



Peninsulas Emergency Medical Services Council, Inc.

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PEMS Pharmacy Committee Meeting Minutes

A Subcommittee of the Board of Directors

Meeting Date: 02-03-21

Meeting Location: PEMS/Teleconference only

Chaired By: S. Hopkins

Begin Time: 3:05 PM

End Time: 4:25 PM

Minutes Submitted By: J. Bendit

Draft Approved Date: 05-05-21

Members Present:	Members Absent:	Staff:	Others:
Blake, Greg (TC)	Abdulazia, Amel	Bendit, Jeffrey	Samuels, Gary (TC)
Bridges, Wendy (TC)	Beam, Bradley		
Efremidis, Laurie (TC)	Berry, Wayne		
Hopkins, Suzanne (Chair)(TC)	Eaker, Mary		
Javier, June (TC)	Elzarian, Ed		
Louka, Amir (TC)	Harris, Sandra		
Perkinson, Lindsay (TC)	Horton, John		
Rizzo, Sarah (TC)	Kaplan, Marcus		
Ryman, Kristy (TC)	Langley, Cindy		
Sledge, Tyler	Lyon, Sharon		
St. George, Linda (TC)	Olatunji, Kemi		
	Rowles, Charles		
	Sim, Terri		

Item	Discussion	Action Required	By Whom/When
Call to Order	Meeting called to order at 3:05 pm. By S. Hopkins.		
Introductions and Membership Changes	Attendance as recorded above. Changes: None. Pharmacy representative: MAC: T. Sledge PPP: G. Blake Peds Committee: ?	Volunteer from Pharmacy	Any/ 04-16-21

Item	Discussion	Action Required	By Whom/When
Minutes	11-04-2020 Minutes approved as written. Motion to approve by T. Sledge. 2 nd by S. Rizzo. Approved unanimously.	Post Final Minutes	J. Bendit/2-07-21
Staff Report	<p>Contract Deliverables. 3rd Quarter has no deliverables for the Pharmacy Committee.</p> <p>MAC CMTE- Dr. Louka stated that the MAC started using SharePoint in order to review protocols. This allows OMD's to logon at their own convenience and add discussions to bring up in MAC meetings. Significantly reducing discussion time in the MAC meetings. MAC adjusted Fentanyl dosing requiring additional 100mcg vial to be added to the PEMS Medication Box for those long transports. Dr. Louka asked if it is reasonable to add the 100mcg vial?</p> <p>G. Blake stated that the PPP Committee had some discussion to change/remove Ativan in the PEMS Protocols. More discussion on 3-4 Versed. Dr. Louka mentioned an addition of a Pediatric committee and asked if someone would like to be a representative of the PEMS Pharmacy Committee on this committee that meets once a quarter as well. Third Thursday April 16, 2021?</p>	Attend MAC/PPP Committee Meetings	PPP/G. Blake 02-10-21 MAC/ T. Sledge 03-11-21
Old Business	<p>Discussion regarding the current and growing list of drug shortages-</p> <ul style="list-style-type: none"> • Haldol • Calcium Chloride • Ketamine • Magnesium Sulfate • Lidocaine • Dextrose abboject • Epinephrine • Dopamine • Amiodarone • Ativan • Atropine • Sodium Bicarb Abboject <p>Zofran removed from shortage list: Motioned by G. Blake, 2nd by S. Rizzo. Unanimous approval.</p> <p>Ativan and Dopamine removal from PEMS Medication Box 2021.</p> <p>No new data for the Regional Medication Box Program-NOVA MTG and DEA updates. J. Bendit stated DEA recommended changes don't remove regional medication box programs at this point. Continued follow up.</p>		
New Business	<p>Biannual review of the Medication Box Incident Reports. Nothing outstanding or leading to potential diversion or medication issues. All incident reviewed and corrections made.</p> <p>Medication Box Inventory Update for 2021 protocol changes:</p> <ol style="list-style-type: none"> 1. D10 supplied in 250mL x 2 to replace D50 premixed amps. Motion to approve G. Blake. 2nd by J. Javier. Unanimous approval by committee. Discussion and concerns about fluid restricted patients by K. Ryman. Dr. Louka stated that in the emergency situation 50mL vs adding 200mL to correct this immediate life-threat would outweigh the fluid restriction likely. 	Remove 2-D50 Add 2-D10	Pharmacy/03-01-21

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	<p>2. Fentanyl supplied 100mcg/1mL vial would need to increase from 1 vial to 2 vials. Motion to approve by S. Rizzo. G. Blake 2nd. Unanimous approval. Discussion: S. Rizzo asks if we increase Fentanyl by 1 vial, can we reduce Morphine by 1 vial? Dr. Louka would like to see the data supporting this. He asked the committee if they can research how frequently 2 vials are used on 1 call. G. Blake says rarely do they use 2 vials Morphine on one patient. T. Sledge would like to review exchanges to see.</p> <p>3. Versed/Midazolam. Add 2 vials to meet updated 2021 protocol changes and removing 2 vials Ativan. Motion by G. Blake. 2nd by S. Rizzo. Unanimous approval.</p> <p>4. Remove Dopamine 400mg/10ml and add Levophed. Motion to approve T. Sledge. 2nd by J. Javier. Unanimous approval.</p> <p>Haldol shortage Alternative option: Ziprasidone/Geodon. Pharmacology page (Attachment 1). Pharmacy committee review for compatibility issues with protocols. How supplied: 20mg vial reconstitute with 1.2ml sterile water. Ensure needles, instruction label and exterior 3x5 card to identify when this is replacing Haldol. This would be indicated in protocols for Haldol replacement for shortages only.</p> <p>PEMS IV Box- Dr. Louka observed over the past year or so with the James City Fire Department riding on calls and asking for supplies to start an IV on a patient in the field when a provider handed him a pink basin with miscellaneous supplies in it. He knows that in ODEMSA and TEMS that they have an IV Box separate from their medication boxes. He feels that this may be an opportunity that might help if needed by the hospitals to help ensure accountability for the supplies by inventorying a box and helps keep track of those supplies. Maybe an IV box tackle box, some sort of supply pyxis machine, whether pharmacy would need to be the responsible party if medications that aren't controlled, or no medications and the ED personnel restock and seal those. G. Samuels stated that some of the agencies in ODEMSA have started their own individual agency IV type box and the hospitals aren't stocking them, the agencies are. PEMS has a good drug box system and the ambulances are fitted since purchase for limited space. He feels that labor cost and safe storage would have to be looked at. Major incidents might cause issue in resupply? Dr. Louka was involved with the VA. Beach aircraft crash recently and TEMS had several agencies respond with similar Drug box, IV kit, monitors and felt it made sense to have certain standards for this type of situation. He stated that this is an observation and if some pint in the future there is a need for a standard IV box where a label can be transferred to the hospital for them to bill the patient or something showing a financial gain which could be beneficial for the future. G. Samuels stated that ODEMSA doesn't have a standard IV box but some of the agencies do and restock them on their own, TEMS and REMS do, but J. Bendit stated it was determined that REMS has been working to remove this from their region for some time. This is used by 2 out of the 12 regional councils. Supplies are restocked currently 1-1 in the ED PAR currently.</p> <p>S. Rizzo has concerns that if the IV box has medications, it would be the pharmacy responsibility to restock and add another inventory item to their responsibilities. If there are no medications, the ED would be able to restock and be responsible. She felt that this would be a labor and financial issue and could be detrimental to smaller facilities. K. Ryman felt this was also an issue for their pharmacies as well.</p>	<p>Add 1 vial Fentanyl</p> <p>Add 2 vials Versed Remove 2 vials Ativan</p> <p>Add Levophed Remove Dopamine</p>	<p>Pharmacy/03-01-21</p> <p>Pharmacy/03-01-21</p> <p>Pharmacy/03-01-21</p>

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	J. Bendit stated that PEMS initially started with some sort of IV box as well, many years ago and went away from it because they were issues with the boxes or kits being returned empty in exchange for a full box. This put a strain on the hospitals and is more or less the timeframe where the restocking agreements were started.		
Good of the Order	<p>Important Dates:</p> <ul style="list-style-type: none"> PEMS Celebrate EMS Day at Busch Gardens May 2021 may not happen. This may still be cancelled due to the COVID-19 Pandemic. <p>J. Bendit mentioned Chair and Co-Chair position is for 2 years and S. Hopkins has been filling this position diligently. M. Eaker responded to this with some questions. M. Eaker would like to have K. Ryman as the Co-Chair to help ensure attendance. J Bendit stated he will call tomorrow to discuss. Defer vote for net 2 years next meeting.</p>		
Next Meeting	<p>Attendance verified as recorded above. The next meetings scheduled for: Wednesday: May 5, 2021 Aug 4, 2021 Nov 3, 2021</p>		
Adjournment	Meeting adjourned at 4:25 p.m. Motion by. K. Ryman 2 nd by L. Efremdis. Unanimously approved to adjourn.		