

---

**MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES**  
**State Advisory Council on Emergency Medical Services**

**MEETING SUMMARY**  
**CONFIDENTIAL PEER REVIEW**  
**MEETING DATE: June 22, 2021**

*SAC is very appreciative of Cox Health and Mark Alexander for providing the go to meeting platform*

**Virtual Only**

<https://global.gotomeeting.com/join/897177493>

One-touch: <tel:+18722403212,,897177493>

1 (872) 240-3212 Access Code: 897-177-493

Dr. Lynthia Andrews presiding. A quorum was present.

**APPOINTED BOARD MEMBERS:** Mark Alexander, Dr. Lynthia Andrews, Ben Chlapek, Dave Herman, Eric Latimer, Ruby Mehrer, Wally Patrick, Sam Schneider, Dr. David K, Tan. Helen Sandkuhl.

**BOARD MEMBERS PRESENT:** Dr. Lynthia Andrews, Chair; Mark Alexander, Dave Herman, Ruby Mehrer, Helen Sandkuhl

**Board Members Absent:** Ben Chlapek, Eric Latimer, Wally Patrick; Sam Schneider; Dr. David Tan

**ATTENDEES:** Lori Beck, SLCH; Erin Bening, SSM Health; Dr. Sabina Braithwaite, Wash U; Patricia Casey, Cardinal Glennon; Carrie Chismarich SSM DePaul; Kelly Cope, SCCAD; Susan Crum, Cox Air Care; Chuck Doss, Boone Co Fire; Joshua Dugal, Cardinal Glennon; Katie Eisenbeis, Christian Hospital EMS; Dr Carl Freeman, SLU; . David Gustafson, EMS Medical Director multiple EMS agencies, West Central Region; Michele Herndon, SL-CH; Pam Jackson, St. Luke's-KC; Laura Kemerling, CMH-KC; Liz Kendrick, U of MO—EMSC; Dr. Melissa Kroll, Wash U; Mike Latta, KCFD; Crystal Lloyd, Lake Regional; Bud Mantle, Mercy-SL; April Ostendorf-Morris, St. Francis Medical Center; Gina Pellerito, BJC; Dr. John Russell, Cape County Private Ambulance Service; Heather Scruton, CMH; David Seastrom, CMH; Dr. Jeffrey Siegler, Wash U; Shannon Watson, Christian EMS; Jason White, MARC.

**DHSS Staff:** Steve Bolin

*Note: If you attended but are not reflected on the attendees list, please email [ruby@lifeflighteagle.org](mailto:ruby@lifeflighteagle.org) for correction.*

The meeting was called to order at approximately 12:32 pm.

Topic	Discussion/Conclusion	Recommendations/Actions
Approval of Minutes May 25 2021	<i>Mark Alexander moved to approve the May 25, 2021 meeting minutes. Second by Helen Motion carried.</i>	Approved minutes will be posted on the BEMS website.
Pediatrics Subcommittee Patricia Casey, Chair	<p>Trish Casey, Chair, reported:</p> <ul style="list-style-type: none"> <li>Attendance at this morning’s meeting was good despite vacations</li> <li>Dr. Braithwaite indicated Peds Subcommittee can participate in NEMSIS—to get data back.</li> <li>Pandemic update—no policy changes other than 2 visitors instead of one allowed at most hospitals.</li> <li>Upward trend in URIs</li> <li>No update on timeline for peds Covid vaccines to start.</li> <li>ATM accidents being addressed for safety issues.</li> <li>Drastic increase in drowning in Missouri –rivers and lakes—not public pools (maybe because pools shut down)</li> <li>Peds DNR discussion stalled.</li> </ul> <p>Liz Kendrick gave report on EMSC. 2021 EMS Performance Measure Data. Power Point attached with minutes. <a href="mailto:kendrick@health.missouri.edu">kendrick@health.missouri.edu</a> for information</p> <p>Trish Casey: <a href="mailto:Patricia.Casey@ssmhealth.com">Patricia.Casey@ssmhealth.com</a>            Pediatric Subcommittee meets same day SAC in midmorning.</p>	
Trauma Subcommittee Pam Jackson, Acting Chair	<p>Minutes provided by Pam Jackson, Acting Chair:</p> <p style="text-align: center;"><b>State Advisory Council Trauma Subcommittee</b></p> <p style="text-align: center;">Click to join: <a href="https://slhs.webex.com/meet/pjackson">https://slhs.webex.com/meet/pjackson</a></p>	

I. Introductions

Encouraged everyone to sign in with their first and last name to WebEx.

II. Trauma Subcommittee Chair

Dr. Andrews reported that nominations are open for the Trauma Subcommittee Chair. She has one nomination/CV from Truman Medical Center. She plans to send it to Dr. Coughenour for his review and comments. Dr. Andrews encouraged any nominations.

III. Trauma Regulation Update

No new updates.

IV. Trauma Statute update

No new updates.

V. Suggestions for data request from the state

Discussed suggestions for data that the group would like to see from the state. Josh Dugal discussed the UUID as a way to link EMS and hospital data. Pam will discuss the use of the UUID (Universally Unique Identifier) in the Trauma Subcommittee report and state that this group supports the UUID information being submitted to the state with the possibility of linking EMS and trauma data. Suggestions for data were made.

- Percent of patients that are transferred from one acute care hospital to another for Trauma.
- Percent of Trauma deaths in the state by region
- Percent of trauma centers that are not current with submitting data
- Percent of same level falls with injuries by region

Dr. Andrews suggested thinking about data points that would be meaningful to trauma, to our boards, and to legislators and other government officials. There was discussion about the possibility of monitoring seatbelt use and/or helmet use to possibly work on legislation around that data.

Josh suggested a request to see if there is a stock report that could be run to see what data is possible.

There was discussion of different websites that data can be found. The Highway Patrol website has a report of crashes on the highway.

<https://www.mshp.dps.missouri.gov/HP68/search.jsp>.

Josh shared a link to “A Novel Approach to Data Linkage: EMS and Trauma Registry Records” <https://nasemso.org/wp-content/uploads/ACS-NASEMSO-Joint-Linkage-Policy-Statement-FINAL-Version.pdf>

	<p>VI. Trauma Education</p> <ul style="list-style-type: none"> <li>a. Saint Luke’s Hospital will have their Topics in Trauma August 12<sup>th</sup>.</li> <li>b. Mercy St. Louis will be having a virtual conference on Sept. 22<sup>nd</sup>, Continuum of Care of the Trauma Patient</li> <li>c. SSM Health Cardinal Glennon Children's Hospital has their last conference on June 25<sup>th</sup>. CME, CE, and EMS education all offered.</li> <li>d. St. Louis Children’s Hospital has trauma symposiums coming up that will be held virtually in Aug and Sept. A save the date will be sent.</li> <li>e. Children’s Mercy Hospital will have a conference on Sept 9<sup>th</sup>. It will be an evening conference.</li> <li>f. The Steven R Hall Trauma Symposium will be October 18-19-20 at Big Cedar.</li> </ul> <p>VII. Around the virtual room</p> <p>None</p> <p>Trauma Subcommittee Chair appointment pending. Contact Pam Jackson for info:  <a href="mailto:pjackson@saint-lukes.org">pjackson@saint-lukes.org</a></p>	
<p><b>Legislative Subcommittee</b>  <b>Mark Alexander, Chair</b></p>	<p>Mark Alexander, reporting:</p> <p>Subcommittee reviewed Medical Director’s proposed regulation (.303). This proposed regulation seems to allow family doctors as EMS agency Medical Directors, but some language indicates Board Certification may be required. There is language to grandfather-in some medical directors. Mark may call and extra meeting to talk about this regulation, but he also may consult Brenda Rackers (DHHS legal counsel) first. The end result should not cause difficulty for EMS agencies to get medical directors.</p> <p>Patient hand off will be a separate regulation.</p> <p>NEMESIS will soon go to version 3.5. Adjustments will need to be made.</p> <p>Medicaid Expansion approved by voters in 2020 but not funded in the 2021 state budget. Lawsuits expected.</p>	

	<p>Legislators failed to pass FRA bill which included funding for hospitals, EMS, nursing homes. Etc. It involves about \$3 ½ Billion. If FRA is not passed by July 2, then a new plan of action would have to take place. There is lots of concern about being able to restore FRA to the present level if that happens. The Governor has called an extra session for legislators to address this issue. Part of the reason the FRA bill failed is because it had a bill that addressed issues of birth control/abortion attached. These are difficult issues for legislators, and they proceed cautiously.</p> <p>For information contact:  <a href="mailto:RMark.Alexander@coxhealth.com">RMark.Alexander@coxhealth.com</a> or <a href="mailto:jason.white3254@gmail.com">jason.white3254@gmail.com</a>  Legislative Subcommittee meetings usually same day as SAC—in midmorning.</p>	
<b>Education Subcommittee</b> <b>Chuck Doss, Chair</b>	<p>Chuck Doss No June meeting. Working through some suggested changes on the education bill.</p> <p>For info contact Chuck Doss  <a href="mailto:cdoss@bcfdmo.com">cdoss@bcfdmo.com</a>  Educ. Subcommittee meets 3<sup>rd</sup> Wednesdays at noon by conf call. Agendas and call info posted on <a href="https://health.mo.gov/safety/ems/">https://health.mo.gov/safety/ems/</a></p>	
<b>Air Ambulance Subcommittee</b> <b>Ruby Mehrer, Chair</b>	<p>Ruby Mehrer reported the Air Ambulance Subcommittee met this morning. Discussion included a spike in COVID cases in the SW part of the state. Hospitals are full. Some COVID patients are in ICU. Everyone encouraged to use precautions. Treatment In Place issues reviewed. Air Ambulance Utilization update remains tabled on the Regional Medical Director’s agenda.</p> <p>Air Amb Subcommittee meets same day as SAC at 0900. For info: <a href="mailto:ruby@lifeflighteagle.org">ruby@lifeflighteagle.org</a></p>	
<b>Emergency Management</b> <b>Helen Sandkuhl, Chair</b>	<p>Helen Sandkuhl reported in Reg C, SL area, 11 drownings since May 1, last 4 years had 12-13 drownings total. Twenty agencies over 3 counties are discussing water safety messaging with a unified front to create awareness. Because there are not enough lifeguards for public pools, people are swimming in rivers and lakes.</p> <p>Covid: MO leads in new cases of COVID now. Variant emerging in central and SW part of state, but SL numbers are low. Vaccinations of US is 53% but some Missouri counties have 20% or less. The big spike of Covid cases is attributed to the Delta variant. Alabama, Arkansas Oklahoma all have low vaccination rates. Missouri’s rate is 37- 40 % vaccinated. Only 30% in SL. In Spfld, most patients with COVID did not have vaccinations. The low rates are not due to vaccine shortages.</p> <p>Emergency Management meets PRN. For info: <a href="mailto:Helen.sandkuhl@ssmhealth.com">Helen.sandkuhl@ssmhealth.com</a></p>	

<p><b>MIH Community Paramedics</b> <b>Dr. Melissa Kroll</b></p>	<p>Dr. Kroll reporting: Community Paramedics met two weeks ago. The rate of vaccinations decreasing. Vaccine is available for those that want it.</p> <p>Dr. Kroll questioned if COVID vaccinations programs for home bound adequate? Or could that be rolled into the Treatment in Place (TIP)? Dr. Kroll said TIP during the pandemic was for 911 activations. TIP needs become a permanent reimbursable service for EMS.</p> <p>Funding for TIP during the pandemic came thru Homeland Security and FEMA. Only overtime costs were reimbursable. COVID had unique interventions. Many EMS agencies did homebound vaccinations between calls and overtime was minimized.</p> <p>Contact Dr. Kroll at <a href="mailto:mkroll@wustl.edu">mkroll@wustl.edu</a> with questions or comments.</p> <p>Meetings are 2<sup>nd</sup> Mondays at noon. Info and agendas at <a href="https://health.mo.gov/safety/ems/">https://health.mo.gov/safety/ems/</a></p>	
<p><b>Regional Medical Directors</b> <b>Dr. Sabina Braithwaite</b></p>	<p>The following provided by Dr. Braithwaite: <b><u>2021 Regional Medical Director’s Committee Meeting Notes</u></b> <b>June 16, 2021 @ 1000</b> <b>Committee Members Attending: Braithwaite, Brandt, Coughenour, Carney, Bowman</b> <b>Others Attending: Susan Crum (Air Care), Taz Meyer</b></p> <ul style="list-style-type: none"> <li>I. Review/Approve Notes from May 19 meeting</li> <li>II. Old business <ul style="list-style-type: none"> <li>a. Long distance O2 “refueling”: Jeff Umfleet sent email that this was discussed at Southeast but no decisions made to date regarding how to make these arrangements. Matt Brandt’s folks are making ad hoc arrangements the day before these long distance transports w hospitals or other appropriate intermediaries.</li> <li>b. Data, data, data <ul style="list-style-type: none"> <li>i. Presentation to TCD data subcommittee by state: <ol style="list-style-type: none"> <li>1. <a href="https://health.mo.gov/data/">https://health.mo.gov/data/</a> all kinds of cool stuff there</li> <li>2. <a href="https://healthapps.dhss.mo.gov/MoPhims/MICAHome">https://healthapps.dhss.mo.gov/MoPhims/MICAHome</a></li> </ol> </li> <li>ii. What data points do we want reported on in Annual Report and/or at intervals to</li> </ul> </li> </ul> </li> </ul>	

	<p>regions (see Montana EMS Report, Mo TCD report)</p> <ol style="list-style-type: none"> <li>1. What do we NOT need?</li> <li>2. What is missing that is needed now?</li> </ol> <p>iii. Biospatial status: Taz continuing to work on this now that it has been established that Kansas is able to participate with the same exclusion list that MO had concerns about.</p> <p>iv. Specific requests from medical directors:</p> <ol style="list-style-type: none"> <li>1. Provide REGIONAL level reporting as well as state reporting of all data points requested so that regions have the ability to create areas of focus that they want to work on and measure outcomes / impact of changes in practice etc., and where to focus educational efforts when gaps are identified.</li> <li>2. Trauma: <ol style="list-style-type: none"> <li>a. Which patients who meet TQIP criteria were NOT transferred to a designated trauma center</li> <li>b. What was the sending ED LOS of patients who met criteria who WERE transferred.</li> </ol> </li> <li>3. Stroke / Trauma / STEMI <ol style="list-style-type: none"> <li>a. By TCD, provide outcomes of patients with CPC / Rankin score (or some proxy measure like where patients were dispo'd to – home, nursing home, rehab, morgue) – provide by patient's home zip code for the whole state</li> </ol> </li> <li>4. General sense was that the proposed measurements as noted in the Montana EMS report seem reasonable, and in the interest of early success, choosing impactful, simple metrics such as glucose check with AMS or suspected stroke and similar would be optimal. Docs were also supportive of ability to look at data at the zip code / county / region level to identify</li> </ol>	
--	--	--

	<p>trends.</p> <p>III. New business</p> <p>IV. Reports from Regional Medical Directors</p> <p>a. Region A – Carney. Most pediatric deaths ever noted, suicides at 4x the usual rate and other reasons. Still seeing a lot of opioid OD. 2 EMS employees who got Moderna have gotten covid.</p> <p>b. Central – Coughenour. Oxygen refueling is a non-issue. Strongly encourages data submission. Note trend that falls are resulting in more trauma than MVC for the first time. Just got 3 year ACS accreditation for Mizzou – CONGRATULATIONS!!</p> <p>c. Southwest – Brandt. Major staffing issues. Transitioning to BLS in the urban area due to limited paramedic availability.</p> <p>V. Adjournment</p> <p>Attachments: <i>(contact Dr. Braithwaite for these, not included with minutes)</i>  MCA injury TBI/spinal  Missouri TCD Report  Montana EMS report sample</p> <p>Meetings are 3<sup>rd</sup> Wednesday at 10 am—Zoom. For agenda and zoom information visit:  <a href="https://health.mo.gov/safety/ems/">https://health.mo.gov/safety/ems/</a> For info: <a href="mailto:sabina@wustl.edu">sabina@wustl.edu</a></p>	
<b>Northwest Eric Reeter, Chair</b>	<p>No representative from NW Region. Ruby Mehrer attended the meeting and said most of the discussion focused on legislative issues. GEMT, FRA and TCD discussed.</p> <p>NW region has seen a bump up in COVID cases including 20-40 years old and kids. They are monitoring carefully.</p>	
<b>Central John Clemens, Chair</b>	No report	
<b>Southwest Bob Patterson, Chair</b>	No report	
<b>Southeast Dr. John Russell, Chair</b>	<p>Dr. Russell reported SE met last week. Dr. Russell was elected chair for the next year. Attendees had spirited conversation about work force development, OSHA and COVID and Vaccinations High Flow O2 problems were discussed.</p> <p>Dr. Russell said a readiness check list is being developed. He anticipates a survey similar to hospital</p>	



	Improvement Center Pediatric Check List for self-evaluation,	
<b>East Central Mark Flauter, Chair</b>	Shannon Watson reported EC met by Zoom. Next meeting is planned to be in person at SCCAD. One position remains open on their committee. Life Saving Awards will be Oct 1 Orlando Garden. Many educational opportunities are available in the EC area.	
<b>KC/Region A/West Central Dr. David Gustafson, Chair</b>	Dr. David Gustafson reporting: Not meeting since last SAC meeting. Next meeting will be hybrid, July 12 at Central Jackson Co FPD and on line.	
<b>Dr. Sabina Braithwaite additional comments</b>	The Montana Report is being reviewed to see if their data model could be used for MO.  Discussion with Kansas BEMS regarding Biospatial revealed that Kansas is not submitting data on the issues MO identified as problems.  Regional reporting with NEMSIS data can include performance metrics that are not dictated by the state. An example would be 'altered mental status in diabetic patient.'  Dr. Andrews added that some QI are associated with NEMSIS protocols updates. When the transition is made to go to NEMSIS 3.5, identifiers can be used. UUID + a number on EMS charts will involve money and effort to transition.  Model State Guidelines are being updated.	
<b>BEMS Taz Meyer, Chief BEMS</b>	Taz Meyer and Bill Koebel were not able to attend today. Steve Bolin gave the report.  Craig Faith has been hired as an inspector for BEMS. Started last week. Craig worked for BEMS a few years back.  Taz working with subcommittees for regulation revisions.  Emergency Medical Services renewal now available on line—ground service will be first. Some agencies want the administrative staff to be able to file the renewal. Taz has indicated that will be ok, they just need to log in appropriately.  74% of the EMS services have completed necessary information to allow data to be reported to NEMSIS. That reflects a great improvement over the past few months.	

<b>Center for Patient Safety Shelby Cox</b>	No report	
<b>Old Business</b>	None	
<b>Association Reports</b>	<p>MAA Mark Alexander reporting for Kat Probst. Mark was not able to attend a meeting 2 weeks ago FRA monitoring and GEMT are rewriting regulations. Discussion included difficulty staffing ambulances. Lots of current medical leave, work comp issues. High volume has caused crew exhaustion.</p> <p>MEMSA Ruby Mehrer, reporting for Justin Duncan. MEMSA is interested in having Treatment In Place becoming a permanent category for EMS reimbursement. It had temporary status during the pandemic. During discussion, it became apparent that National Association of EMS Physicians had received a letter from usual partners including NAEMT and AAA, addressing objections to NAEMSP's quality bill. The letter was a strong indication of division between EMS Associations and the National Association of EMS Physicians. MEMSA has passed a resolution to encourage cooperative discussions with the associations and the physicians. MEMSA will continue to monitor the issue.</p> <p>MOAAMS Ruby Mehrer reporting for Christy Dressler, President. There were no applicants for the scholarships offered to air ambulance personnel for MO EMS Conf &amp; Expo registration. MOAAMS is exploring other sponsorship for the conference. Conversations with 911 board have been taking place to address how best to be sure a PSAP is getting the closest helicopter to scene flights when needed. Still in progress.</p> <p>ADAM No report</p>	
<b>Open Forum</b>	<p>Steve Bollin expressed he was available to answer any questions.</p> <p>FRA: Jason White said a special legislative session will start tomorrow at noon to address FRA funding.</p> <p>Interstate Compact: Jason White reported the concern the Interstate Compact Subcommittee of SAC had about the protection of data and also the sale of the data base are both being addressed by the national commission by drafting policies. There is still no CEO selected.</p>	

	<p>911: Jason White said the BOD are actively discussing the need to move the legal responsibility from DHSS of 911 (where it currently resides) to the 911 Board. Creating an EMD system has a lot of moving parts including defining requirements, initial training, continuing education requirements, and medical direction. It is thought that the Regional Medical Directors Subcommittee of SAC would be asked to help develop policies. The data base for AED registration, locations, updates, etc., continues to be discussed. Grant cycles 1 and 2 have been successful in creating networks and common materials. Currently cycle 3 is in progress and cycle 4 just opened for applications. Contact Jason for further info.</p>	
<b>Next Meeting</b>	<p>Next meeting will be Aug. 3, 2021 at 1230.  No meeting in July. Instead, we will meet in St. Charles at the MO EMS Conf &amp; Expo on Aug. 3<sup>rd</sup> at 12:30pm.  An agenda will be sent prior to the next meeting.</p>	
<b>Adjourned</b>	<p>Meeting adjourned approximately 1:54 pm.</p>	

*Lynthia B. Andrews DO, FACEP*

Date Approved: August 3, 2021

---

Dr. Lynthia Andrews, SAC Chair  
*Summary respectfully prepared by Ruby Mehrer*