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

MEETING SUMMARY
CONFIDENTIAL PEER REVIEW
MEETING DATE: May 25, 2021

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

Virtual Only

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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, Ben Chlapek, Dave Herman, Ruby Mehrer, Helen Sandkuhl

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

ATTENDEES: Dr. Chad Armstrong, Lori Beck, SLCH; Jami Blackwell, Cox Health, Jami Blackwell, Cox Health; Dr. Matt Brandt, Cox Health; Patricia Casey, Cardinal Glennon; Carrie Chismarich SSM DePaul; Kelly Cope, SCCAD; Shelby Cox, Center for Patient Safety; Josh Creamer, MU EMS; Susan Crum, Cox Air Care; Chuck Doss, Boone Co Fire; Christy Dressler, CMH-KC; Katie Elam, WMMC; Eisenbeis, Katie; Mark Flauter, Florissant Valley FPD; Dr. David Gustafson, EMS Medical Director multiple EMS agencies, West Central Region; Michele Herndon, SL-CH; Pam Jackson, SL-KC; Laura Kemerling, CMH-KC; Liz Kendrick, U of MO—EMSC; Mike Latta, KCFD; Bud Mantle, Mercy-SL; Chris McCarthy, Fenton Fire District; Dean Meenach Mercy SL; April Ostendorf-Morris, St. Francis Medical Center; Bob Patterson, Mercy-Spfld; Kat Probst, Adair Co AD; Dr. Doug Schuerer, BJC-Wash U; Heather Scruton, CMH; Dr. Jeffrey Siegler, Wash U; Mike Wallace, Med Trans; Shannon Watson, Christian EMS; John Weber; Andrew West, Jason White, MARC.

DHSS Staff: Taz Meyer, BEMS Chief; Steve Bollin; Katherine Crockett; Nicole Gamm; George Miller.

Note: If you attended but are not reflected on the attendees list, please email ruby@lifeflighteagle.org for correction.

The meeting was called to order at approximately 12:34 pm.

Topic	Discussion/Conclusion	Recommendation/Actions
<p>A. Approval of Minutes April 27, 2021</p>	<p><i>Helen Sandkuhl moved to approve the April 27, 2021 meeting minutes. Second by Mark Alexander Motion carried.</i></p>	<p>Approved minutes will be posted on the BEMS website.</p>
<p>Pediatrics Subcommittee Patricia Casey, Chair</p>	<p>Pediatric Subcommittee of SAC- Minutes Provided by Patricia Casey May 25, 2021</p> <p><u>In attendance:</u> Nick Salzman, Jason White, Lenah Mustafa, Laura Kemerling, Dr. Sectorsky, Liz Kendrick, Heather Scruton, Jeff Siegler, Lori Beck, Josh Dugal, Dr. Laffey, Dr. Andrews, Katrina Lock – Fairfax Hospital NP, ED, David Seastrom, Andrew West</p> <p><u>EMSC Update</u> – Liz Kendrick reported that the Pediatric Readiness Survey is now out. The EMS surveys are now closed, results from those will be reported soon. The virtual lecture series continues to be successful.</p> <p><u>NEMESIS Data</u>- Dr Braithwaite reached out to our group asking if we would like to request specific pediatric data sets for regular reporting now that electronic data is now being submitted through ImageTrend. A brief discussion was held regarding what would be useful and what information is reliably included in searchable fields in order to be captured. Jason White provided the table below to show the EMS compliance percentages per region for reporting:</p>	

Region Name 05-24-2021	Total EMS Services	Total EMS Services Submitting Data to NEMESIS	Number of EMS Services that need to complete information so data can be submitted to NEMESIS	Percent Complete
Central	47	27	20	57%
Northwest	16	16	0	100%
Kansas City	50	42	8	84%
St. Louis	62	33	30	52%
Southwest	34	24	10	71%
Southeast	29	20	9	69%

Committee members offered suggestions for multiple data sets. Discussion was held regarding how we can encourage agencies to comply with submitting data and also encourage EMS agencies to increase the use of check boxes and drop-down fields in order to limit the amount of free text that can cause information to be irretrievable. A list was created of possible data sets to track with the agreement that a meeting would be scheduled.

Pandemic Update - All/ Open. No changes were reported regarding visitor policy at the pediatric hospitals.

2021 Initiatives- ATV accidents were again discussed as a potential focus for the Trauma Program Managers to work on. Mercy is working on an article that will potentially include a case study. The St. Louis are had media coverage on Fox 2 that from the pediatric hospitals that included a report from hwy patrol that only 24% of reported accidents included helmet use.

Pediatric POLST or DNR- Trish and Jason reported that the current climate with our stakeholders remains heated due to issues surrounding Medicaid expansion. We are choosing to wait to engage with them when the controversy has cleared.

Special Needs Region Plans- Remaining on the agenda. The East Central Region approved a special provision regarding the recognition of STARS plans within the region. Cox Health now has full viewer access to the STARS Database and MU Health has a contract pending.

<p>Trauma Subcommittee Pam Jackson, Interim Chair</p>	<p>Minutes of trauma subcommittee meeting 5-25-2021 provided by Pam Jackson:</p> <p style="text-align: center;">State Advisory Council Trauma Subcommittee</p> <p style="text-align: center;">Click to join: https://slhs.webex.com/meet/pjackson</p> <p>I. Introductions</p> <ul style="list-style-type: none"> a. Around the room introductions were done. b. Jordan Palmer is the new Outreach Coordinator at Children’s Mercy. <p>II. Chairperson</p> <ul style="list-style-type: none"> a. Dr. Andrews has reached out to Dr. Coughenour and he has agreed to be interim through the summer. b. All was encouraged to send nominations for a new chair to Dr. Andrews. <p>III. Trauma Regulation Update</p> <ul style="list-style-type: none"> a. Trauma regulations remain with DHSS. The plan is for preliminary work to be done by the Dept to see if they could move forward without changes to the statute. <p>IV. Trauma Statute update</p> <ul style="list-style-type: none"> a. The TCD bill was attached to one of Senator Onder’s bill. He is a physician and had concerns about the physician education piece in the TCD bill. The Senate adjourned early and did not vote on the bill. Rep Andrews plans to pre-file the bill for the next session. <p>V. Tips for Virtual Conferences were shared</p> <ul style="list-style-type: none"> a. Be sure everyone has the link for your conference. b. If a lot of people will be on the conference, then make arrangements for someone to monitor the chat. c. If taking attendance, make sure you know who is on. Some people sign in with a phone number or nick name. d. You can copy and paste the chat box if you have requested information from participants. e. If it’s a longer conference, then give breaks. It is difficult to sit in front of the 	
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	<p>computer.</p> <ul style="list-style-type: none"> f. Try to keep participants engaged by asking questions and providing interaction in the chat. g. Prepare your speakers a head of time. <ul style="list-style-type: none"> i. Make sure their presentation works. Have a copy on hand in case it doesn't work. ii. They know how to share their screens. iii. What type of device will they be using? Is it compatible? h. Be sure that everyone has a good microphone. i. Practice for the conference j. It is helpful to use break-out sessions to practice in k. For big conferences have an IT person available l. Look at other conferences to learn from them. <p>VI. Trauma Education</p> <ul style="list-style-type: none"> a. St. Louis Children's Hospital has trauma symposiums coming up in Aug and Sept. A save the date will be sent. b. Joshua Dugal said that SSM Health Cardinal Glennon Children's Hospital has a 3-day pediatric conference on June 4, 11, and 25th. CME, CE, and EMS education all offered. c. The Steven R Hall Trauma Symposium will be October 18-19-20 at Big Cedar. d. Mosaic Life will have a trauma program on July 14. A save the date will come out soon. <p>VII. Around the virtual room</p> <ul style="list-style-type: none"> a. Everyone was encouraged to think on a possible performance improvement opportunity that could be worked on collectively. 	
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Legislative Subcommittee Mark Alexander, Chair	<p>Mark Alexander reporting: Discussion this morning on .331 Training Entities led by Chuck Doss. Further discussion will take place with the Education Subcommittee and will be brought back to SAC next month.</p> <p>Mark reviewed Data Collection and Med Director regs suggestions. These regulations will have further discussion before bringing them to SAC.</p> <p>For information contact: RMark.Alexander@coxhealth.com or jason.white3254@gmail.com</p>	
Education Subcommittee Chuck Doss, Chair	<p>Chuck Doss reported on .331 as above.</p> <p>For info contact Chuck Doss cdoss@bcfdmo.com Educ. Subcommittee meets 3rd Wednesdays at noon by conf call. Agendas and call info posted on https://health.mo.gov/safety/ems/</p>	
Air Ambulance Subcommittee Ruby Mehrer, Chair	<p>Ruby Mehrer reported the Air Ambulance Subcommittee met this morning. Discussion included continued laser strikes in SL KC area. Legislative issues were reviewed. Air Ambulance Utilization update remains tabled on the Regional Medical Director's agenda.</p>	
Emergency Management Helen Sandkuhl, Chair	<p>Helen Sandkuhl reminded the group that the 10th anniversary of the Joplin tornado just passed. She reminded everyone that we need to be prepared for bad weather.</p> <p>Also, a reminder that it is still important to use PPE when responding to calls.</p> <p>Bob Patterson said he used the interest of the Joplin 10 yr. anniversary to promote EMS Mutual Aid to show how we became better prepared.</p> <p>For info contact Helen Sandkuhl Helen.sandkuhl@ssmhealth.com</p>	
MIH Community Paramedics Dr. Melissa Kroll	<p>No report.</p> <p>Contact Dr. Kroll at mkroll@wustl.edu with questions or comments. Meetings are 2nd Mondays at noon. Info and agendas at https://health.mo.gov/safety/ems/</p>	

<p>Regional Medical Directors Dr. Sabina Braithwaite</p>	<p>Regional Medical Director’s Committee Meeting Notes Meeting Date: May 19, 2021, Meeting Location: Zoom Committee members attending: Braithwaite, Brandt, Carney, Bowman Others attending: Taz Meyer (Bureau Chief), Jason White (MARCER / 911 Board), Tom Lewis MD, Ruby Mehrer</p> <p>I. Old business: None</p> <p>II. New business a. Jason White – EMD:</p> <p> i. 911 report on PSAPs is in drobox. Some highlights:</p> <ol style="list-style-type: none"> 1. 106/180 PSAPs responded 2. 50% are doing EMD (with varying degrees of success) 3. 50% are not – of these about half are not dispatching EMS calls, only LEO 4. Concerns listed for not doing EMD in the remainder included training requirements, size of PSAP, employee turnover <p> iii. There is a need for quality measures for EMD iii. The 911 Board has heard from CARES x 2 which highlighted the need for early AED and CPR and reinforces the need for at least basic EMD to improve OHCA outcomes.</p> <p> iv. State 911 Board (with about \$3M/year in resources) is a quasigovernmental org with regulatory authority. They are able to much more expeditiously create and enact regulation as they do not need to go through the state, but have their own private counsel etc. Legislation is being planned for next session with 2 goals:</p> <ol style="list-style-type: none"> 1. Remove regulatory authority over PSAPs from DHSS (which has never done anything with it) and place it under 911 Board 2. Link 911 Board to Regional Medical Directors group as the medical authority for EMD (rather than have them create their own medical input mechanism separately) <p> v. Copy of draft language will be in Dropbox and emailed out for review and comment.</p> <p> Ask is for approval of concept by Regional Medical Directors group by October when final language available.</p> <p> b. CARES transition: reminder that CARES has moved to Mizzou.</p>	
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c. NEMSIS and Quality metrics for TCD / reporting to Med Direction

Committee:

i. Goals to look at data but also improve process of acquiring data by improving data collection infrastructure. Taz is working hard to get as many agencies submitting as soon as possible.

ii. Committee would like to have regular reporting of some metrics at a state, regional and zip code level. [Email sent to Nicole to set up meeting to find out what ImageTrend reports are already available that we could potentially use, also to Peds comm regarding what they would want to know].

iii. Potential options for reference:

1. STEMI

a. The time from first diagnostic 12-lead EKG to STEMI notification.

b. Confirmation patient received Aspirin (taken Prior To EMS Arrival, given by EMS, or substantiated by other pertinent negatives)

c. time of patient contact by to the time of 12-lead EKG acquisition within 10 minutes

d. The time of arrival at the PCI center to the time of cardiac catheterization (door-to-balloon time) OR if patient not transported directly to PCI center, the time of arrival at receiving hospital to thrombolytics.

e. How many "chest pain / ACS" patients over the age of 40 have a 12 lead EKG and/or aspirin documented?

2. Stroke

a. How many "stroke" patients have glucose checked.

3. Trauma

a. How many serious trauma patients (what criteria to filter) were not taken directly to a designated trauma center (L1-3 or just L1-2)? Break out adult vs

	<p>pediatric.</p> <p>4. TCD generally</p> <p>a. did the patient go directly to the regionally- determined or designated STEMI center if they were found to have a STEMI? Looks at function of the regional destination system and makes sure the system isn't being gamed at the patient's expense. Similar applies to trauma and stroke.</p> <p>d. Data funding: per Steve Bollin at DHSS on TCD Steering comm call, he is budgeting for 2 data analysis personnel as well as funds to purchase access to selected national TCD databases for purposes including TCD program assessment as well as potential linkage to EMS data.</p> <p><i>i. MOTION: The Regional EMS Medical Directors Committee supports the stated request for funding data analysis personnel as well as access to outcomes data in the next fiscal year budget. (Carney / Brandt) Unanimous approval.</i></p> <p><i>ii. MOTION: The Regional EMS Medical Directors Committee recommend that the SAC direct DHSS to include transition to NEMSIS 3.5 (including the unique patient identifier capability to facilitate prehospital and inpatient data linkage) in their future planning. (Brandt/Carney) Unanimous approval.</i></p> <p>III. Reports from Regional Medical Directors</p> <p>a. Region A / Kansas City: Erica Carney i. Decreasing covid numbers, gradual movement back to normal</p> <p>b. Southwest: Matt Brandt: Issues with long distance transfers of patient on high flow O2. Working to determine locations that can "refuel" oxygen. Discussion felt that asking all regional medical directors to take this back to their regions and consider creating a list of volunteer sites (hospitals, agencies with cascade systems and 24h staffing) willing to provide O2 refueling that could be shared among the regions for this purpose. Expectation is that there will be ongoing need for such a resource even after COVID given the growth of noninvasive and oxygen intensive ventilation methods which improve outcomes. [Email sent asking each Regional Medical Director to have this put on their agendas]</p>	
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	<p>IV. Next meeting June 16</p> <p>Meetings are 3rd Wednesday at 10 am—Zoom. For agenda and zoom information visit: https://health.mo.gov/safety/ems/</p>	
<p>Northwest Eric Reeter, Chair</p>	<p>Met last Wednesday, both virtual and in person. Legislative issues discussed. NW Region is the first to have 100% of the EMS agencies with all info entered to be able to have their PCRs data download in to the NEMESIS system. Air Show in St. Joseph had EMS mutual aid provided. Livingston County reported an uptick in COVID cases with 3 deaths recently. NW meet 3rd Wednesdays at 10 am.</p>	
<p>Central John Clemens, Chair</p>	<p>Kat Probst reported the next meeting is next Thursday.</p>	
<p>Southwest Bob Patterson, Chair</p>	<p>Bob Patterson said SW will meet (virtual) this Friday. SW Region is celebrating hospitals agreeing to no diversion for TCD patients.</p> <p>Bob also said EMS Mutual Aid group will meet this week.</p>	
<p>Southeast Nathan Wolk, Chair</p>	<p>No report</p>	
<p>East Central Mark Flauter, Chair</p>	<p>Mark Flauter reminded everyone to wear PPE on calls. EC August meeting will be in person. There is an opening on the East Central regional committee since Taz Meyer left to become the BEMS Chief earlier this month.</p>	

<p>KC/Region A/West Central Dr. David Gustafson, Chair</p>	<p>Dr. David Gustafson reporting: Met May 3rd. 84% West Central’s EMS Agencies submitting data correctly so NEMSIS can be downloaded. Reviewing Regional Bylaws The region is forming a group to review 16-17 y/o trauma pts—those patients between kids and adults—goal is to evaluate what is happening with that age group. Dr. Shearer ask ‘what is the problem’ getting these kids taken care of—and he offered Committee on Trauma if needed. Dr. Gustafson said it is a triage issue. Monday July 12 is the next meeting, planned to be in person but may have hybrid.</p>	
<p>BEMS Taz Meyer, Chief BEMS</p>	<p>Mr. Meyer said he is still settling into the position of BEMS Chief, and he is looking forward to working with everyone. He reported that as of 17th of May, 64% of the EMS agencies in MO have taken the extra step to complete their profile so their data can be downloaded to NEMSIS database. An Inspector position remains open with BEMS. A new service that allows agency renewals is being tested. Mr. Meyer will represent MO on the Interstate Compact Commission.</p>	
<p>Center for Patient Safety Shelby Cox</p>	<p>Shelby Cox Life Guard flyer for a course in fall is being circulated.</p>	
<p>Open Forum</p>	<p>Steve Bollin, DHSS, said his meetings with the TCD task force started meeting las November. He said TCD efforts go back to 2003 or 20o4. The task force is a cohesive group, but it was left on its own earlier. In November 2020, one of the initial discussions he led was: Where are we and where do we need to go? Data measurements were discussed. Good patient care has been initiated but there is a need to measure it. The Legislative subcommittee of the task force came together at Representative Alan Andrews invitation and achieved consensus to support HB 1295. The group adopted ‘don’t let perfect get in the way of good’ in order to gain consensus. The attention is now shifted to data and what needs to be measured.</p>	

	<p>Steve expressed concern about the work being done on regulations, etc. He said he thinks DHSS should be approaching EMS and talking about regulations—revised or current. He went on to say that EMS has the expertise, but DHSS needs to give input as well.</p> <p>Mark Alexander said he is impressed with the way Steve is working with TCD committee.</p> <p>Dr. Andrews said one of the problems of TCD from a historical perspective is that after statute was passed, there was little to no support from DHSS and revised regulations were stalled. She recalled that over 700 people were involved with initial efforts. Now the TCD program needs funding and data collection. Dr. Andrews said she appreciates Steve’s efforts and is looking forward to continuing working with him.</p> <p>Dr. Andrews announced that Dr. Jeff Coughenour has accepted the interim Trauma Subcommittee Chair until end of summer. Dr. Coughenour has been very involved with establishing the TCD system.</p>	
Old Business	None	
New Business & Announcements	<p>MAA update: Kat Probst, President, reported MAA met last month. Board training will be offered the end of June. At the end of September an in-person seminar will be held. 3 tracts are planned. Work continues on GEMT.</p> <p>MEMSA Ruby Mehrer, Immediate Past President, reported MEMSA has been instrumental in adding a critical care tract to the MO EMS Conf & Expo, being held Aug 3-6 at the St. Charles Convention Center. MEMSA is preparing to host the national meeting of the State EMS Associations in February, also in St. Charles. This is a relatively small conference that is by invitation only. BOD meeting is tomorrow.</p> <p>MOAAMS Christy Dressler, President, said MOAAMS is offering MO EMS & Expo scholarships to air ambulance personnel that will pay for the registration fees. Applications will be distributed soon. Air Safety remains a focus of MOAAMS.</p> <p>ADAM No report</p> <p>Jason White said the 911 Board is in the 3rd round of providing grants to PSAPs. Jason said prepaid surcharges on phone bills provide funds. Efforts continue to bring in smaller PSAPs. Federal level legislation being proposed includes building out 911 infrastructure. Both Republicans and Democrats are supporting that part of the bill. The impact on EMS is EMD (Emergency Medical Directions). Medical Directors are being engaged to help. Currently EMD is in DHSS statute. Work has begun to change that responsibility to</p>	

	<p>911 so that those who take medical calls but have no EMD training can be upgraded.</p> <p>Jason also said Medicaid Expansion was passed by citizens of Missouri last Aug. Governor Parson put it in the state budget. The Medicaid Expansion money was carved out by House and endorsed by Senate, leaving Medicaid Expansion unfunded. Law suits are expected.</p> <p>Jason also reported that the FRA funding bill did not pass because amendments with abortion and birth control were attached. FRA involves over \$2 billion health care dollars a year. The FRA money has to be approved each year because of a sunset clause in the wording. He is confident that FRA will soon be funded.</p> <p>Steve Bollin said candidates for the DHSS Director are being interviewed. Someone with medical background is preferred but that may change.</p> <p>Nicole Gamm said there has been good discussion regarding Biospatial as a data collection tool. She said DHSS is checking to see if will be able to use it. She also said TCD site surveys will start after Aug 31. There are five applications submitted so far.</p> <p>Nicole offered her congratulation to the NW region for having 100% participation in submitting NEMSIS data ready for download.</p>	
Next Meeting	<p>Next meeting will be June 22, 2021 at 12:30 pm. Efforts to have an in-person meeting in Jeff City will be explored. Steve reminded all to be aware of social distancing. People fully vaccinated can do whatever they are comfortable doing.</p> <p>No meeting in July. Instead, we will meet in St. Charles at the MO EMS Conf & Expo on Aug. 3rd at 12:30pm. An agenda will be sent prior to the next meeting.</p>	
Adjourned	Meeting adjourned approximately 1:51 pm.	

Commented [RM1]:

Lynthia B. Andrews DO, FACEP

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

Date Approved June 22, 2021