



Policy #: 804	Distribution: <u>Legacy Portland Hospitals</u> Origination Date: <u>1/91</u> Revised Dates: <u>4/98, 1/99</u> Reviewed Dates: <u>1/92, 1/93, 1/94, 4/95, 4/98, 1/99</u>
Department: Pharmacy Services - Legacy Portland Hospitals	
Approved by: _____ Director, Pharmacy Services      Date _____	

**SECTION: SAFETY, EMERGENCY AND SECURITY**  
**SUBJECT: LEGACY HEALTH SYSTEM APPROVED ANTIDOTE LIST**

**POLICY:** Pharmacy Services will maintain adequate stock levels of the following medical staff approved antidotes:

**Table 1.**

<b>NAME</b>	<b>DESCRIPTION</b>
ACETYLCYSTEINE	Treatment of acetaminophen toxicity
ACTIVATED CHARCOAL	Adsorptive. A general purpose antidote for all oral poisoning except those due to corrosive agents, cyanide, iron, mineral acids or organic solvents.
ALCOHOL (Ethyl)	Used as a solvent to skin splashed with phenol. Also as a skin disinfectant. Treatment of methanol poisoning.
ANTIVENINS (rattlesnake & black widow)	In poisoning for snake and spider bites
ATROPINE	Treatment of organic phosphate poisoning (as in insecticides). Some mushroom poisoning.
BAL (Dimercaprol)	For acute arsenic, copper, mercury or gold poisoning
CALCIUM GLUCONATE CALCIUM GLUCEPTATE	A source of Ca <sup>++</sup> ion in the treatment of hypocalcemic or hyperkalemic tetany. Available as a gel for treatment of hydrofluoric acid burns.
CYANIDE ANTIDOTE KIT	Contains sodium nitrite inj, sodium thiosulfate inj, and amyl nitrate inhalation
DEFEROXAMINE (Desferal)	Adjunct in treatment of acute iron intoxication
DIGOXIN IMMUNE FAB (Digibind)	Treatment of symptomatic digoxin toxicity.
EDTA (Calcium Disodium Versenate)	Acute and chronic lead poisoning, copper poisoning
FOMEPIZOLE (Antizole)	Treatment of ethylene glycol poisoning.
FLUMAZENIL (Romazicon)	To reverse the effects of benzodiazepines
IPECAC	To induce vomiting
MAGNESIUM SULFATE	To counteract muscle stimulating effects of barium poisoning.
METHYLENE BLUE	Treatment of methemoglobinemia, IV.
NALOXONE (Narcan)	Treatment of respiratory depression caused by natural or synthetic narcotics
PHYSOSTIGMINE SALICYLATE (Antilirium)	To reverse toxic effects in anticholinergic poisoning (atropine poisoning, etc.)
PRALIDOXIME CHLORIDE (Protopam)	Treatment of poisoning due to chemicals and drugs which have anticholinesterase activity
PROTAMINE SULFATE	To reverse the effects of heparin.
VITAMIN K (Aqua Mephyton)	Treatment of hemorrhage due to warfarin, coumarin.

**PROCEDURE:**

1. In the event of a poisoning or toxic exposure, immediately check stock levels of needed medications(antidotes).
2. If there is not adequate stock on hand to treat the poisoning or exposure, consult Table 2.
3. Contact the hospital pharmacy(s) with inventory levels likely to meet the needs of the current situation (i.e. first 24 hours of treatment).
4. Arrange for transport of antidotes to the facility.
5. If additional supply of medication is anticipated, initiate ordering through wholesaler or other identified source.

**Table 2.**

<u>ANTIDOTE NAME</u>	PRODUCT DESCRIPTION	<u>MINIMUM INVENTORY QUANTITY AT EACH FACILITY*</u>			
		<u>LEHHC</u>	<u>LGSH</u>	<u>LMHMC</u>	<u>LMPH</u>
ACETYLCYSTEINE (Mucomyst)	20%, 30ml vial	30	30	10	10
ACTIVATED CHARCOAL					
ALCOHOL (Ethyl)	98%, 5ml vial or 10%, 1 liter	15 1	15 1	15 1	15 1
ANTIVENINS (rattlesnake, Wyeth Polyvalent)	vial	10		10	
ANTIVENINS (black widow)	2.5ml vial	2		2	
ATROPINE					
BAL (Dimercaprol)	100mg/ml, 3ml amp	6	6	1	1
CALCIUM GLUCONATE CALCIUM GLUCEPTATE					
CYANIDE ANTIDOTE	kit	2	2	2	2
DEFEROXAMINE (Desferal)	500mg vial	4	4	4	4
DIGOXIN IMMUNE FAB (Digibind)	40mg vial	6	6	6	6
EDTA (Calcium Disodium Versenate)	200mg/ml, 5ml amp	6	6	3	3
FOMEPIZOLE (Antizole)	1.5g vial	4	1	1	1
FLUMAZENIL (Romazicon)					
IPECAC					
MAGNESIUM SULFATE					
METHYLENE BLUE					
NALOXONE (Narcan)					
PHYSOSTIGMINE SALICYLATE (Antilirium)	1mg/ml, 2ml amp	6	6	2	2
PRALIDOXIME CHLORIDE (Protopam)	Emergency Kit or 1g vial	6	6	2	2
PROTAMINE SULFATE					
VITAMIN K (Aqua Mephyton)					

\*SHADED AREAS INDICATE NO MINIMUM QUANTITY IDENTIFIED: PRODUCT ROUTINELY STOCKED AT ALL FACILITIES