

Fantastic Antidotes

and where to find them

THIS TABLE IS NOT A SUBSTITUTE FOR CONSULTING TOXBASE +/- NPIS. YOU SHOULD ALWAYS CONSULT TOXBASE FOR PATIENTS WHO HAVE TAKEN A CONFIRMED OR SUSPECTED OVERDOSE /HARMFUL SUBSTANCE.

ANTIDOTE	INDICATION	LOCATION
Acetylcysteine	Paracetamol	RESUS MAIN DRUG CABINET
Activated Charcoal	Many oral poisons	TRIAGE AND MAJORS DRUG CABINET
Andexanet Alfa	Factor Xa inhibitors - Apixaban, Edoxaban, Riveroxaban	WARD 10 EMERGENCY DRUG FRIDGE
Anti-venoms for non-indigenous venomous animals	Significant envenomation	Royal Liverpool Hospital (via OOH pharmacist)
Atropine	Organophosphorus or carbamate insecticides Bradycardia	RESUS MAIN DRUG CABINET
Beriplex	Vitamin K dependant anticoagulants	RESUS FRIDGE A
Berlin Blue soluble (Prussian Blue)	Thallium	Contact OOH Pharmacist
Botulinium Antitoxin	Botulinism	Contact OOH Pharmacist – held at QEH
Calcium Chloride	Calcium Channel Blockers	RESUS MAIN DRUG CABINET
Calcium Folate	Methotrexate Methanol Formic Acid	WARD 18



ANTIDOTE

INDICATION

LOCATION

Calcium Gluconate	Hydrofluoric Acid	RESUS MAIN DRUG CABINET
Calcium Gluconate Gel		
Chlorpromazine	Serotonin Syndrome	ICU/HDU
Cyproheptadine		RESUS CABINET B, ICU
Dantrolene	Neuroleptic Malignant Syndrome	ICU
Desferrioxamine	Iron	RESUS FRIDGE A
Dicobalt edetate	Cyanide: choice of antidote depends on severity of poisoning	Contact OOH Pharmacist – HELD OFFSITE
Digoxin specific antibody (Digibind or Digifab)	Digoxin Digoxin related glycosides	CCU FRIDGE
Flumazenil	Reversal of iatrogenic over-sedation with benzodiazepines	RESUS MAIN DRUG CABINET
Fomepizole	Ethylene Glycol Methanol	Contact OOH Pharmacist – HELD OFFSITE
Glucose 20%	Insulin and hypoglycaemia agents	RESUS CABINET A
Glucagon	Beta-adrenoceptor blocking drugs Calcium Channel Blockers TCAs	RESUS FRIDGE A AND MINOR EYE ROOM
Glucarpidase	Methotrexate	Contact OOH Pharmacist
Glyceryl Trinitrate	Hypertension	RESUS MAIN DRUG CABINET
Isosorbide Dinitrate		
Hydroxocobalamin (Cyanokit)	Cyanide: choice of antidote depends on severity of poisoning	RESUS CABINET A
Idarucizumab	Dabigatran	WARD 18



ANTIDOTE**INDICATION****LOCATION**

Insulin (actrapid)	Beta Blockers	ED MAIN CABINET
	Calcium Channel Blockers	
Intralipid	Cardiotoxicity from lipophilic substances	RESUS STORE CUPBOARD
	Local Anaesthetic Toxicity	
Lorazepam	Multiple toxins including sympathomimetics, serotonergic substances & seizure-inducing agents	RESUS MAIN CABINET
Magnesium		
Macrogel '3350' (polyethylene glycol) <i>Klean-Prep</i>	<i>Whole bowel irrigation for agents not bound by activated charcoal:</i> Iron & Lithium	SURGICAL WARDS
Mesna	Cyclophosphamide	WARD 18
Methylthionium Chloride (Methylene Blue)	Methaemoglobinaemia	RESUS CABINET B
Midazolam	Multiple toxins including sympathomimetics, serotonergic substances & seizure-inducing agents	RESUS MAIN CABINET
Naloxone	Opioids	CRASH TROLLEY RESUS MAIN CABINET
Octreotide	Sulphonylureas	RESUS FRIDGE A
Phytomenadione (Vitamin K1)	Vitamin K dependant anticoagulants	RESUS MAIN DRUG CABINET
Pralidoxime chloride	Organophosphorus insecticides	Contact OOH Pharmacist – HELD OFFSITE
Procyclidine	Dystonic Reactions	RESUS CABINET B
Protamine Sulphate	Heparin	MEDICAL WARDS



ANTIDOTE

INDICATION

LOCATION

Pyridoxine	Isoniazid	Contact OOH Pharmacist – HELD OFFSITE
Sodium Bicarbonate 8.4% and 1.26% or 1.4%	TCA's and Class 1a & 1c Antiarrhythmic drugs	RESUS STORE CUPBOARD
Sodium calcium edetate	Heavy metals (esp. Lead)	CONTACT OOH Pharmacist – OFFSITE
Sodium nitrite	Cyanide: choice of antidote depends on severity of poisoning	CONTACT OOH Pharmacist - OFFSITE
Sodium thiosulphate		
Suggamadex	Rocuronium	RESUS FRIDGE B
Succimer	Heavy metals (esp. Lead and arsenic)	CONTACT OOH Pharmacist – OFFSITE
Unithiol	Heavy metals (esp. Mercury)	
Viper venom antiserum 'ViperaTAb'	European Adder <i>Vipera berus</i>	MINOR EYE ROOM

What is 'RUUM' List?

***The 'RUUM' List is the 'Rarely Used Urgent Medicines' database for Scotland and is accessed via TOXBASE**



References: RCEM Guidelines on Antidote Availability (2017)

by Dr George Bainbridge and Mhairi Roscoe (March 2018)