



Peninsulas Emergency Medical Services Council, Inc.

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PEMS Pharmacy Committee Meeting Minutes

A Subcommittee of the Board of Directors

Meeting Date: 11-04-20

Meeting Location: PEMS/Teleconference only

Chaired By: T. Sledge

Begin Time: 3:06 PM

End Time: 3:54 PM

Minutes Submitted By: J. Bendit

Draft Approved Date: 02-03-21

Members Present:	Members Absent:	Staff:	Others:
Blake, Greg (TC)	Abdulazia, Amel	Bendit, Jeffrey	
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		
Lyon, Sharon (TC)	Horton, John		
Rizzo, Sarah (TC)	Kaplan, Marcus		
Ryman, Kristy (TC)	Langley, Cindy		
Sledge, Tyler (TC)	Lawson, Cheryl		
St. George, Linda (TC)	Olatunji, Kemi		
	Perkinson, Lindsay (TC)		
	Rowles, Charles		
	Sim, Terri		

Item	Discussion	Action Required	By Whom/When
Call to Order	Meeting called to order at 3:06pm. By T. Sledge. G. Blake and S. Hopkins delayed due to another meeting.		
Introductions and Membership Changes	Attendance as recorded above. Changes: None. Pharmacy representative: MAC: T. Sledge PPP: G. Blake		
Minutes	08-05-2020 Minutes approved as written. Motion to approve by K. Ryman. 2 nd by S. Rizzo. Approved unanimously.	Post Final Minutes	J. Bendit/12-07-20

Item	Discussion	Action Required	By Whom/When
Staff Report	<p>Contract Deliverables. 2nd Quarter has no deliverables for the Pharmacy Committee.</p> <p>MAC CMTE- T. Sledge stated that Protocols updates with Ativan, Versed and Vasopressor.</p> <p>G. Blake stated that the PPP Committee had some discussion to change/remove Ativan in the PEMS Protocols. Survey sent out and some adjustments will be made in the next MAC. J. Bendit stated that he will send an update with the recommended changes after the MAC with the updated PEMS Medication Box Inventory Sheet to review the changes prior to next meeting.</p>	Attend MAC/PPP Committee Meetings	PPP/G. Blake 11-13-20 MAC/ T. Sledge 12-10-20
Old Business	<p>Discussion regarding the current and growing list of drug shortages-</p> <ul style="list-style-type: none"> • Haldol • Calcium Chloride • Ketamine (Shortage has improved slightly) • Magnesium Sulfate • Lidocaine • Dextrose abboject • Epinephrine • Dopamine • Amioderone (increased shortage this 4th Quarter 2020). • Ativan • Atropine • Sodium Bicarb Abboject <p>Ativan and Dopamine removal potential from the MAC. Addition of Norepinephrine to ensure pressor available.</p>		
New Business	<p>Regional Medication Box Program- NOVA MTG and DEA updates. J. Bendit stated that G. Blake and S. Hopkins attended the last NOVA EMS/Pharmacy DEA meeting to preview potential changes in the future. G. Blake stated that they discussed similar things that the pharmacies discuss in relation to storage, inspection, acquisition, DEA Licensing, potential dispensing machines and their locations.</p> <p>DEA proposed changes sent to the PEMS Pharmacy Committee for review and comment. J. Bendit stated that it looks as though these proposals will help keep as much as possible the same. More to follow. Public comments are being made at this point. The NOVA EMS Pharmacy update Task Force is not going to meet until January 2021 in order to see where the DEA Proposal goes with potential changes.</p> <p>Dr. Louka stated that if Ativan removed, more versed will be needed. Discussion of how supplied and dosing discussed. See protocols and pharmacology proposals to MAC. After MAC, J. Bendit take PEMS Medication Box Inventory sheet to reflect potential additions and removals: Essentially, here are the questions & concerns outstanding:</p> <ol style="list-style-type: none"> 1. It is recommended by the pharmacy committee that Ativan be removed from the drug box due to instability without refrigeration. This would leave Versed as the only Benzo currently in the drug box. 	Pharmacy review Dopamine/ Norepi/dosing and their recommendation to MAC	Pharmacy before 12/10/20

Item	Discussion	Action Required	By Whom/When
	<p>2. If ativan is removed, additional Versed can be included in the box. Currently, two 5mg/1mL Versed vials are included. It was discussed whether 3 or 4 vials should be included (for a total of either 15 or 20mg versed) once ativan is removed.</p> <p>3. The primary protocols these changes affect are adult and pediatric seizure management. I have attached the DRAFT seizure protocol for reference which has not yet been voted on - I believe it needs further consideration to reflect how much Versed will be available.</p> <p>4. The route of initial administration of Versed remains a concern. Most if not all studies showing efficacy of versed in seizures have looked at IM as the <u>initial</u> route, not IV. It is recommended that the initial route be IM/IN for all patients (even if they have IV access), and that IV dosing be reserved as a potential rescue therapy if the IM initial dose is ineffective.</p> <p>The primary consideration for how much versed to have in the box (3 vs 4 vials) is what would we (the MAC) would want for a repeat Benzo dose, if any. The initial dose, as drafted, is:</p> <p>Midazolam 5mg IV/IO or 10mg IM/IN for an adult Midazolam 0.1mg/kg IV/IO or 0.2mg/kg IM/IN for pediatric</p> <p>If only 3 vials are stocked, the repeat dose for an adult who continues to seize would be 5mg IV/IO/IM/IN. This means if 10mg IM/IN is given initially, only 5mg would be available as a second dose by any route.</p> <p>If 4 vials are stocked, the repeat dose would be up to 10mg if given IM, matching the initial dose. 5mg IV would remain an option too.</p> <p>In weighing the decision, we must consider the risk of over-sedation/respiratory depression against the risk of unabated seizure/status epilepticus.</p> <p>So - what we need is feedback from you regarding your preference as medical directors on initial versed route and dosing and repeat route and dosing.</p> <p>Please share your thoughts, and I will provide an updated draft seizure protocol by next week to be voted on once I've received your input.</p>		
Good of the Order	<p>Important Dates:</p> <ul style="list-style-type: none"> PEMS Celebrate EMS Day at Busch Gardens May 16, 2020. Postponed to August 22, 2020. This has been cancelled due to the COVID-19 Pandemic. <p>Dr. Louka brought up PEMS RSI Medication Box pharmacology added to PEMS Protocols and potential repetitive protocols that could be reviewed by the pharmacy committee for review and forward to MAC.</p>	Email medication inconsistencies to Pharmacy Committee Meeting 11-4-20	J. Bendit/Send to group 12-6-20

Item	Discussion	Action Required	By Whom/When
Next Meeting	Attendance verified as recorded above. The next meetings scheduled for: Wednesday: Feb 3, 2021 May 5, 2021 Aug 4, 2021		
Adjournment	Meeting adjourned at 3:54 p.m. Motion by. S. Hopkins 2 nd by G. Blake. Unanimously approved to adjourn.		