

**Draft list of common antidotes for
Lebanon Humanitarian Crisis, 4 August 2006**

Disclaimer: this list may change as assessments proceed!

Antidotes and therapeutic agents are listed by the poison or overdose for which they are required. Where appropriate, an estimate is given of the quantity required for the treatment of one adult, bearing in mind that this can sometimes be very variable. All medicines mentioned, as antidotes or for treatment, are from the Essential Medicines List 14th edition, March 2005, unless otherwise indicated.

GENERAL (FOR MOST INGESTED POISONS)

- charcoal, activated powder (NOT TABLETS!), treatment 100g

ACETYLSALICYLIC ACID (ASPIRIN)

- sodium bicarbonate infusion, 1.26% or 8.4%.

ANTIDEPRESSANTS - TRICYCLICS

(e.g. amitriptyline, clomipramine, desipramine, dothiepin hydrochloride, doxepin, imipramine, lofepramine, nortriptyline, protriptyline, trimipramine)

- sodium bicarbonate infusion, 1.26% or 8.4%.
- AND**
- diazepam injection, 5mg/ml in 2-ml ampoule (intravenous or rectal); 500mg/ml in 10-ml ampoule

BENZODIAZEPINES

(e.g. diazepam, lorazepam, temazepam)

- flumazenil* injection, 0.1 mg/ml, treatment 1mg.

CHEMICAL BURNS

- burn dressings (after thorough decontamination with clean water)

OPIOIDS

(e.g. codeine, fentanyl, heroin, methadone, morphine)

- naloxone injection, 400 mcg (HCl) in 1-ml ampoule, treatment 2-30 mg (very variable, depends on patient and the medicine).

* (not on Essential Medicines List 2005)

PARACETAMOL

- acetylcysteine injection, 200mg/ml in 10-ml ampoule, treatment 21g.
- OR**
- DL-methionine tablet, 250mg, treatment 10g.

PESTICIDES - ANTICOAGULANT RODENTICIDES

(e.g. warfarin, brodifacoum, difenacoum, bromadiolone)

- Vitamin K₁ (phytomenadione) tablets 10 mg, injection 2 mg/ml, 10 mg/ml.
Treatment 0.1-1.4 g (duration of therapy depends on type of anticoagulant).

PESTICIDES - CARBAMATES

(e.g. carbofuran, aldicarb, carbaryl)

- atropine injection, 1mg (sulfate) in 1-ml ampoule. Treatment 1g.

PESTICIDES - ORGANOPHOSPHATES

(e.g. diazinon, malathion, demeton-S-methyl)

- atropine injection, 1mg (sulfate) in 1-ml ampoule. Treatment 1g.
- AND**
- diazepam injection, 5mg/ml in 2-ml ampoule; 500mg/ml in 10-ml ampoule.
- AND EITHER**
- obidoxime* dichloride; 250 mg/ml ampoule of 1 ml. Treatment 6g.
- OR**
- pralidoxime* injection, 1 g (chloride) ampoule, injection 200 mg/ml (mesilate) 5 ml amp.
Treatment 12g.

SMOKE (E.G. FROM OIL FIRES)

- salbutamol inhalation (aerosol), 100 micrograms (as sulfate) per dose; injection, 50micrograms (as sulfate)/ml in 5-ml ampoule; respirator solution for use in nebulizers, 5mg (as sulfate)/ml.
- AND**
- hydrocortisone powder for injection, 100mg (as sodium succinate) in vial.
- AND**
- oxygen.

* (not on Essential Medicines List 2005)