proposed Research Protocol will be presented to the EMS Board on 3/13/2018 after which training will start in three counties: Queen Anne, Prince George's and Baltimore City. 3. Trauma – Needle Decompression protocol revision has been suggested to use only the lateral approach. Both pediatric trauma directors are in support of that approach for all ages for EMS, but recognize that there is no evidence to support this change in pediatrics. 4. Pelvic Binder – evaluation of “fit” for children. Dr Bob Kelly provided an overview of the study done with well children at JHCC. The purpose was to see which sized (height) children fit the two devices available to EMS. The Pediatric Pelvic Binder™ fit children who were over one year of age and still fell on the Broselow Tape™. The Small Sam Sling for pelvic fractures fit children who were too tall to fit on the Broselow Tape™ or over 143 cm/ 56 inches. The only difference in the three sizes of the Sam Slings is the length – the depth is the same and too wide for small children. Infants under one year did not fit either device but rarely have pelvic injuries and if they do the cartilaginous pelvis is not likely to fracture. At this time we are only aware that MSP Aviation is carrying the smaller Pediatric Pelvic Binder. 5. Advance Airway 2018 updated protocols included <ol style="list-style-type: none"> a. NEW - intubatable LMA b. changes to Video laryngoscopy 6. Children With Special Health Care Needs – universal protocol under development with Montgomery County that would allow for individualized plans for patients of all ages with unique routes of medication or fluid administration. The document is in development and we will review at the May meeting. 7. Termination of Resuscitation (2019). Focus groups have been held throughout the state with one more to conduct with families. Summary from the regional meetings includes a great variation in opinions and comfort with TOR for children across the state with no specific pattern. It is clear that there is a need for more and longer term support for providers after the death of a child. 8. Spinal Protection / Immobilization protocol –Algorithm needs to be reviewed and potentially revised. The 2018 version will be available soon and we will spend time in the afternoon of the May meeting working on 	<p>Jennifer Anders MD</p>
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	<p>pediatric recommendations, perils and teaching recommendations.</p> <p>9. 2019 protocol development and updates need to be presented to PEMAC at the May or July meeting to allow for development time</p>	
11:00 AM	<p>Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Right Care Awards –2018 Nomination forms are available on the MIEMSS website: under documents or http://www.miemss.org/home/public and are due April 2, 2018. Review will be done in April and awards in May during EMS Week. 2. Emergency Ready Family” project continues to be edited for speaker notes and Instructor trainer packet. 3. EMSC National FAN meeting will be in May 2018 – TX 	Mary Ellen Wilson RN

<p>1:15 AM</p>	<p>Maryland Organizations & Committees</p> <p>AAP Updates</p> <ul style="list-style-type: none"> ➤ Maryland update – COPEM– no update <ul style="list-style-type: none"> ➤ COVIPP is working on tool kits for readiness related to gun violence and continues work on teen driving ➤ National update – COPEM conference call will be next week. There is a new policy on Medication Safety specific to prescription from ED and education. <p>ACEP Updates - new website & management www.mdacep.org</p> <ul style="list-style-type: none"> ➤ Maryland update – EMS Committee – no report ➤ Maryland's NEW - Pediatric Committee – no report ➤ National ACEP Pediatric committee continues to work on <ol style="list-style-type: none"> 1. Pediatric EMS Readiness guidelines 2. Pediatric Hospital Readiness have gone to the board 3. National EMS Quality Alliance is a new initiative that will focus on EMS Compass Measures <p>ENA Updates - www.mdena.org (NEW website live)</p> <ul style="list-style-type: none"> ➤ State report – ENA by the Bay is May 10th at MITAGS ➤ Local updates – Kaiser hospitals and urgent cares are requiring ENPC for all nursing staff. Maryland ENPC instructors are trying to meet their demands and deadlines. ➤ Maryland ENA Regional Conferences (www.mdena.org) ➤ Maryland ENA is not taking a position on HB related to changing the car seat law. Discussion during CPS activities explained the current “Ever Green” Maryland CPS law that is intentionally not specific to ages under 8 years. <p>SCHOOL HEALTH Updates</p> <ul style="list-style-type: none"> ➤ School Health committee(s) update – no update ➤ School Emergency Health Guidelines - no update ➤ School Health Supervisors meeting is 3/8/2018 <p>Critical Care Updates</p> <ul style="list-style-type: none"> ➤ AACN – Liz Berg provided a list of upcoming local and national conferences. ➤ AAP – no update <p>Commercial Ambulance Service Advisory Committee (CASAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ SCT subcommittee – next meeting is on 3/21/2018 ➤ Neonatal subcommittee – to be reconvened in 2018 after the NEO site visits ➤ Obstetrical transports- no action at this time <p>Jurisdictional Affairs Committee (JAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ BLS – no update ➤ ALS – no update 	<p>Rich Lichenstein MD</p> <p>Cyndy Wright Johnson RN</p> <p>Kathy Brown MD</p> <p>Kaitlyn Mannon RN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN Jason Custer MD</p> <p>Jill Dannenfelser RN Lisa Chervon NRP</p> <p>Richard High EMT Judy Micheliche NRP</p>
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<p>11:45 AM</p>	<p>Injury Prevention Sub Committee & Updates</p> <p>Please see Summaries from :</p> <p>a. EMSC: CPS & OP Healthcare Project (Maryland DOT Highway Safety Office)</p> <ul style="list-style-type: none"> ✓ Drowsy Driving – February 7th EMS Evening Broadcast went well. MSFA Convention and MidAtlantic Life Safety Conference will also have a Drowsy Driving presentation ✓ Heat Stroke Campaign will again kick off in April from Safe Kids with July 31, 2018 being the national NHTSA awareness day. CPS and heatstroke to children left in cars displays are available and kick off will start soon ✓ CPS Technician scholarship available for 2018 courses – contact cps@miemss.org ✓ CPS Rapid Educational Response Kit – will highlight again for May EMS week ✓ April 12, 2018 Dr. Alisa Baer will present at PRMC for Pediatric Grand Rounds. 	<p>Susanne Ogaitis Jones MSPH CPST-I cps@miemss.org for materials and information</p>

	<p>b. Safe Kids</p> <ul style="list-style-type: none"> ✓ Maryland Safe Kids Meetings for 2018 will be held in March and September after PEMAC ✓ New Maryland HSO grant – Bike Helmets and Safety has been submitted and will focus on “Right Fit” ✓ Safe Kids Day grants –State Coalition has received approval for March 24 training and June Event ✓ Safe Kids OTC Medication Safety Grant has been awarded to the state coalition <p>c. Maryland Risk Watch/ MSFA –2018 Convention planning has started. Volunteer Sign up will go live March 24, 2018!</p> <p>d. ENA: IQSIP – Institute for Quality, Safety and Injury</p> <ul style="list-style-type: none"> ✓ Prevention updates @ ENA national website ✓ Buckle Up initiative with NHTSA will be operationalized in Maryland with a PSA <p>e. Partnership for Safer Maryland: Camille Burke is the new president and will be joining us this afternoon with an update</p>	<p>Cyndy Wright Johnson RN</p> <p>Cyndy Wright Johnson RN</p> <p>www.mdena.org</p> <p>Safermaryland.org</p>
11:50	Old Business – no discussion	Committee
11:55	New Business – PEMAC membership voted to have a longer time at the May meeting in the afternoon to work on specific protocols for 2019.	Committee
12:00 Noon	Networking Break	Committee
12:30 – 2:30 PM	Safe Kids Maryland State Coalition Meeting	
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Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



Maryland EMS for Children Department Update – March 2018

What's NEW:

	<p>National Pediatric Readiness Project Updates:</p> <ul style="list-style-type: none"> ❖ Revised Joint Policy Statement AAP/ACEP/ENA is anticipated this spring. Revisions are based upon the 2013 and 2016 NPRP Surveys and include criteria for “High Volume” Hospitals that are different from other census level hospitals. New title will be <u>Pediatric Readiness in the Emergency Department.</u> ❖ Focus of the new Pediatric Readiness Collaborative for Hospitals are: <ul style="list-style-type: none"> ❗ Weighing and Documenting All Patients in Kilograms ❗ Notification process for abnormal vital signs ❗ Ensuring Interfacility Transfer Guidelines are patient & family centered ❗ Ensuring disaster plans in hospitals include children <p>NPRP survey will be limited to the EMSC PM 06 & 07 and conducted in May 2018</p> <p style="padding-left: 40px;">06 - Interfacility Guidelines 07 - Interfacility Transfer Agreements</p>
	<p><u>Guidelines to Ensure Pediatric Readiness in Prehospital Settings</u></p> <p>This joint policy statement from AAP/ ACEP/NAEMSP/NAEMT is currently in final review. The technical report that is to accompany it is in editing by all the organizations. These companion documents will support EMSC PM 02 and 03 as well as the pediatric education in both core and continuing education.</p>
	<p>March 24, 2018 is the Public Educator Life Safety seminar at MFRI HQ Registration is online at www.mfri.org under “Seminar” tab</p> <p>MSFA Convention June 17-20, 2018 will again include Injury Prevention stations for children and families – come join us !</p>

Advocacy:

- **Right Care When It Counts & Star of Life** nominations forms are posted and are due April 2, 2018 - www.miemss.org look under documents on the left side margin.
- **#MDPANDAFAN – (EMSC Family Advisory Network Council)** has two new programs:
 - “**Emergency Ready Families**” is an educational project to prepare families for both EMS and ED experiences. The presentation includes background on Maryland EMS system, Peds Ready national initiative, what to prepare and pack for a trip to the ED and what to expect in an ambulance and in an ED. The project includes a train the trainer for professionals and an interactive lecture with handouts for families.
- **Safe Kids & Risk Watch Injury Prevention** –MSFA Fire & Injury Prevention and Life Safety Committee in partnership with **Safe Kids Maryland** annually providing interactive displays for children and families at the MSFA Convention. Ongoing activities occur throughout the year and provide current, data driven when possible, injury prevention checklists and infographics
- **Outdoor Temperature Displays** – through support of the MSFA, three outdoor temperature displays have been purchased to illustrate the extreme heat that quickly builds up inside of parked vehicles. The three displays are kept at MIEMSS, Cecil County DES, Prince George’s County Fire & EMS. Email cps@miemss.org for more information and check out the most recent displays on Facebook.
- **MIEMSS EMSC CPS & OP Healthcare Project** report will include updates with the start of the new grant year and the progress with the Drowsy Driving 2017-2018 special project. February RAC STC Evening EMS Broadcast focused on recognition and prevention of Drowsy Driving by emergency care professionals. This broadcast is now available in the MIEMSS LMS online education. The project webpage is: <http://www.miemss.org/home/drowsy-driving-awareness>

For more information please call the Maryland EMS for Children office at 410-706-1758
Website: www.miemss.org look under departments, Click on EMS for Children



Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



EMS for Children Performance Measures

- 🚑 PM 01 is statewide participation in NEMSIS data submission – pilots in 2 counties started in December to include one Zoll and one Physio county to pilot the software with both monitors.
- 🚑 PM 02 - Pediatric EMS Champion for each EMS operational program – training day will be at EMS Care 2018 for Maryland EMS and Hospital Pediatric Emergency Care Coordinators (PECCS).
- 🚑 PM 03 - Education on use of pediatric equipment. Four focus areas are needed for 2018:
 - Pediatric HP CPR and quality CPR
 - Newly Born Skill stations and online LMS
 - Tracheostomy care, suction and changing
 - Airway management – BLS and ALS
- 🚑 PM 04 Pediatric categorization of emergency departments – Peds Ready (Medical)
- 🚑 PM 05 Pediatric Trauma categorization – completed in Maryland
- 🚑 PM 06 & 07 Interfacility Guidelines and Agreements – completed in Maryland but we need all hospitals to document this correctly in the self assessments from HRSA/ NEDARC. Maryland webinar will provide overview in May 2018.
- 🚑 PM 08 Establish Permanence of EMSC :
 - EMSC Advisory Committee with required members, meetings and attendance (PEMAC)
 - Pediatric representation required on the state EMS Board/ Advisory (SEMSAC)
 - Full-time EMSC Manager is dedicated solely to the EMS for Children (meet)
- 🚑 PM 09 Codification of the following EMSC PM within each State:
 1. EMS agencies are required to submit NEMSIS-compliant data to the state EMS Office
 2. EMS agencies in the state designated pediatric emergency care coordinator
 3. EMS agencies in the state have a process that requires EMS providers to physically demonstrate the correct use of pediatric-specific equipment.
 4. A statewide, territorial, or regional standardized system that recognizes hospitals that are able to stabilize and/or manage pediatric medical emergencies and pediatric trauma. (EMSC PM 04 & 05)
 5. Hospitals in the state have written interfacility transfer guidelines (EMSC PM 06)
 6. Hospitals in the state have written interfacility transfer agreements that cover pediatric patients (07)
 7. Basic life support (BLS) and advanced life support (ALS) prehospital provider agencies in the state or territory have on-line and off-line pediatric medical direction available. (OLD EMSC PM 71 & 72)
 8. BLS and ALS patient-care units in the state or territory have the essential pediatric equipment and supplies, as outlined in the nationally recognized and endorsed guidelines. (OLD EMSC PM 73)
 9. Requirements adopted by the state or territory for pediatric continuing education prior to the renewal of BLS and ALS licensing and/or certification. (OLD EMSC PM 78)

Pediatric EMS Data activities:

- **Pediatric QIC/ DART** committee is working on standardized quarterly reports for pediatric trauma & medical transports. A statewide EMSC Fact Sheet will again be available during EMS Week.

Pediatric Education EMS and Emergency Professionals:

- ✍️ 2018 conferences will include new preconference workshops and a focus on High Performance CPR for infants and children – currently not in protocol but coming 7/1/2018. QCPR infant manikins will help build “EMSC Pit Crews”. Contact pepp@miemss.org for more information.
- ✍️ **PEPP 3 Hybrid** courses are offered at MIEMSS and in regions without local conferences upon request.
- ✍️ **PEAR (AHA)** Course has been released and will be offered at EMS Care 2018 in partnership with AHA training center
- ✍️ **APLS courses:** Maryland EMSC will again offer APLS in July 12, 2018 and December 14, 2018 at MIEMSS in partnership with the regional pediatric medical directors and pediatric base station physicians are offering Hybrid APLS courses (AAP/ACEP). For more information email: pepp@miemss.org
- ✍️ **ENA CPEN** review course was sponsored in June 2017 and are planned for both one and two day formats in 2018 – 2022.



Maryland PEMAC

Update on EMSC State Partnership Performance Measures (2017 & 2018)

Status of EMSC Performance Measures as of June 2017: The table below provides a summary of the Maryland EMSC program as reported in the June 2017 HRSA EHB, ongoing work and achievements. Those EMSC PM that have been moved to EMSC PM 09 (2017) are listed first.

EMSC PMs (OLD)	Maryland EMS for Children 2017 Status	Status
<p>71 & 72: Pediatric online and offline medical direction for BLS and ALS providers</p>	<p>100% availability statewide. EMSC supports the development and training for annual protocol updates and provides “physician talent” for the online Learning Management System accessed by EMS and Hospitals. In 2016 Maryland EMS protocols, pediatric age groups were realigned and condensed to 7 specific ages and all protocols brought into alignment. AHA 2015 guidelines for pediatrics and newly born resuscitation were updated. Pediatric Base Station courses are taught to ensure online medical direction remains current to MD, DC and DE providers who receive Maryland patients and operate pediatric transport teams.</p>	<p>HRSA confirmed as Met 2008</p>
<p>73: Pediatric equipment for BLS and ALS agencies as per national equipment standards</p>	<p>Survey response rate was 100% in 2013 Cohort. Maryland’s Voluntary Ambulance Inspection Program 2016 standards meet and exceed the national consensus guidelines from 2014 (ACS/ACEP/AAP Policy Statement 2013). Not all EMS agencies participate and so Maryland is finalizing a Minimum Ambulance Standard for consideration in 2018. All Commercial Interfacility ambulances meet or exceed the 2014 national guidelines.</p>	<p>HRSA confirmed State Statue Met 2008. Compliance is monitored.</p>
<p>78: The adoption of requirements for continuing pediatric education during recertification of BLS and ALS providers</p>	<p>BLS & ALS requirements meet this measure and documents were sent to HRSA in December 2008 and 2011. We continue to provide pediatric education at the BLS, ALS and RN and MD/ DO level with the resources of the EMSC Grant. PEPP-3 courses were offered throughout 2015- 2017. Maryland Children with Special Needs workshop is updated and offered as a preconference three times in 2016. Safe Transport LMS module is online and cards are distributed to every EMS Agency – commercial and public safety. 2017 we will be updating the Newly Born and OB workshop and offering STABLE courses.</p>	<p>HRSA confirmed as Met December 2008</p>



Maryland PEMAC

Update on EMSC State Partnership Performance Measures (2017 & 2018)

Status of EMSC Performance Measures 2017: The table below provides a summary of the current state within the Maryland EMSC program on the new and existing EMSC PMs. The new numbering system is used for ease of reference throughout the Narrative.

EMSC PMs (NEW)	Maryland EMS for Children 2017 Status	Status
01: NEMSIS Data Submission version 3.x	Maryland has participated in NEMSIS data submission in version 2 with all agencies reporting 100% as of April 2015. Prior to that data, submission was provided for all counties participating with eMEDS data (ePCR for Maryland). Submissions continued until July 1, 2017 when version 3 was required	Maryland has worked with ePCR vendor to create version 3 NEMSIS platform that meets the Maryland Protocols. Two counties launched in December 2017 with full implementation targeted for July 1, 2018.
02: PECC – EMS	Maryland participated in the 2017 baseline survey of EMS Agencies with 100% response. 27 EMS Agencies participated in this baseline assessment.	5 Agencies have a PECC 7 Agencies are Interested 2 Agencies plan to add PECC
03: Education – Pediatric Equipment	Maryland participated in the 2017 baseline survey of EMS Agencies with 100% response. 27 EMS Agencies participated in this baseline assessment.	Calculated Score from NEDARC = 8% or 2/ 27 agencies scored 6 or more.
04: Hospital recognition system Pediatric Medical Emergencies	Maryland EMSC participated in NPRP in both 2013 and 2016 with 100% response from all civilian hospitals (N=50). At this time Maryland only has one level of pediatric medical designation- Pediatric Base Station within Pediatric Level 1 Trauma Center. During the past year our work has focused on preparing hospitals to be Pediatric Ready and supporting staff development into the role of Pediatric Coordinator (MD and RN) as requested from hospitals across the state. APLS and CPEN review have again been offered in 2016-2017 years.	Two hospitals are designated at the highest level. Maryland EMSC has developed proposed PED criteria and standards that include three levels of capability. The process proposed will be voluntary with the goal of an inclusive system.
05: Hospital recognition system Pediatric Trauma Emergencies	State trauma system included designation of pediatric trauma and burn centers. Maryland has two level 1 pediatric trauma center re-designated in 2015/2017 and two pediatric burn centers re-designated in 2015/2013. Ongoing QI at state and hospital level continue through Trauma and Pediatric QIC. Both Pediatric Burns centers submit data to MIEMSS registries and the NTDB and ABA Burn Data Repository.	HRSA confirmed as Met 2008



Maryland PEMAC

Update on EMSC State Partnership Performance Measures (2017 & 2018)

<p>06: Written inter-facility transfer guidelines for pediatrics with all components</p>	<p>Maryland Interhospital Transfer Resource Manual that includes all six components of the PM was last updated in 2014 with the addition of Stroke and Stemi sections. Full review and update will occur in 2019 on the five year cycle. EMSC grant supports four base station courses for new staff and fellows as Pediatric Base Stations</p>	<p>HRSA confirmed as Met 2008</p> <p style="background-color: yellow;">Reassessment will be done with all hospitals May 2018</p>
<p>07: Written inter facility hospital transfer agreements for pediatric transfer</p>	<p>Maryland Interhospital Transfer Resource Manual includes standardized transfer checklists and provides agreements between all Maryland designated hospitals. Hospitals maintain out of state transfer agreements. Full review will occur in 2019 on the five year cycle.</p>	<p>HRSA confirmed as Met 2008</p> <p style="background-color: yellow;">Reassessment will be done with all hospitals May 2018</p>
<p>08: States/Territories have established permanence of EMSC in the State/Territorial EMS system</p>	<p>All of the components of this EMSC PM have been met and continue to be met.</p> <ol style="list-style-type: none"> 1. PEMAC meets six times a year with all required members in attendance; 2. AAP membership on State SEMSAC remains filled. 3. EMSC State Director & Pediatric Medical Director positions are state funded along with stipends for five regional pediatric medical directors. 	<p>HRSA confirmed as Met December 2008</p> <p>All activities of the PEMAC are listed on the website and EMSC program bimonthly updates appear on the right side of the site.</p> <p>http://www.miemss.org/home/emsc</p>



Maryland PEMAC

Update on EMSC State Partnership Performance Measures (2017 & 2018)

Performance Measure #09: The degree to which the State/Territory has established permanence of EMSC in the State/Territory EMS system by integrating the EMSC priorities into statutes/regulations. **Current Status:** This EMSC Performance Measure includes eleven elements. The table below provides a summary of the Maryland EMSC department's current status for these elements.

Element	Mandated in Statute/Regulation	Maryland 2017 Status	2017 EHB Report	Maryland Code
1	Submission of NEMSIS Compliant Data to state EMS Office	MIEMSS is currently using NEMSIS version 2 statewide and has been submitting to the national database for five years. Currently two counties are piloting the Elite platform for NEMSIS version 3.4.	N/A	30.03.04.04 requires ePCR meet MIEMSS standards
2	Designated EMS Pediatric Emergency Care Coordinator	Maryland EMSC participated in the 2017 base line survey with 4 EMS agencies reporting having a PECC of 27. First objective is to define PECC for Maryland and develop a network.	N/A	Ongoing work
3	EMS providers to physically demonstrate correct use of pediatric specific equipment.	Maryland has pediatric skills evaluation criteria for BLS and ALS providers entry and recertification/ licensure. We will examine COMAR and state training regulations to evaluate this element.	N/A	Evaluation in year one of COMAR 30.04
4	Hospital recognition system for identifying hospitals capable of dealing with pediatric emergencies for: Medical	Maryland has one level of pediatric special center designation for Medical that requires the hospital to be Pediatric Base Station, Perinatal Center and Pediatric Trauma/ Burn Center. Two hospitals have been designated through regular five year site review cycles. There is still a need for more inclusive process for all hospitals to be pediatric ready.	2 hospitals	Ongoing work
5	Hospital recognition system for pediatric emergencies for: Trauma	State trauma system included designation of pediatric trauma and burn centers. Pediatric Trauma site visits were in 2015-2017 and Pediatric Burn will be in 2018.	Met	COMAR 30.08
6	Written transfer guidelines that include pediatric components for pediatric	Maryland Interhospital Transfer Resource Manual updated to include all six components in the PM 06 and was last updated in October 2014 with Pediatric and Perinatal Centers. Due	Met	COMAR 30.03.06



Maryland PEMAC

Update on EMSC State Partnership Performance Measures (2017 & 2018)

	interfacility transfer within hospitals	for revision in 2019.		
7	Written hospital transfer agreements for pediatric interfacility transfer	Maryland Interhospital Transfer Resource Manual and hospital designation regulations serve as agreements for all hospitals. Recently updated with comprehensive Stroke in 2016. Due for revision in 2019.	Met	COMAR 30.03.06
8	Pediatric online medical direction for BLS and ALS providers	Pediatric online medical direction is available in all EMS jurisdictions and aviation. All have access to the two pediatric base stations which have codified criteria and regulatory standards. 100% availability statewide	Met 2008	COMAR 30.03.03
9	Pediatric offline medical direction for BLS and ALS providers	Pediatric protocols are integrated into the one statewide protocol. These are available to all EMS providers in hard copy, PDF and online 24/7. 100% availability statewide	Met 2008	COMAR 30.03.05
10	Pediatric equipment for BLS and ALS patient care units	MIEMSS Ambulance Equipment standards for public safety meet the current ACS/ACEP/ NAEMSP/ EMSC standards. The process is voluntary in partnership with Maryland State Firemen's Association. Survey response rates of 100% in 2010 and 2013 for BLS and ALS.	Vehicle list meets national guideline	Voluntary process meets. Needs a mandate.
11	The adoption of requirements for continuing pediatric education during recertification of BLS and ALS providers	BLS & ALS requirements for pediatric CE have been met and documents were sent to HRSA in December 2008 and 2011. Maryland is now national registry for both EMT and NPR. Plan to transition CRT – Intermediate are ongoing.	Met Dec 2008	COMAR 30.04



PEMAC Education Subcommittee Update March 2018



1. BLS Subcommittee:

EMT scenario work completed. Thanks to PEMAC members for your input and review.

2. ALS Subcommittee:

As a FYI, NREMT will no longer hold I-99 examinations as of 12/31/2019. Comparison to be made between NREMT AEMT and Maryland CRT and further discussion/analysis to take place during 2018.

3. Continuing Education Updates:

a) APLS Courses

- 2018 Course Offerings
 1. July 12th @ MIEMSS
 2. December 14th @ MIEMSS

b) PEPP Courses

- None scheduled at this time.

c) Additional Course Offerings

- February 2018 offering in Southern Maryland
 1. When the Stork Dials 911 – held with 20 people
 2. S.T.A.B.L.E. – held with 20 people

4. Pediatric Courses – Planning & Updates:

a) **National PEPP Steering Committee:** No Update

b) **Maryland PEPP Steering Committee:** Send 2018 dates to pepp@miemss.org

5. Video/Web Training - Speakers and content reviewers are needed for webinars.

Completed Webinars available on MIEMSS LMS:

- a) ALTE – Karen O’Connell MD – Available on LMS
- b) Carbon Monoxide Hazards and Response – Major Dennis Wood, MS, NRP – Available on LMS
- c) The Silent Killer – CO & Children – Karen O’Connell, MD – Available on LMS
- d) Safe Transport of Children in Ambulances – Available on LMS

Webinars in process/planning:

- e) OB & Newborn Emergencies – Current workshop to be modified for 2 separate LMS
 - OB Emergencies LMS to be presented by Jen Fahey, CNM, MPH
 - Neonatal Resuscitation LMS by Webra Price-Douglas, PhD, CRNP
- f) Pediatric Vascular Access – current workshop has 4 lectures, planning to convert core Hydration Assessment lecture by Jessica Strohm-Farber DNP, CPNP-AC

Educational Products – Available from the Maryland EMSC Program Office
1. IO DVD – 2010
2. BLS TRIPP – 2007 updated version
3. Trach Care for All Ages – CD with slides & handouts – in need or revision from 2004 publication
4. MOULAGE – Slides and instructional handouts on CD
5. Child Victimization – CD with cases in slides for interactive discussion
6. MIEMSS BLS Lower Extremity Immobilization instructor resource DVD (from E&C)

Please see EMS & Prevention Educational Conferences 2018 handout

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

Email for Pediatric Education is pepp@miemss.org



Emergency Medical Services for Children (EMSC)

Maryland Institute for Emergency Medical Services Systems (MIEMSS)
653 West Pratt Street, 4th Floor, Room 432 Baltimore, Maryland 21201
410-706-1758 FAX 410-706-3660



2018 Educational Conference List

January 26 – 28, 2018 – Winterfest EMS Conference, Easton, MD
Preconference – When the Stork Dials 911 (Friday)

February 16, 2018 – S.T.A.B.L.E. Course, St. Mary's County
Email- pepp@miemss.org for more information

February 17, 2018 – When the Stork Dials 911 Course, St. Mary's County
Email- pepp@miemss.org for more information

March 9 & 10, 2018 – Miltenberger Trauma & EMS Conference, Rocky Gap, MD
Preconference – Pediatric Resuscitation
For more information visit www.miemss.org

March 16, 2018 – Children's National Health System Trauma Update @ CNHS, Washington, DC
For more information contact ccolson@childrensnational.org

March 24, 2018 Public Fire & Life Safety Educator Seminar @ MFRI CP
Flyer and Registration @ www.mfri.org (under seminars)

April 19, 2018 – Maryland ACEP Conference @ BWI Marriott
For more information visit www.mdacep.org

April 24, 2018 – Meritus Trauma Conference @ Meritus Health, Hagerstown, MD
Contact Ruth Leizear @ ruth.leizear@meritushealth.com for registration information

April 25-29, 2018 – EMS Care – Ocean City, MD
Preconference – PEARS Course (Thursday)
For more information visit www.miemss.org

April 26-27, 2018 – 2nd Annual Child Abuse Symposium @ CNHS, Washington, DC
Register online at <https://traumaburneducation.ticketleap.com/>

April 30 – May 2, 2018 – National EMSC All Grantee Program Meeting, Houston, TX
For more information visit <https://emscimprovement.center/>

May 10, 2018 – ENA by the Bay @ MITAGS, Linthicum Maryland
For more information visit www.mdena.org

June 17 – 20, 2018 MSFA Convention in Ocean City
For more information visit www.msfa.org

June 22, 2018 – Summer Injuries Symposium @ CNHS, Washington, DC
For more information contact ccolson@childrensnational.org

October 19, 2018 – Children's National Health System Trauma Update @ CNHS, Washington, DC
For more information contact ccolson@childrensnational.org

November 7, 2018 – 12th Annual EMS for Children Research Update
EMS and Emergency Care Research updates

November 9, 2018 – Mid Maryland ENA Memorial Conference, Silver Spring, MD
For more information visit www.mdena.org/events/mmc-ena-memorial-conference/

November 30, 2018 – Children's National Health System Trauma Core @ CNHS, Washington, DC
For more information contact ccolson@childrensnational.org

More conferences & seminars will be added as dates are finalized

Please email other 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



***CPS & OP Healthcare Project
EMS for Children Program @ MIEMSS***

Office: 410-706-8647 Fax: 410-706-3660
www.miemss.org/home/emsc/cps

PEMAC UPDATE: March 7, 2018
The CPS & OP Healthcare Project

Since the last PEMAC meeting the project coordinator:

- Staffed a display at the Winterfest EMS conference in Easton on January 27-28. Covered CPS and drowsy driving. About 100 emergency providers were in attendance.
- Conducted a 2 hour training to 15 newborn nursing staff at Meritus Medical Center in Hagerstown. Gave them a car bed to keep in case they must send a baby home in it, and gave them a preemie doll to use in educating their families on car seat use.
- Worked on arrangements for Dr. Alisa Baer to be the speaker for Peninsula Regional Medical Center's Pediatric Grand Rounds on April 12, 2018. The title of her talk is, "From the Back Seat to the Driver's Seat: What every outpatient AND inpatient pediatric healthcare provider needs to know about car safety for kids." Healthcare providers from the greater Salisbury area are invited to this presentation.
- Gave a car bed to the CalvertHealth (Calvert Memorial Hospital) newborn nursery for use of a baby who repeatedly failed the car seat test.
- Helped at four safety seat checks during this period: three for Safe Kids-Baltimore and one as part of the Baltimore County Seat Check schedule, in Reisterstown.
- Helped teach the CPS technician certification class in Clarksville to ten students.
- Provided educational responses to proposed CPS legislation. HB 1164 seeks to add the statement, "A person transporting a child under age 2 years in a motor vehicle shall secure the child in a rear-facing child safety seat unless the child is at least 40 pounds or at least 40 inches tall." HB 1501 seeks to require Maryland hospitals to provide CPS education to children under age 8 prior to discharge.
- Sent the three 2018 versions of Safe Ride News factsheets to multiple healthcare providers.
- Worked on the drowsy driving grant: Helped staff an exhibit at the University of Maryland Medical Center on February 1. Had Jeffrey Ellenbogen, MD, MMSc give the Evening Broadcast at Shock Trauma on drowsy driving, its causes, consequences and counter-measures. Several emergency departments or EMS agencies listened from remote locations and the session is now on MIEMSS' LMS system for continuing education and CEUs. Gave a brief introduction on the Campaign at the TraumaNet meeting on Feb 14. Distributed the Campaign kits and stand up banners to participating agencies.

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



Maryland RISK WATCH® Team February 2018



Update to the MSFA Executive Committee and Fire and Injury Prevention & Life Safety Committee

Maryland Risk Watch Team extends a sincere **THANK YOU** to the MSFA and LAMSFA leadership and members for their support throughout the past seventeen years. As we start to plan for the 2018 MSFA Convention, we encourage all members of the Fire & Injury Prevention and Life Safety Committee to actively participate in the interactive displays. Training for each of the stations is provided on Sunday of Convention and can be done as just in time training.

The day to day work of this team of volunteers recognizes the primary support given by the MSFA through the Fire & Injury Prevention and Life Safety Committee. In partnership with Safe Kids Maryland, resources are coordinated and teaching tools are mobilized to reach children and teens across the state through day time, weekend and evening programming.

2018 MSFA Convention: Planning for the 2018 MSFA Convention is well underway. We have ongoing commitment from Maryland EMSC, EMSC Child Passenger Safety Project, the EMSC Family Advisory Network, Safe Kids Maryland, Cecil County Department of Emergency Services, Peninsula Regional Medical Center and the American Trauma Society.

The committee requests Room 213 as a permanent location as long as possible. Room 213 not only provided better space for educational activities but access on Saturday for set up and Sunday for training sessions which allowed the adult injury prevention content experts to prepare youth volunteers for the week's activities (Risk Watch Goal 2). An additional benefit of Room 213 is the "just for a moment" access for adults who were going between other Convention activities and duties. Many of the adults visit each station and gathered materials for their own prevention activities back home (Risk Watch Goal 4).

Mascot Training will be offered as part of the spring Fire & Injury Prevention Committee meeting on March 24, 2018 (Saturday Seminar at MFRI) as well as on site Sunday at the MSFA Convention for both Mascot volunteers and escort volunteers. Placing Mascot faces in the windows and having Mascots walk the convention areas with escorts has increased participation of both MSFA company members and the general public that come to see the interactive stations.

Adult Content Experts: leaders from the Prevention Community will continue to provide consistent adult mentors at each display table/ activity. The committee will be working with the State EMD committee to recruit more mentors for 9-1-1 training.

Volunteers: Are always welcome and the sign up for the 2018 MSFA Convention will go live though Event Brite in March 2018.



Maryland RISK WATCH® Team February 2018



Risk Watch Stations at 2018 MSFA Convention plans are listed below along with the lead agency:

1. Make the Right Call : 9-1-1 (Cecil County DES)
2. Get out and Stay Out: Fire Safety (looking for a lead company/ county)
3. Home Safety –Medication Safety (Safe Kids Maryland)
4. Preschool Tables:
 - Burn Safety – “What’s Hot & What’s Not”
 - Poison Safety – “Safe, Not Safe, Ask An Adult”
5. American Trauma Society (PRMC Trauma Center) topic to be determined
6. Pool Safety and Water Safety – (Safe Kids Maryland)
7. Child Passengers Safety (MIEMSS EMSC CPS project/ Safe Kids Md)
8. Drowsy Driving Awareness (MIEMSS EMSC CPS & OP project)
9. Emergency Ready Families (EMSC Family Advisory Council)
10. Heat Stroke prevention Outdoor Thermometer Display (MSFA & EMSC CPS Project) as space allows
11. Safety in the home for seniors – display to be developed by Fire Prevention Committee members
12. Risk Watch and Safe Kids Resources for adults on how to replicate at station or country level

The Maryland RISK WATCH team has four objectives at Convention:

1. To provide young children and school age children hands on education experiences to be safer in their homes & communities through both psychomotor skills and new knowledge about high risk injuries.
2. To provide young life safety advocates (twens, teens and young adults) with a mentored experience and specific lesson plans to work with younger children and their families.
3. To empower parents and care providers with knowledge on both the risks and the prevention strategies to keep everyone safer in their home and community (infants through seniors).
4. To demonstrate interactive safety displays based upon evidence based and best practices for life safety advocates across Maryland’s EMS, Fire & Rescue services.



Maryland RISK WATCH® Team February 2018



Maryland Risk Watch Team at the state level is planning for 2018 convention in partnership with Safe Kids Maryland and local coalition support from Safe Kids, American Trauma Society and the Family Advisory Network of EMS for Children. We welcome your suggestions and request your support in recruiting adult and youth volunteers for 2018. Please contact the committee with new ideas at riskwatch@msfa.org.

Maryland Safe Kids Updates: Grant from Safe Kids Worldwide has been received for Safe Kids Day events that will be incorporated into the MSFA Convention activities room. Medication Safety Grant focused on “OTC” (over the counter) medication safety for preteen and teens has been applied for through SKWW.

Prevention Save the Dates:

Safe Kid Maryland Coalition 2018 Meetings:

March 7, 2018 @ MIEMSS Room 212 from 12:30 PM – 3:00 PM
MIEMSS Headquarters 653 West Pratt Street, Baltimore Maryland

September 5, 2018 @ MIEMSS Room 212 from 12:30 PM – 3:00 PM
MIEMSS Headquarters 653 West Pratt Street, Baltimore Maryland

Public Educator Life Safety Seminar – March 24, 2018 at MFRI QH in College Park
Agenda and Registration are posted at www.mfri.org under the Seminar tab.

- 🚒 Morning Key Note – Opioids: Danger to your community and to responders
- 🚒 Community Resources: who, what & where to find local resources
- 🚒 Burn Prevention: Teaching all ages what is “Too Hot to Touch”
- 🚒 Prevention Messages through Mascots
- 🚒 Public Fire Prevention Education: reaching different audiences
 - ✍ *Networking Lunch provided*
 - ✍ *Resource displays with posters, sample handouts, and website references*
 - ✍ *MSFA Fire & Injury Prevention Life Safety Committee updates*



Maryland RISK WATCH® Team February 2018



Risk Watch Communities with materials in schools, after school and community events are listed below.

We would like to have a contact for Risk Watch and Safe Kids in each county to facilitate getting new information out and to share the camera ready public safety messages from national organizations. Please email riskwatch@msfa.org if you would like to be one of your counties contact.

County	Contact	Target Audiences
Carroll County	Debbie Gartrell Kemp	Winfield & Linton Elementary County Fair
Calvert County	St Leonard VFD	Safety Events
Cecil County	Holly Trego Depart of Emergency Services	Safe Kids activities and County safety events
Frederick County	<i>contact needed</i>	Health Department resource
Garrett County	Diane Lee Health Department	Safe Kids activities Child Passenger Safety
Howard County	<i>contact needed</i>	Park and Recreation Department
Johns Hopkins Pediatric ED	Mary Ellen Wilson RN EMSC FAN Council Chair	Safety information for families and Safety displays
Montgomery County	Beth Anne Nessel County Fire & Rescue	Public, Private and home school Safe Kids Coalition
Prince George's County	Teresa Ann Crisman Fire & EMS Department	Special Needs Safe Kids Coalition County safety events
Prince George's County	Teresa Ann Crisman PGCVFRA	Special Needs County safety events
Queen Anne's County	David Reid	Elementary Schools
Rock Hall (Kent County)	Andrea Joyner RN Health Department	Safety Events
Tilghman Island (Talbot County)	School Library	Resource curriculum
Washington County	Kelly Llewellyn RN Meritus Trauma Center	Safe Kids Coalition American Trauma Society member
Wicomico County	Kari Cheezum RN PRMC Trauma Center	Safe Kids activities American Trauma Society member
<i>More are welcome to join</i>		



Maryland RISK WATCH® Team February 2018



Heatstroke Prevention Project:

The Outdoor Stand-Up Temperature Display is an excellent tool to create awareness of how a vehicle can quickly heat up to where the inside temperatures could kill a child. Awareness and behavior modification among caregivers are key to preventing the majority of these tragic deaths. The Maryland State Firemen's Association provided the funding for three displays that are part of the Risk Watch Maryland and Safe Kids Maryland outreach education to be used across the state. The 78" tall metal display is transported in a case that is 28"x48"x13," and requires at least two people to set up. One display is housed at MIEMSS in the CPS project (Susanne Ogaitis Jones contact), one display is housed at Prince George's County Fire & EMS (Teresa Ann Crisman contact), and one display is housed at Cecil County Department of Emergency Services (Holly Trego contact). For more details or to reserve it for your agency's use, contact cps@miemss.org.

The Outdoor Stand-Up Temperature Display demonstrates how hot the inside of a vehicle can get, even on a cloudy day or one with mild temperatures. Within a very short period of time, the rise in heat could kill a child, or pet, left in a vehicle. Remember—do not ever leave a child or animal alone in a car; not even for a moment.

NEW: Drowsy Driving Awareness & Prevention Campaign for Maryland Healthcare Agencies

MIEMSS EMSC Child Passenger Safety & Occupant Protection project has a one year grant to provide Maryland public safety and healthcare agencies various free materials to conduct an awareness and prevention campaign on drowsy driving. The Campaign kit includes social media materials, videos, handouts, incentive items, publishing-ready articles and photos, and a lobby display. The EMS broadcast from R A Cowley Shock Trauma Center in February featured a local neurologist and fire fighter from Baltimore County on the science of Drowsy Driving. The 11 Trauma Centers will combine public safety education on distracted and drowsy driving in April.

When: Campaign can be conducted anytime between February-June 2018

Who: Maryland healthcare providers at hospitals, EMS Fire and Rescue companies, and commercial ambulance companies, and the public.

How: to register to participate or to learn more, contact Susanne Ogaitis-Jones at 410-706-8647 or cps@miemss.org





Pediatric Emergency Medical Advisory Committee

March 7, 2018 @ 9:30 AM to 3:00 PM

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

Type of meeting:	Pediatric Emergency Medical Advisory Committee Regular Business meeting 9:30 AM -12:00 Noon Safe Kids Maryland State Coalition Meeting 12:30 to 2:30 PM Maryland CPS Board Meeting 2:30 to 4:30 PM	
Attendees:		
Conference call in:		
RSVP unable to Attend:		
	Proposed Agenda	
9:30 AM	Welcome & Introductions 1. Brief introduction of those present & on phone 2. Quick Review of Go To Meeting participant access 3. List of Documents & Committee Reports posted on the website	Cynthia Wright Johnson RN
9:40 AM	PEMAC Business: 1. Review of January 2018 Minutes 2. 2018 PEMAC Dates and forums are posted on the website. 3. May 2, 2018 meeting has no afternoon forum at this time – FAN Council will be held after hours / weekend to include families. Room is available for workgroups.	Linda Arapian RN/ Dan Ochsenchlager MD
10:00 AM	Update on 2018EMSC Performance Measures – EMSC 01- Submission of NEMSIS 3.x data – eMEDS elite 3.4 is implemented in Queen Anne and Talbot Counties. Rolling implementation is planned for January through June 2018. 2017 EMS Agency Survey – Maryland achieved 100% participation 🚑 EMSC 02 – Pediatric Care Coordinate Coordinator for EMS Agencies – Training at EMS Care Friday April 27, 2018 🚑 EMSC 03 – Pediatric Equipment Use & Education Projects for 2018-2019 are: <ul style="list-style-type: none"> ○ Pediatric HP CPR ○ Pediatric Tracheostomy Care ○ Pediatric Airway ○ Newly Born Resuscitation EMSC PM 04 – Pediatric Readiness 1. Pediatric Education for hospitals: <ol style="list-style-type: none"> a. APLS Hybrid Courses: July 12 & December 14, 2018 b. CPEN review courses to be planned for fall pending funding of full grant c. ENPC Course – www.ena.org 	Cyndy Wright Johnson RN William Thompson PhD/ Jason Cantera EMT Cyndy Wright Johnson RN

- d. STABLE courses offered regionally by NICUs
- e. FEMA Pediatric Disaster MGT 439 course – June 12 & 13, 208 at MFRI College Park. Registration: Link for registration: <https://tinyurl.com/yac8ugx3>

EMSC PM 05 – Pediatric Trauma/ Burn Centers –
 Maryland has met this measure and continues to work with both pediatric trauma and burns centers through QI, Education and Prevention programs.

NEW: COMAR regulations for both pediatric burn and pediatric trauma are under revision as part of the normal regulatory update process.

EMSC PM 06 & 07: Interfacility & Special Consults

1. Pediatric Base Station Courses: 2018

Additional course(s) may be added for NICU teams in Baltimore and Wilmington

Date	Location	Deadline
1/18/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	1/5/2018
4/19/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	4/6/2018
7/25/2018 (Wednesday)	Children’s National Medical Center EMTC Conference Room 111 Michigan Ave NW Washington DC 20010	7/13/2018
9/13/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	8/31/2018

2. Neonatal and Pediatric specialty transport update from Base Site Visits (October – February)

EMSC PM 08 – EMSC Permanence – Achieved

Please see the new summary of each of the EMSC PM that is on the second page of the EMSC Performance Measure 2018 Update and in the minutes.

EMSC PM 09 – Codification of all requirements old/new
 (Please see the new summary of each of the EMSC PM)

Online & Off Line Medical Direction – our protocol work and base station courses

EMS Equipment for Pediatrics – now will need to be codified or demonstrated in the VAIP and SOCALR equipment lists.

Pediatric Education – now will need to be codified or demonstrated in BLS and ALS core training and CME. Our plan is to continue to support Hospital professional education under EMSC PM 04.

- 1. 2018 Conferences are scheduled and pediatric pre-conferences are set through July 2018

Cyndy Wright Johnson
RN

Lisa Chervon MA NRP

Cyndy Wright Johnson
MSN RN

Danielle Joy RN NRP

	<ol style="list-style-type: none"> 2. BLS Committee – new recertification cycle will run for 3 years. 3. ALS Committee 	<p>Richard High EMT</p> <p>Judy Micheliche NRP</p>
10:30 AM	<p>Maryland Protocols for EMS Providers</p> <ol style="list-style-type: none"> 1. Pediatric High Performance CPR - update on training and review of Reference Card/ Poster for EMS training 2. PD Tree proposed Research Protocol update 3. Trauma – Needle Decompression update 4. Pelvic Binder – evaluation of “fit” for children 5. Advance Airway 2018 update: <ol style="list-style-type: none"> a. NEW - intubatable LMA b. changes to Video laryngoscopy 6. Children With Special Health Care Needs – universal protocol under development with Montgomery County 7. Termination of Resuscitation (2019) Focus groups have been held throughout the state with one more to conduct with families. 8. Spinal Protection / Immobilization protocol –Algorithm work will continue into 2018 9. 2019 protocol development and updates need to be presented to PEMAC at the May or July meeting to allow for development time 	Jennifer Anders MD
11:00 AM	<p>Family Centered Care Sub Committee</p> <ol style="list-style-type: none"> 1. Right Care Awards –2018 Nomination forms are available on the MIEMSS website: under documents or http://www.miemss.org/home/public 2. Emergency Ready Family” project update 3. EMSC National FAN meeting will be in May 2018 – TX 	Mary Ellen Wilson RN

<p>11:15 AM</p>	<p>Maryland Organizations & Committees</p> <p>AAP Updates</p> <ul style="list-style-type: none"> ➤ Maryland update – COPEM & COVIPP ➤ National update – COPEM <p>ACEP Updates - new website & management</p> <p>www.mdacep.org</p> <ul style="list-style-type: none"> ➤ Maryland update – EMS Committee ➤ Maryland's NEW - Pediatric Committee ➤ National Updates <p>ENA Updates - www.mdena.org (NEW website live)</p> <ul style="list-style-type: none"> ➤ State report ➤ Local updates ➤ Maryland ENA Regional Conferences (www.mdena.org) <p>SCHOOL HEALTH Updates</p> <ul style="list-style-type: none"> ➤ School Health committee(s) update ➤ School Emergency Health Guidelines <p>Critical Care Updates</p> <ul style="list-style-type: none"> ➤ AACN ➤ AAP <p>Commercial Ambulance Service Advisory Committee (CASAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ SCT subcommittee – workgroup on protocols ➤ Neonatal subcommittee – to be reconvened in 2018 ➤ Obstetrical transports- workgroup of SCT <p>Jurisdictional Affairs Committee (JAC @ MIEMSS)</p> <ul style="list-style-type: none"> ➤ BLS ➤ ALS 	<p>Rich Lichenstein MD</p> <p>Cyndy Wright Johnson RN</p> <p>Kathy Brown MD</p> <p>Kaitlyn Mannon RN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN Jason Custer MD</p> <p>Jill Dannenfelser RN Lisa Chervon NRP</p> <p>Richard High EMT Judy Micheliche NRP</p>
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<p>11:30 AM</p>	<p>Research and EVBG update</p> <p>1. EMSC TI Grant updates</p> <ul style="list-style-type: none"> ✓ PDTree: An EMS Triage Tool for Pediatric Destination Decision Making (J Anders MD) <p>2. Pelvic Binder – pediatric “fit” pilot project at JHCC</p> <p>3. WB-CARN EMS partner in Prince George’s County</p> <ul style="list-style-type: none"> ✓ Data Linkage Project ✓ Asthma Scoring Tool Project ✓ First Watch data / tracking <p>4. Ongoing Pediatric QIC & DART projects</p> <p>Evaluation of protocols</p> <ul style="list-style-type: none"> ✓ Region 3 Seizure project – Rich Lichenstein MD ✓ Pediatric RSI –Process and Outcome project ✓ CPR and Cares Report for pediatrics include all of 2017 data – April meeting ✓ 2016 – 2017 Sepsis – Jen Anders MD & Nick Wyns PhD NRP experience is being presented at conferences in 2018 ✓ C-Spine project to be discussed in April ✓ EMS Compass measures: pediatric and others ✓ Standardized Pediatric Transport reports- Renewing this process with the National Study Center <p>5. Other projects - EMS RIG update</p>	<p>Jen Anders MD</p> <p>Bob Kelly MD</p> <p>Kathy Brown MD</p> <p>Jen Anders MD</p> <p>Committee</p>
<p>11:45 AM</p>	<p>Injury Prevention Sub Committee & Updates</p> <p>Please see Summaries from :</p> <p>a. EMSC: CPS & OP Healthcare Project (Maryland DOT Highway Safety Office)</p> <ul style="list-style-type: none"> ✓ Drowsy Driving – February 7th EMS Evening Broadcast went well. MSFA Convention and MidAtlantic Life Safety Conference will also have a Drowsy Driving presentation ✓ CPS Technician scholarship available for 2018 courses – contact cps@miemss.org ✓ CPS Rapid Educational Response Kit – will highlight again for May EMS week ✓ CPS and heatstroke to children left in cars displays are available and kick off will start soon <p>b. Prevention Legislation</p> <ul style="list-style-type: none"> ✓ CPS Bills 2018 ✓ Other bills <p>c. Safe Kids</p> <ul style="list-style-type: none"> ✓ Maryland Safe Kids Meetings for 2018 will be held in March and September after PEMAC ✓ New Maryland HSO grant – Bike Helmets and Safety has been submitted and will focus on “Right Fit” ✓ Safe Kids Day grants –State Coalition has received approval for March 24 training and June Event ✓ Safe Kids OTC Medication Safety Grant has been awarded to the state coalition 	<p>Susanne Ogaitis Jones MSPH CPST-I cps@miemss.org for materials and information</p> <p>Cyndy Wright Johnson RN</p>

	<p>d. Maryland Risk Watch/ MSFA –2018 Convention planning has started. Volunteer Sign up will go live March 24, 2018!</p> <p>e. ENA: IQSIP – Institute for Quality, Safety and Injury</p> <ul style="list-style-type: none"> ✓ Prevention updates @ ENA national website ✓ Buckle Up initiative with NHTSA will be operationalized in Maryland with a PSA <p>f. Partnership for Safer Maryland: Camille Burke is the new president and will be joining us this afternoon with an update</p>	<p>Cyndy Wright Johnson RN</p> <p>www.mdena.org</p> <p>Safermaryland.org</p>
11:50	Old Business	Committee
11:55	New Business	Committee
12:00 Noon	Networking Break	Committee
12:30 – 2:30 PM	Safe Kids Maryland State Coalition Meeting	
2:30 – 4:30 PM	Maryland CPS Board Meeting 2:30 to 4:30 PM	