



**Office of the Medical Director**

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**MEMORANDUM #2013-01**

**FROM:** Office of the Medical Director  
Saginaw Valley Medical Control Authority (SVMCA)

**SUBJECT:** PHARMACY RECERTIFICATION – February 2013

The Greater Bay Area EMS Medication System will be recertifying all EMS drug boxes and kits on **February 22, 2013**. All boxes and bags will need to be turned into a participating pharmacy for recertification.

We continue to find ourselves experiencing varying degrees of shortages in EMS medications. According to our participating pharmacies; most pre-filled, syringe type medications are on some sort of back-order and in very limited supply. This stems from a shortage of medical grade glass that is used in the production of these syringes. Medications that continue to be difficult to obtain are:

- Epinephrine (both syringes and vials)
- Dopamine
- Dextrose 50%
- Atropine
- Calcium Chloride

As field providers, please be cognizant of the challenges that our hospitals are having in keeping up with these shortages. You can help by minimizing prophylactic use of medications and guard the boxes and kits from freezing or other extremes. We most recently have had to discard the medications from three system boxes due to crystallization from freezing. This is not only costly but counterproductive considering the current shortages.

There are a few changes to report for the upcoming recertification. Changes are only to the Medication Boxes These changes are to help alleviate shortages and replenish some stock in areas where our current setup has some identified excess:

1. Calcium Chloride will be reduced from two syringes down to one.
2. Dopamine will be reduced from two vials down to one. This still allows for a 400mg/250cc mixture (1600mcg/ml concentration).
3. Methylprednisolone will be reduced to one vial.

These minor changes will allow for the hospitals to replenish some of the dwindling stock while reducing the number of vials being replaced due to impending expiration dates.

As always, if you have any suggestions for future changes, please contact our offices.

A handwritten signature in black ink, appearing to read 'Eric Snidersich', is positioned above the printed name.

Eric Snidersich, BS EMT-P  
EMS Manager, SVMCA

Attachment: Inventory List (February 2013)



MEDICATION BOX INVENTORY - FEBRUARY 2013			
<b>TRAY 1</b>			
2	Clave Adapter		
2	Atomizer		
3	IV Start Kit		
2	Saline Flush	10 ml	pre-filled syringe
3	Safety IV Catheter	14 GA x 1.75"	Insyte Autoguard
3	Safety IV Catheter	16 GA x 1.16"	Insyte Autoguard
3	Safety IV Catheter	18 GA x 1.16"	Insyte Autoguard
3	Safety IV Catheter	20 GA x 1.16"	Insyte Autoguard
3	Safety IV Catheter	22 GA x 1"	Insyte Autoguard
3	Safety IV Catheter	24 GA x 1"	Insyte Autoguard
<b>TRAY 2</b>			
2	Diphenhydramine	50 mg/1 ml	vial
1	Methylprednisolone	125 mg/2 ml	vial
1	Glucagon injection	1 mg	diluent/powder
2	Naloxone	2 mg/2 ml	pre-filled syringe
2	Acetaminophen (Tylenol)	160 mg/5 ml	unit-dose cup
1	Oral Syringe	5 ml	
2	Ondansetron (Zofran)	4 mg/2 ml	vial
3	Safety Needle	19 GA x 1 1/2"	
3	Safety Needle	21 GA x 1 1/2"	
3	Safety Needle	23 GA x 5/8"	
2	Ipratropium (Atrovent)	0.5 mg/2.5 ml	unit-dose vial
2	Albuterol (Proventil)	2.5 mg/3 ml	unit-dose vial
2	Magnesium Sulfate	1 Gram/2 ml	vial
1	Epinephrine 1:1000	30 mg /30 ml	vial
1	Nitroglycerin	0.4 mg tab (#25)	bottle
4	Aspirin	81 mg chew tab	unit-dose packet
1	Red plastic reseal lock		
2	Vasopressin	20 u/1 ml	vial
3	Amiodarone	150 mg/3 ml	vial
1	Dopamine	400 mg/5 ml	vial
5	Adenosine	6 mg/2 ml	vial
1	Bacteriostatic NAACL	30 ml	vial
<b>TRAY 3</b>			
3	Atropine Sulfate	1 mg/10 ml	pre-filled syringe
2	Lidocaine	100 mg/5ml	pre-filled syringe
1	Calcium Chloride 10%	1 Gram/10 ml	pre-filled syringe
2	Syringe	1 ml	
2	Syringe	3 ml	Luer Lock
2	Syringe	10 ml	Luer Lock
1	Syringe	20 ml	Luer Lock
1	Syringe	30 or 35 ml	Luer Lock
<b>MEDICATIONS - BOTTOM OF BOX</b>			
1	50% Dextrose	25 Grams/50 ml	pre-filled syringe
8	Epinephrine 1:10,000	1 mg/10 ml	pre-filled syringe
2	Sodium Bicarbonate 8.4%	50 MEq/50 ml	pre-filled syringe
<b>IV SOLUTIONS - BOTTOM OF BOX</b>			
1	Dextrose 5% in Water	250 ml	
2	Normal Saline	500 ml	
1	Dextrose 5% in Water 50ml	50 ml	1 bag minimum. May be more.
<b>IV SETS - BOTTOM OF BOX</b>			
3	Primary Macro Drip Tubing		Clave port
2	Primary Micro Drip Tubing		Clave port
1	Primary Pump Tubing		Plum pump
<b>MISCELLANEOUS - BOTTOM OF BOX</b>			
1	Nitroglycerin	50 mg/250 ml	pre-mixed container
1	Paper Bag		
1	Nebulizer		
1	4-way Stopcock Extension		
1	Illinois Iliac Needle	16 ga. (8881245164)	Kendall-Monoject
1	Illinois Iliac Needle	15 ga. (DIN1515X)	Baxter
<b>RED BAG-CONTROLLED SUBSTANCES (SEALED WITH RED)</b>			
1	Carpuleject Injector		
2	Diazepam	10 mg/2 ml	carpuject or vial
2	Fentanyl	100 mcg/2 ml	carpuject or vial
2	Morphine	10 mg/1ml	carpuject, vial, or pre-filled syringe
2	Midazolam	5 mg/1 ml	vial

ALS MINI-KIT - FEBRUARY 2013			
2	Clave Adapter		
1	IV Start Kit		
2	Saline Flush Syr	10 ml	
2	Safety IV Catheter	18 GA x 1.16"	Insyte Autoguard
2	Safety IV Catheter	20 GA x 1.16"	Insyte Autoguard
2	Safety IV Catheter	22 GA x 1"	Insyte Autoguard
1	Syringe	3 ml	Luer Lock
1	Safety Needle	19 GA x 1 1/2"	
1	Ondansetron (Zofran)	4 mg/2 ml	vial
2	Ipratropium (Atrovent)	0.5 mg/2.5 ml	unit-dose vial
2	Albuterol (Proventil)	2.5 mg/3 ml	unit-dose vial
1	Nitroglycerin	0.4 mg tab (#25)	bottle
4	Aspirin	81 mg chew tab	unit-dose packet
1	50% Dextrose	25 Grams/50 ml	pre-filled syringe
1	Normal Saline	250 ml	
1	Primary Macro Drip Tubing		Clave port
1	Red plastic reseal lock		
1	Paper Bag		

BLS KIT - FEBRUARY 2013			
1	Epi-Pen	0.3 mg	Auto Injector
1	Epi-Pen Jr.	0.15 mg	Auto Injector
1	Nebulizer		
4	Aspirin	81 mg chew tab	unit-dose packet
2	Albuterol (Proventil)	2.5 mg/3 ml	unit-dose vial