



Pediatric Emergency Medical Advisory Committee
November 1, 2017 @ 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 11th Annual Research Forum 12:30 - 3:00 PM
Attendees:	
Conference call in:	
RSVP unable to Attend:	
Proposed Agenda	
9:30 AM	<p>Welcome & Introductions</p> <ol style="list-style-type: none"> Brief introduction of those present & on phone Quick Review of Go To Meeting participant access List of Documents & Committee Reports posted on the website <p align="right">Cynthia Wright Johnson RN</p>
9:40 AM	<p>PEMAC Business:</p> <ol style="list-style-type: none"> Review of September 2017 Minutes 2018 PEMAC Dates and forums are posted on the website. January 3 2018 – please recruit a friend to come to the pilot of <i>It's My Life. It's Now or Never...</i> <p align="right">Linda Arapian RN/ Dan Ochenschlager MD</p>
10:00 AM	<p>Update on 2017 EMSC Performance Measures –</p> <p>EMSC 01- Submission of NEMSIS 3.x data – eMEDS elite 3.4 will be piloted in Queen Anne and Talbot county during November and December. 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 – Maryland is looking for a new name / term than PECC. Ideas welcome. Winter meeting is in planning phases. EMSC 03 – Pediatric Equipment Use & Education <ul style="list-style-type: none"> ○ Pediatric HP CPR ○ Pediatric Tracheostomy Care ○ Newly Born Resuscitation ○ One more _____ <p>EMSC PM 04 – Pediatric Readiness</p> <ol style="list-style-type: none"> Pediatric Education for hospitals: <ol style="list-style-type: none"> APLS Hybrid Courses for 2017- please see handout for dates for November & December 2017. CPEN review courses to be proposed in new EMSC State Partnership Grant application <p align="right">Cyndy Wright Johnson RN</p> <p align="right">Cyndy Wright Johnson RN</p> <p align="right">Cyndy Wright Johnson RN</p>

- c. ENPC Course – www.ena.org
- 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 75 – 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 76 & 77: Interfacility & Special Consults

1. Pediatric Base Station Courses: 2018

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
7/25/2017 (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

EMSC PM 78 – EMS Education

1. 2018 Conferences are scheduled and pediatric pre-conferences are being finalized
2. BLS Committee – received input from PEMAC volunteers on the content to be covered in the next 2- 3 year recertification cycle.
3. ALS Committee
- 4.

Danielle Joy RN NRP

 Richard High EMT

 Judy Micheliche NRP

10:30 AM

Family Centered Care Sub Committee

1. **Right Care Awards** –2018 Nomination forms are available on the MIEMSS website:
<http://www.miemss.org/home/public>
2. **Emergency Ready Family” project update**
3. **MSFA Convention Risk Watch/ Safe Kids – ideas for 2018**
4. **EMSC National FAN update** – the new EIIC for EMSC has launched a new website:
<https://emscimprovement.center/search/?q=Family+Advisory+Network>

Mary Ellen Wilson RN

<p>10:45 AM</p>	<p>Maryland Organizations & Committees</p> <p>AAP Updates</p> <ul style="list-style-type: none"> ➤ Maryland update – COPEM & COVIPP ➤ National update – COPEM: <i>input on Emergency Information Form /Format shared. Dec 8 & 9, 2017 meeting in DC.</i> <p>ACEP Updates - new website & management 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>New Liaison – pending final nomination</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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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 11th Annual Research Forum 12:30 - 3:00 PM	
Attendees:	Robert Wack MD; Richard Lichenstein MD; Daniel Ochsenschlager MD; Jennifer Anders MD; Mary Ellen Wilson RN; Jill Dannenfesler EMT-B; Isam Nasr MD; Cathy Park RN; Emily Dorosz RN; Jeffrey Huggins NRP; Lisa Chervon NRP; Cynthia Wright-Johnson RN; Danielle Joy RN; Susanne Ogaitis-Jones; Caleb Ward MD, Laurel Moody RN	
Conference call in:	Linda Arapian RN, Rick High EMT, Kathy Brown MD, Emily Dorosz RN, Sam Zhao, MD	
RSVP Regrets:	Stephaine Sisler, MD; Karen O'Connell MD	
Agenda and Minutes – Approved January 3 2018		
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 September 2017 Minutes: Motion by Mary Ellen Wilson RN, seconded by Rick High EMT and approved unanimously. 2. 2018 PEMAC Dates and forums are posted on the website. January 3 2018 – please recruit a friend to come to the pilot of <i>It's My Life. It's Now or Never...</i> We will be piloting the workshop for the spring conferences to rollout HP CPR for pediatrics.	Linda Arapian RN/ Dan Ochsenschlager MD
10:00 AM	Update on 2017 EMSC Performance Measures – EMSC 01- Submission of NEMSIS 3.x data – eMEDS elite 3.4 will be piloted in Queen Anne and Talbot county during November and December. Rolling implementation is planned for January through June 2018. Maryland had 100% participation in NEMSIS data submission from April 2015 through July 1, 2017 when version 3 was required. MIEMSS IT and Data plan to be in compliance with 100% participation in summer of 2018. 2017 EMS Agency Survey – Maryland achieved 100% participation <ul style="list-style-type: none"> EMSC 02 – Pediatric Care Coordinate Coordinator for EMS Agencies – Maryland is looking for a new name / term than PECC. Ideas welcome. Winter meeting is in planning phases. EMSC 03 – Pediatric Equipment Use & Education <ul style="list-style-type: none"> o Pediatric HP CPR o Pediatric Tracheostomy Care o Newly Born Resuscitation Suggestions for new topics (2018 - fall programming):	Cyndy Wright Johnson RN Cyndy Wright Johnson RN Cyndy Wright Johnson RN

Estimation of % of burns, assessing and scoring pediatric GCS, CSpine protection algorithm, Safe Transport, Seizures – identification and treatment, EMS handoff to ED – model radio report and in person handoff, Psychiatric topics – suicide, opioid overdose, Sepsis, Weight based medication math and administration, Asthma assessment and scoring, MCI – JumpSTART.

These suggestions will keep PEMAC / EMSC/ Education busy for the next four years of the grant program. The goal is for the Atlantic EMS States/ EAST region of NASEMSO to share products as they are developed.

EMSC PM 04 – Pediatric Readiness

1. Pediatric Education for hospitals:

- a. APLS Hybrid Courses for 2017- please see handout with December 2017 course registration. Both October at MIEMSS and November in Harford county did not have enough participants. Dates for 2018 will be finalized and held at MIEMSS.
- b. CPEN review courses to be proposed in new EMSC State Partnership Grant application to include both two day course for novice test takers and one day hybrid for CEN nurses who want a refresher on pediatric content.
- c. ENPC Course –is coordinated by Maryland Chapter of ENA. Course list online at: www.ena.org
- d. STABLE courses offered regionally by NICUs
- e. FEMA Pediatric Disaster MGT 439 course – June 12 & 13, 208 at MFRI College Park. Pediatric Disaster Response And Emergency Preparedness (MGT439 - 16.00 Hours) taught by Texas A&M Extension Service. Registration: Link for registration: <https://tinyurl.com/yac8ugx3>

EMSC PM 75 – 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 76 & 77: Interfacility & Special Consults – these EMSC PMs have been met but will continue to be supported by grant funding (pending authorization).

1. Pediatric Base Station Courses: 2018

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

Cyndy Wright Johnson
RN

Cyndy Wright Johnson
RN

Cyndy Wright Johnson
RN

	<table border="1" data-bbox="321 96 1110 163"> <tr> <td data-bbox="321 96 516 163">9/13/2018 (Thursday)</td> <td data-bbox="516 96 980 163">MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201</td> <td data-bbox="980 96 1110 163">8/31/2018</td> </tr> </table> <p data-bbox="370 201 1110 464">2. Neonatal and Pediatric specialty transport update: SOCLAR, EMSC and Perinatal programs have been visiting the base hospitals and companies for all NEO Transport Licensees to gather information on best practices and learn about challenges for staffing and equipment. The AAP has published an update on the pediatric and neonatal standards that will be part of the review of COMAR for NEO teams in 2018.</p> <p data-bbox="326 499 748 531">EMSC PM 78 – EMS Education</p> <ol data-bbox="326 537 1110 1100" style="list-style-type: none"> 2018 Conferences are scheduled and pediatric pre-conferences are being finalized and will include pre-conference specific to the needs of the region and pediatric tracks. Pediatric track at each will include introduction of Pediatric HP CPR with QCPR feedback and low fidelity manikins. BLS Committee – received input from PEMAC volunteers on the content to be covered in the next 2- 3 year recertification cycle. Thank you to Robert Wack MD and Cathy Parks RN. Additional resources are being loaded into the instructors corner. ALS Committee: ALS protocol exam is under revision. Maryland is now using the NCCP model for Paramedic licensure: 50% national content, 25% State/ Local contents, 25% Individual choice (or 30, 15 and 15 hours). 	9/13/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	8/31/2018	<p data-bbox="1149 201 1442 233">Lisa Chervon MA NRP</p> <p data-bbox="1149 499 1442 531">Danielle Joy RN NRP</p>
9/13/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	8/31/2018			
10:30 AM	<p data-bbox="326 1104 857 1136">Family Centered Care Sub Committee</p> <ol data-bbox="326 1142 1110 1967" style="list-style-type: none"> Right Care Awards –2018 Nomination forms are available on the MIEMSS website: http://www.miemss.org/home/public January push will include all councils and committees. Emergency Ready Family” project update: website is “live” and will continue to evolve. The slides have been updated and Mary Ellen is working on speaker notes. http://www.miemss.org/home/emsc/family-advisory-network MSFA Convention Risk Watch/ Safe Kids – ideas for 2018 are welcome! Email FAN@miemss.org EMSC National FAN update – the new EIIC for EMSC has launched a new website: https://emscimprovement.center/search/?q=Family+Advisory+Network Spring 2018 EMSC conference is anticipated in Texas with a FAN track. Dates are tentatively 4/30-5/2/2018. Mary Ellen and Cyndy attending the <u>CISM Application with Children</u> workshop in Columbia in October. The two day course was focused on using CISM principles with children. A number of extenuating circumstances made 	<p data-bbox="1149 1104 1442 1136">Mary Ellen Wilson RN</p>			

	<p>the course difficult to deliver and we did not find it useful for our work with TOR / preparing EMS for pediatric field deaths.</p>	
<p>10:45 AM</p>	<p>Maryland Organizations & Committees</p> <p>AAP Updates</p> <ul style="list-style-type: none"> ➤ Maryland update – annual educational dinner meeting was held in the fall. COPEM – no update. COVIPP is conducting a survey on anticipatory guidance practices to develop a tool kit. ➤ Maryland AAP has received a Pediatric Disaster grant from national and will be working with practices on the Eastern Shore to learn more about their needs, level of preparedness and then share resources. ➤ National update – COPEM: Cyndy and Cynthiana Lightfoot (DC EMSC) will be sharing input from families and EMS providers on the revision to the <i>Emergency Information Form /Format</i> at the Dec 8 & 9, 2017 meeting in DC. We will also hear the status of both Pediatric Readiness for Hospitals and Pediatric Readiness for EMS policies. <p>ACEP Updates - new website & management www.mdacep.org</p> <ul style="list-style-type: none"> ➤ Maryland update – EMS Committee – no updates. ➤ Maryland’s NEW - Pediatric Committee – there is a new chair, Erik Shobitz MD. ➤ National ACEP meeting is ending today in Washington DC with events on the Hill. <p>ENA Updates - www.mdena.org (NEW website live)</p> <ul style="list-style-type: none"> ➤ State report – ENA by the Bay will be the second week in May 2018. New ENPC chair is to be appointed soon. PEMAC liaison will be appointed for January meeting. ➤ Local updates: Mid Maryland and Baltimore chapters are holding fall conferences. Eastern Shore chapter has CE at each of their quarterly meetings. <p>SCHOOL HEALTH Updates</p> <ul style="list-style-type: none"> ➤ School Health committee(s) update: MDH & MSDE are providing support to the Local schools on the implementation of the stock Naloxone procedures. Adapt Pharma is providing additional reusable / spring loaded Narcan training devices (nasal spray) to the school health services programs. ➤ Training: MASHN Annual Conference is 11/18/17 in Ocean City; School Health Supervisors meeting will be 12/7/17; NASH 2018 50th Anniversary Conference will be in Baltimore June 30th – July 3, 2018. <p>Critical Care Updates</p> <ul style="list-style-type: none"> ➤ AACN: <ul style="list-style-type: none"> ➤ AAMS Kids SIG has developed a proposal for multi-center data collection on transports that is in IRB review at the institutions now. 	<p>Rich Lichenstein MD</p> <p>Cyndy Wright Johnson RN</p> <p>Kathy Brown MD</p> <p>New Liaison – pending final nomination Given by : Cyndy Wright Johnson RN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN</p>

	<p> J State Training: Critical Care Nurses conference – March 21-22, 2018 in Towson J National Training: CCTMC – April 9-11, 2018 in TX; Airborne NeoPediatric Transport conference May 2-4, 2018 in TX; East Coast Helicopter Operations May 14-18, 2018 FL; AACN NTI May 21-24, 2018 Boston. </p> <p> ➤ AAP – no update. </p> <p> Commercial Ambulance Service Advisory Committee (CASAC @ MIEMSS) </p> <p> ➤ CASAC is reviewing the bylaws and will vote at their next meeting. </p> <p> ➤ SCT subcommittee – workgroup on protocols </p> <p> ➤ Neonatal subcommittee – to be reconvened in 2018 after the base company and hospital site visits are completed. </p> <p> ➤ Obstetrical transports- workgroup of SCT has not met recently. </p> <p> Jurisdictional Affairs Committee (JAC @ MIEMSS) </p> <p> ➤ BLS – no update ➤ ALS – no update </p>	<p> Jill Dannenfelter RN Lisa Chervon NRP </p> <p> Richard High EMT Judy Micheliche NRP </p>
<p>11:15 AM</p>	<p> Maryland Protocols for EMS Providers </p> <ol style="list-style-type: none"> Pediatric High Performance CPR – implementation plan/ workshop planning is ongoing and will be the focus of our educational forum immediately after the January PEMAC meeting Spinal Protection / Immobilization protocol –Algorithm work will continue into 2018 Termination of Resuscitation (2019) Focus groups through the fall and early winter with regional councils and other stakeholders. Region 1 – October 19th Region 2 – December 19th Region 3 – December 6th Region 4 – November 21st Region 5 – January 22nd 2018 at CALS PD Tree Research Protocol was described by Jen Anders MD to the committee. This research protocol will go to PRC in January as part of the TI Grant work in Baltimore City, Queen Anne County and Montgomery County. More discussion will be at the January PEMAC meeting. Other protocol suggestions / clarifications for 2019 should be brought to the January 2018 PEMAC meeting to allow for development time. 	<p>Jennifer Anders MD</p>

<p>11:30 AM</p>	<p>Injury Prevention Sub Committee & Updates Please see Summaries from : a. EMSC: CPS & OP Healthcare Project (Maryland DOT Highway Safety Office) <input checked="" type="checkbox"/> CPS Rapid Educational Response Kit – new 2017-2018 project is now available. Initial mailing sent. <input checked="" type="checkbox"/> CPS and heatstroke to children left in cars—Three Outdoor Temperature Displays are located at MIEMSS, Cecil County DES, Prince George Fire & EMS <input checked="" type="checkbox"/> Drowsy Driving – NEW project Fall 2017 with a kick off in February and in April 2018. <input checked="" type="checkbox"/> CPS Technician scholarship available for 2018 courses</p> <p>Susanne provided a handout on the change in Maryland Medicaid with coverage approved for special car seats. This is an important change for families and children.</p> <p>NEWEST PSA available for your social media: <i>“Don't Rush Your Child To The Next Car Seat Stage”</i> https://www.youtube.com/user/MarylandEMS</p>	<p>Susanne Ogaitis Jones MSPH CPST-I cps@miemss.org for materials and information</p>
	<p>b. Safe Kids <input checked="" type="checkbox"/> Maryland Safe Kids Meetings for 2018 will be held in March and September after PEMAC <input checked="" type="checkbox"/> New Maryland HSO grant – Bike Helmets and Safety anticipated in 2018.</p> <p>c. Maryland Risk Watch/ MSFA –2018 Convention planning will start next month</p> <p>d. ENA: IQSIP – Institute for Quality, Safety and Injury <input checked="" type="checkbox"/> Prevention updates @ ENA national website <input checked="" type="checkbox"/> Buckle Up initiative with NHTSA will be operationalized in Maryland with a PSA</p> <p>e. Partnership for Safer Maryland:</p>	<p>Cyndy Wright Johnson RN</p> <p>Cyndy Wright Johnson RN</p> <p>www.mdena.org</p> <p>Safermaryland.org</p>

11:45 AM	Research and EVBG update 1. Ongoing Pediatric QIC & DART projects Evaluation of protocols <ul style="list-style-type: none">✓ 2016 – 2017 Sepsis – Jen Anders MD & Nick Wyns PhD NRP experience will be presented at conferences in 2018.✓ Region 3 Seizure project is still in process with Rich Lichenstein MD and Matt Levy MD.✓ Pediatric RSI –Process and Outcome project – no update✓ CPR and Cares Report for pediatrics include first six month of 2017 statewide is now available. Pediatric QIC/ DART will review at the December meeting. We anticipate full year data report by spring 2018 as the hospital cardiac care coordinators have 3 months to close the case data files. 2. WB-CARN EMS partner in Prince George’s County <ul style="list-style-type: none">✓ Data Linkage Project is going well.✓ Asthma Scoring Tool Project training is being rolled out in Prince George’s County.✓ 3. EMSC TI Grant updates <ul style="list-style-type: none">✓ PDTree: An EMS Triage Tool for Pediatric Destination Decision Making (J Anders MD) will be shared in more detail at the January meeting. 4. This afternoon’s research forum will include projects from both EMS and ED research.	Jen Anders MD Kathy Brown MD Jen Anders MD
11:50	Old Business - none	Committee
11:55	New Business -none	Committee
12:30 – 3:00 PM	11th Annual Research Forum	

Save the Date: January 3, 2018 12:30 PM
Topic: PEMAC Pit Crew Challenge
Join us to pilot the Pediatric HP CPR training. There will be prizes !

It’s My Life. It’s Now or Never...
Maryland EMSC and PEMAC Faculty

Bon Jovi was right; it IS now or never – especially when it comes to CPR. You already know early, high quality CPR (rate, depth and recoil) and defibrillation are key but let’s talk about some differences with kids. Learn to perfect pediatric high-performance CPR in this hands-on workshop with EMSC pit-crew specialists. Each participant will be competing for the best score to save a life. ‘Cause, I ain’t gonna live forever...Let’s Get It Started! Speed + Velocity = Accuracy!






Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



Maryland EMS for Children Department Update – November 2017

What's NEW:

	<p>Thursday, October 26, 2017, at 2:00pm ET/1:00pm CT, a CDC Clinician Outreach and Communication Activity (COCA) aired titled, <i>“Primary Care Providers’ Role in Supporting Children, Families, and Professional Self-Care Following Hurricanes and Other Disasters”</i>. Archived link is not available yet. EIIC has EMSC Toolboxes available on a variety of topics at https://emscimprovement.center/projects/pediatricreadiness/readiness-toolkit/</p>
<p>Maryland State Council</p> 	<p>ENA Pediatric Committee/ IQSIP (Institute for Quality, Safety and Injury Prevention): Pediatric Policy statements (ENA and Joint) related to Pediatric Readiness:</p> <ul style="list-style-type: none"> 📄 Weighing All Patients in Kilograms (10/2016) 📄 Facilitating the Interfacility Transfer of Emergency Care Patients (07/2015) 📄 Patient and Family-Centered Care of Children in the Emergency Department (January, 2015) 📄 Best Practices for Improving Flow and Care of Pediatric Patients in the Emergency Department (January, 2015) <p>ENA 2017 General Assembly Resolutions were approved with edits: (awaiting final posting of approved resolution language. GA17-02: A National Standard for Child Passenger Restraint GA17-05: Establishing a Standard for Emergency Department Preparedness to Care for Children</p>
	<p>October and November focuses include:</p> <ol style="list-style-type: none"> 1. International Walk to School Day (10/4/2017) – many coalitions participated 2. Halloween Safety tips – see Facebook postings 3. Fall Back – Check Your Smoke Alarms <p>Fact sheets and tips are available at www.safekids.org Remember 1/1/2018 Maryland Law requires all homes to have 10 year lithium batteries for smoke alarms.</p>

Advocacy:

- **Right Care When It Counts & Star of Life** awards are posted and are due April 1, 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. 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 – Three EMSC Performance Measures that have been retiring will continue to be part of the EMS for Children Department work at MIEMSS

- **Off line Medical Direction** – new protocols went into effect on July 1, 2017
- **On line Medical Direction** – Four Pediatric Base Station courses are scheduled for 2018 with ONE registration form.
- **Equipment:** MIEMSS Seal of Excellence meets the national ACS/ACEP/NAEMSP/ EMSC guidelines and the federal EMSC PM. The 2016-2017 MIEMSS annual report includes a list of the inspected vehicles by EMS Region.

NEW EMSC Performance Measures 01, 02, and 03 are now in effect:

- 🚒 PM 01 is statewide participation in NEMSIS data submission – pilots in 2 counties starting late Fall.
- 🚒 PM 02 - Pediatric EMS Champion
- 🚒 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
 - NEW TOPIC – suggestions and volunteers to develop welcome!

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.
- **November 1, 2017 is the 11th Annual EMS for Children Research Forum (12:30 – 3:00 PM)**
 - 📖 **Cervical Spinal Protection for Children: Maryland EMS Experience**
Caleb Ward MB BCh, Fellow Children's National, Pediatric Emergency Medicine
 - 📖 **From the Battle Field to the EMS Field:**
 - Binders and Tourniquets: do they fit injured children?**
J. Robert Kelly, MD, Fellow Johns Hopkins Children's Center, Pediatric Emergency Medicine
 - 📖 **Maryland Child Fatality Review: 2010-2016 Trends**
Richard Lichenstein, MD FAAP Chair State Child Fatality Review Committee
 - 📖 **Staff Safety during Pediatric Interfacility Ambulance Transport**
Johns Hopkins Children's Center, Pediatric Transport Team
 - 📖 **Saving Time Money and Pain: Why EMS Destination Matters for Pediatrics**
Ali Aledhaim DrPH, Post-Doctoral Fellow University of Maryland Emergency Medicine

Pediatric Education EMS and Emergency Professionals:

- ✍ 2018 conference planning is well under way and 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 also offered at MIEMSS and in regions without local conferences upon request.
- ✍ **APLS courses:** Maryland EMSC in partnership with the regional pediatric medical directors and pediatric base station physicians are offering Hybrid APLS courses (AAP/ACEP). The onsite 8 hour day includes three lectures and high fidelity simulations. Pre-course work is done online. For more information email: pepp@miemss.org and To register, please visit: <http://marylandemsc-apls.eventbrite.com>
- ✍ **ENA CPEN** review course was sponsored in June 2017 and are planned for both one and two day formats in 2018 – 2022.

Maryland EMS for Children publishes a list of ongoing Continuing Education related to both Pediatrics and Injury Prevention bimonthly. The list is posted on the MIEMSS website under PEMAC Meeting Notes. The 2018 PEMAC meeting dates have also been posted.

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



PEMAC Education Subcommittee Update November 2017



1. BLS Subcommittee:

2018 EMT and EMR refresher and skills content finalized with feedback from PEMAC. Content available in the MIEMSS instructor's corner.

2. ALS Subcommittee:

Continued discussion of ALS protocol exam and its purpose, design and utility. Dialogue started on combining NR psychomotor exams as well as ALS programs working with the State when setting test dates. New content for the local NCCP are being proposed/discussed.

3. Continuing Education Updates:

a) APLS Courses

- 2017 Course Offering /Plans
 1. October 24th @ MIEMSS – Cancelled due to low enrollment
 2. November 16th @ Harford Memorial Hospital
 3. December 14th @ MIEMSS

b) PEPP Courses

- Fall offering for Washington County – Successful course with great feedback

c) Additional Course Offerings

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

4. Pediatric Courses – Planning & Updates:

- a) **National PEPP Steering Committee:** No Update
- b) **Maryland PEPP Steering Committee:** Send 2017/2018 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 - in final review
- f) Pediatric Vascular Access – current workshop has 4 lectures, planning to convert core Hydration Assessment lecture by Jessica Strohm-Farber DNP, CPNP-AC

6. Instructor Tools – Google Hangout -

Group chat with up to 100 people or video group chat with up to 10 people. Connect across computers, Android, and Apple devices.

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

Please see EMS & Prevention Educational Conferences 2017 handout

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

Email for Pediatric Education is pepp@miemss.org



PEMAC Education Subcommittee Update November 2017



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 2017 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***

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

PEMAC UPDATE: November 1, 2017
The CPS & OP Healthcare Project

Since the last PEMAC meeting the project coordinator:

- J Assisted with teaching two CPS certification courses: Mt Airy, September 29, and Lutherville, October 24, 26-27. Also mentored a new instructor-candidate, Liz Laubach of Maryland Kids in Safety Seats, at the Lutherville class.
- J Gave a scholarship to a physical therapist who works for the Carroll County Public School Systems to take the Mt Airy CPST class. Gave scholarship information to two other healthcare providers who hope to take a future class.
- J Lent out the outdoor temperature display to two EMS agencies for their community events: Leitersburg VFD and Upper Montgomery VFD, both in September, and EMS-C staff conducted the exhibit at the Peninsula Regional Medical Center's Trauma Conference on September 22.
- J Staffed a CPS display on September 9 at Babies-R-Us in Pasadena. This was a Safe Kids World Wide event. We had only about 25 parents stop at the display but they were very interested in learning more about CPS.
- J Tried to hold the CPS webinar, "Overview of 21st Century Technology for CPS" on September 13. Trouble with participants hearing the speakers (via GoToWebinar) meant that we cancelled the live broadcast and will release it via our YouTube website.
- J Help at two NICU recertification site visits and met with key NICU and MCH staff to discuss CPS: 9/27/17 at Shady Grove Adventist Hospital and 9/28/17 at Holy Cross Hospital.
- J Helped at four safety seat checks during this period: three for Safe Kids-Baltimore (two as part of their Graco grant) and one as part of the Baltimore County Seat Check schedule, in White Marsh.
- J Attended Mid-Atlantic Life Safety Conference and helped staff a display on buckling up.
- J Worked on the drowsy driving grant: developing the table tents, a stand up banner design, and incentive item designs. Wrote two articles for use in agencies' newsletters. Created and presented a Powerpoint training on drowsy driving and the campaign for the Maryland Base Station Coordinator's meeting on Oct 17. Confirmed a speaker on drowsy driving to give a lecture on February 9 at Shock Trauma/University of Maryland Medical Center.

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



Emergency Medical Services for Children (EMSC)

Maryland Institute for Emergency Medical Services Systems (MIEMSS)
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2018 Educational Conference List

January 26 – 28, 2018 – Winterfest EMS Conference, Easton, MD
Preconference – When the Stork Dials 911 (Friday)
For more information visit www.miemss.org

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

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

May 9 & 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

November 7, 2018 – 12th Annual EMS for Children Research Update
EMS and Emergency Care Research updates
12:30 – 2:30 PM ALL are welcome

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

As of December 4, 2017