

# 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.

PLEASE SEE GUIDELINE REGARDING ADMINISTRATION, search antidotes on RHC ED Guidelines.  
For advice please contact On-Call Pharmacist via switchboard. ED Consultant should also be contacted in all cases.

ANTIDOTE	INDICATION	LOCATION
Acetylcysteine	Paracetamol	Resus Cupboard 2
Activated Charcoal	Many oral poisons	'Dispensing Drugs' Cupboard in Clean Prep Room
Andaxet Alfa	Apixaban/Rivaroxaban	Adult Resus Fridge 1
Atropine	Organophosphorus or carbamate insecticides Bradycardia	Resus Cupboards 2&3
Calcium Chloride	Calcium Channel Blockers	Resus Cupboard 2 + mini-jets in Resus Cupboard 3
Calcium Folate	Methotrexate Methanol Formic Acid	Ward 2A
Calcium Gluconate	Hydrofluoric Acid	Resus Cupboard 2
Calcium Gluconate Gel		Adult Resus Cupboard 5
Cyproheptadine	Serotonin Syndrome	Resus Cupboard 1
Dantrolene	Neuroleptic Malignant Syndrome	Resus Cupboard 1
Desferrioxamine	Iron	Resus Cupboard 2*
Digoxin specific antibody (Digibind or Digifab)	Digoxin	Adult Resus Fridge 2
	Digoxin related glycosides	
Flumazenil	Reversal of over-sedation with benzodiazepines	Resus Cupboard 2
Fomepizole	Ethylene Glycol	QE Adult Emergency Cupboard (ARU)
Glucose 20%	Insulin and hypoglycaemia agents	Adult ED Resus



Glucagon	Beta-adrenoceptor blocking drugs Calcium Channel Blockers TCAs	Resus Fridge
Glyceryl Trinitrate	Hypertension	Resus Cupboard 1 (chest pain box)
Hydroxocobalamin	Cyanide: choice of antidote depends on severity of poisoning	Ward 2C/ 3A/ 3B
Idarucizumab	Dabigatran	QE Adult Emergency Cupboard (ARU)
Insulin (actrapid)	Beta Blockers Calcium Channel Blockers	Resus Fridge
Intralipid 20%	Cardiotoxicity from lipophilic substances Local Anaesthetic Toxicity	Resus Drawers
Levocarnitine (L-Carnitine)	Sodium Valproate	Contact on call pharmacist
Lorazepam	Multiple toxins	Resus Fridge
Magnesium		Resus Cupboard 3
Mesna	Cyclophosphamide	Ward 2A
Methylthioninium Chloride (Methylene Blue)	Methaemoglobinaemia	Ward 2a, Theatres 1B, NICU
Midazolam	Multiple toxins including sympathomimetics, serotonergic substances & seizure-inducing agents	Resus CD Cupboard
Naloxone	Opioids	Resus Cupboard 3
Octreotide	Sulphonylureas	Resus Fridge
Phytomenadione (Vitamin K1)	Vitamin K dependant anticoagulants	Resus Cupboard 3
Procyclidine	Dystonic Reactions	Resus Cupboard 3
Protamine Sulphate	Heparin	Resus Cupboard 3
Pyridoxine	Isoniazid	QEUH Emergency Cupboard (ARU, PICU, NICU)
Sodium Bicarbonate 8.4%	TCAs and Class 1a & 1c Antiarrhythmic drugs Urinary alkalinisation	Resus Cupboard 3
Sodium Bicarbonate 1.26%		QE Adult ED Resus
Sodium Thiosulphate	Cyanide: choice of antidote depends on severity of poisoning	Adult Resus Cupboard 7E
European Viper Antivenom	European Adder <i>Vipera berus</i>	Phone oncall pharmacist

ES: Royal College of Emergency Medicine and National Poisons Information Service Guideline on Antidote Availability for Emergency Departments (Version 7, September 2023)

Updated July 2025 (Dr K Boyle) any issues please contact Dr Pope on jamie.pope2@nhs.scot

