



ODEMSA DRUG KIT CONTENTS - 2nd and 3rd Tier Medication Alternatives

Drug and other medical product shortages have the potential to adversely affect patient care by delaying treatment or forcing the use of second-choice products. Nationwide drug shortages are now a daily event that impact the care we as providers are able to give. This is a significant public health problem that deserves the concentrated efforts of everyone in the industry. As EMS providers, we know you want the best possible medication options for your patients. In this regard, ODEMSA continues to work with the OMD's and Pharmacists in our region to address these shortages and wherever possible, provide you with secondary (2nd tier) and tertiary (3rd tier) medication alternatives. Medication questions should be addressed with your agency's OMD.

➤ EMS providers, pay close attention to the **MEDICATION ALERT CARDS** placed on top of the drug kits, and reference the tables below.

Primary Medications (1 st Tier)	Concentration	Amount Per Container	Qty	Secondary Medications (2 nd Tier)	Concentration	Amount Per Container	Qty	Tertiary Medication (3 rd Tier)	Concentration	Amount Per Container	Qty
Adenosine (Adenocard)	3 mg/mL	6 mg	5	Metoprolol	1 mg/mL	5 mg	3				
Albuterol 0.083%	2.5 mg/3 mL	2.5 mg	4	Levalbuterol	1.25 mg/3 mL	1.25 mg	4				
Amiodarone	50 mg/mL	150 mg	4	Lidocaine 2%	100 mg/5 ml	100 mg	2				
Atropine Sulfate	0.1 mg/mL	1 mg	2	Atropine Sulfate 1mg/ml + 10 ml Syringe + NS 10ml	Mixing: Draw up 9mL of NS and 1 mL of atropine into 10 mL syringe. Concentration result = 0.1 mg/mL	1 mg	2				
Calcium Chloride 10%	100 mg/mL	1 gm	1	Calcium Gluconate 10%	100 mg/mL	1 gm	3				
Dexamethasone	10mg/1mL	10 mg	1	Dexamethasone	4 mg/mL	20 mg	1	Prednisone	20 mg/tablet	20 mg	3
Dextrose 10% 250mL bag	100mg/mL	250 gm	2	Dextrose 25%	250 mg/mL	2.5 gm	2	D50W (syringe or vial) + 10mL Syringe + Sterile Water 10 mL Vial	Mixing: Draw up 5mL of D50W and 5 mL of sterile water into 10 mL syringe. Concentration result = 250 mg/mL	25 gm	1 kit
				Dextrose 50%	500 mg/mL	25 gm	2	D25W	250 mg/mL	2.5 gm	4
Diphenhydramine (Benadryl)	50 mg/mL	50 mg	1	Hydroxyzine	25 mg/mL	25 mg	1	Hydrocortisone	100 mg		
Epinephrine 1:1,000	1 mg/mL	1 mg	2	Epinephrine 1:1,000	1 mg/mL	30 mg	1				
Epinephrine 1:1,000	1 mg/mL	30 mg	1								
Epinephrine 1:10,000	1 mg/10 mL	1 mg	5	Vasopressin	40 units/mL	40 units	1				



Primary Medications (1 st Tier)	Concentration	Amount Per Container	Qty	Secondary Medications (2 nd Tier)	Concentration	Amount Per Container	Qty	Tertiary Medication (3 rd Tier)	Concentration	Amount Per Container	Qty
Fentanyl	50 mcg/mL	100 mcg	2	Morphine Sulfate w/Holder	10mg/mL	10 mg	2	Hydromorphone			
Furosemide (Lasix)	10 mg/mL	100 mg	2	Bumetanide (Bumex)	0.25 mg/mL	1 mg	1				
Glucagon	1 mg/mL	1 mg	1	Dextrose 50%	500 mg/mL	25 gm	2				
Ipratropium (Atrovent)	0.5 mg/2.5 mL	0.5 mg	4								
Norepinephrine (Levophed)	1 mg/mL	4 mg	2	Dopamine (Intropin)	40 mg/mL	200 mg	2	Dopamine (Intropin)	2 nd – 40 mg/mL (10 ml vial, same concentration) 3 rd – 80 mg/mL (5 ml vial, double concentration)	400 mg	1
Magnesium Sulfate	500 mg/ml	1 gm	2	Magnesium Sulfate	2gm/50mL bag	2 gm	1				
Metoprolol (Lopressor)	1 mg/ml	5 mg	2	Atenolol (Tenormin)	5 mg/10 ml	5 mg	2	Propranolol (Inderal)			
Midazolam (Versed)	5 mg/mL	25 mg	2	Diazepam (Valium)	5 mg/mL	10 mg	1	Lorazepam (Ativan)	0.5 mg/mL	1 mg	2
Naloxone (Narcan)	1 mg/mL	2 mg	2								
Nitroglycerin Tablets	0.4 mg/tablet	25 tablets	1	Nitro Paste (D)	15 mg/inch	1 gm	1	Nitro Spray			
NitroPaste (D)	15 mg/inch	1 gm	4	Nitroglycerin Tablets	0.4 mg/tablet	25 tablets	1	Nitro Spray			
Ondansetron (Zofran)	4 mg/2 mL	4 mg	1	Ondansetron (Zofran ODT)	4 mg orally disintegrating tablet	4 mg	1	Prochlorperazine (Compazine)	5 mg/mL	10 mg	1
Sodium Bicarbonate	1 mEq/mL	50 mEq	1	n/a							
Ziprasidone (Geodon)	20 mg/mL	20 mg	1	Haloperidol (Haldol)	5 mg/mL	5 mg	1	Droperidol or maybe Olanzapine			