

آنتی دوت ها

Antidotes

هر ماده ای که قابلیت
خنثی سازی اثرات سموم را داشته باشد .

<u>Poison</u> <u>toxic sign</u>	<u>Antidote</u>	<u>Adult dosage</u>
Acetaminophen	N- Acetylcysteine (NAC)	140 mg/kg PO, <i>followed by</i> 70 mg/kg q4h for 17 does
- pesticide poisoning - Organophosphate eg :Fisostigmine (Antilirium)® ,...	-Atropine sulfate - Pralidoxime * (2-PAM)® (Protopam)® (*in severe poisoning)	- 1-5 mg IV(IM,SC)q15min - 1 g IV (PO) over 15-30 min q 8-12 h in 3 doses
Cyanide	Amyl nitrite <i>followed by</i> sodium nitrite <i>followed by</i> sodium thiosulfate	Inhalation for 15-30 sec q min 300 mg (50 ml 3% solution) IV over 3 min 12.5 g (50 ml 25% solution) IV over 10 min

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Iron	Deferoxamine (Desferal)[®]	1 g IM (IV at a rate 15 mg/kg/h if hypotension) q8h prn
Extrapiramidal signs	- Diphenhydramine - Benztropine	- 25-50 mg IV (IM,PO) prn - 1-2 mg IV (IM,PO) prn
Warfarin & related drugs	- Vitamin K₁ (phytonadion) - Fresh frozen plasma	- 10 mg IM, SC, or IV - Variable
Digoxin	Antidigoxin Fab fragment (Digibind)[®] (Digifab)[®]	- acute ingestion : dose (vials) = [serum level (ng/ml) × 0.8] / 0.5 - Chronic ingestion : dose (vials) = [serum levl (ng/ml) × weight (kg)] / 100 , infused in 0.9% salin over 15-3 min ; repeat if toxicity persists

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Isoniazid (INH)	Pyridoxine (Vitamin B6)	Equal to INH ingestion up to 5 g over 30-60 min
Methanol	Ethanol	0.6 g/kg in D5W IV (PO) over 30-45 min, <i>followed initially by</i> 110 mg/kg/h to maintain a blood level of 100-150 mg/dl
Methemoglobinemia	Methylen blue	1-2 mg/kg (0.1-02 ml/kg 1 % solution) IV over 5 min , repeated in 1 h prn
Ethylen glycol (EG)	-Fomepizole (4-mp) (Antizol)® - Ethanol	-15 mg/kg IV, followed by 10 mg/kg IV q12h for 4 doses, followed by 15 mg /kg IV the EG level <20 mg/dl - 0.6 g/kg in D5W IV (PO) over 30-45 min, <i>followed initially by</i> 110 mg/kg/h to maintain a blood level of 100-150 mg/dl

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Heavy metals (arsenic, copper, gold, mercury,...)	Chelators : - Calcium disodium edetate (EDTA) - Dimercaprol (BAL) -Penicillamine -2,3Dimercaptosuccinic acid (DMSA,Succimer)	- 1 g IV (IM, PO) prn - 2.5-5 mg/kg IM q4-6h -250-500 mg PO q6h - 10 mg/kg PO tid × 5d , then bid × 14 d
Benzodiazepines (Diazepam,...)	Flumazenil	0.2 mg IV in 30 sec, followed by 0.3 mg at 1 min intervals to a total dose of 3 mg
Carbon monoxide	Oxygen	100 % , hyperbaric