

## Mercy University Hospital Antidote List

**A - required to be immediately available (within the Emergency Department)**

**B - required to be available within 1 hour (within the hospital)**

**C - these drugs are rarely used and can be held supra-regionally**

| Drug                                   | Indication   | Availability requirement | Presentation                                 | Minimum Quantity           | Location        | Comment   | Expiry  |
|--|--|--------------------------|--|----------------------------|-----------------|---|---------|
| <b>Andexanat Alfa</b>                  | Reversal of anticoagulation from apixaban/rivaroxaban  | B                        | Ondexxya 200mg vial                          | 3 packs of 4x 200 mg vials | Pharmacy Fridge | Second shelf from bottom in Fridge 2 in Pharmacy                      | 12/2025 |
| <b>Acetylcysteine</b>                  | Paracetamol  | A                        | Parvolex 2g in 10ml amp                      | 10 amps                    | Antidote box    | More available in Drug Room in ED and in injection room in Pharmacy   | 05/2025 |
| <b>Activated charcoal</b>              | Most oral poisons  | A                        | Carbomix 50g granules                        | 1 x 50g                    | Antidote box    | More available in Drug Room in ED and in Pharmacy (near oral liquids) | 12/2024 |
| <b>Atropine sulphate</b>               | Organophosphate and carbamate insecticides   | A                        | 600mcg/ml amps                               | 10 amps                    | Antidote box    | More available in Drug Room in ED and in injection room in Pharmacy   | 06/2025 |
| <b>Benzylpenicillin</b>                | Amatoxin poisoning   | C                        | Crystapen 600mg vials                        | 25 vials                   | ED Drug room    | More available in injection room in Pharmacy                          | 08/2026 |
| <b>Calcium Chloride</b>                | Calcium Channel blockers<br>Hydrofluoric acid  | A                        | 10%w/v PFS for slow infusion                 | 1 pre-filled syringe       | Antidote box    | More available in injection room in Pharmacy                          | 10/2024 |
| <b>Calcium gluconate</b>               | Hydrofluoric acid  | A                        | 10% 10ml amps                                | 10 amps                    | Antidote box    | More available in injection room in Pharmacy                          | 07/2024 |
| <b>Calcium Gluconate (CF) 2.5% Gel</b> | Hydrofluoric acid burns < 5% of body surface or exposures to concentrations of less than 20% hydrofluoric acid | A                        | HF Antidote Gel (Calcium gluconate 2.5% gel) | 2 x 25g tubes              | Antidote box    |   | 06/2026 |

|  |  |   |                                   |            |                    |  |         |
|--|--|---|-----------------------------------|------------|--------------------|--|---------|
| <b>Cholestyramine</b>                    | Oral anti-coagulants                           | B | JAMP<br>Cholestyramine 4g sachets | 3 sachets  | Antidote box       | More available in Pharmacy (near oral liquids)                             | 06/2028 |
| <b>Cyproheptadine</b>                    | Serotonin syndrome                             | B | Periactin 4mg tabs                | 10 tabs    | Antidote box       | More available in Pharmacy   | 05/2026 |
| <b>Dantrolene (Dantrium)</b>             | Neuroleptic Malignant Syndrome                 | B | 20mg vial                         | 12         | Theatre            | Very expensive – stored in theatre. CUH stock in CD/DDA press in Resus     | Theatre |
| <b>Desferrioxamine (Desferal)</b>        | Iron   | B | 500mg vial                        | 20 vials   | Antidote box       | More available in injection room in Pharmacy                               | 12/2024 |
| <b>Diazepam (Diazemuls)</b>              | Convulsions, agitation                         | A | 10mg/2ml amps                     | 10 amps    | Antidote box       | More available in injection room in Pharmacy                               | 01/2025 |
| <b>DigiFab</b>                           | Digoxin toxicity                               | A | 40mg/4ml                          | 6          | Pharmacy Fridge    | One additional vial stored in fridge in CCU. CUH stock in Resus Fridge     | 01/2025 |
| <b>Dehydrated alcohol (Ethanol)</b>      | Ethylene glycol and methanol                   | A | 5ml amps                          | 30 amps    | Antidote box       | Fomepizole to be used first line.  | 01/2027 |
| <b>Flumazenil</b>                        | Benzodiazepine overdose                        | A | 5ml amps                          | 10 amps    | Antidote box       | More available in injection room in Pharmacy                               | 03/2025 |
| <b>Folinic Acid (Calcium leucovorin)</b> | Methotrexate, methanol & formic acid toxicity  | B | 300mg vial                        | 1          | Pharmacy Fridge    | More available in fridge in St Therese's Day Ward                          | 09/2024 |
| <b>Fomepizole (Antizol)</b>              | Ethylene glycol and methanol                   | B | 1.5ml vial                        | 4 vials    | Antidote box       | Very expensive!<br>More stored in pharmacy on IV shelves.                  | 03/2026 |
| <b>Glucagon hypokit</b>                  | Beta & calcium channel blockers, hypoglycaemia | A | Hypokit                           | 5 syringes | Fridge in ED Resus | More available in the Fridge in ED Clean Utility and in fridge in Pharmacy | 01/2026 |
| <b>Idarucizumab (Praxbind)</b>           | Dabigatran                                     | B | 2.5g/50ml vial                    | 2          | Pharmacy Fridge    | Very expensive   | 11/2024 |

|  |   |   |  |           |                              |  |         |
|--|---|---|--|-----------|------------------------------|--|---------|
| <b>Intralipid</b>                              | Lidocaine toxicity  | A | 20% w/v<br>500ml<br>emulsion for<br>infusion | 2 bags    | Antidote<br>box              | More available in pharmacy<br>or stock on theatre        | 10/2024 |
| <b>Mesna</b>                                   | Cyclophosamide or<br>Ifosfamide toxicity                                | B | 1g/10ml<br>amps                              | 15        | Pharmacy                     | On shelf below Cytotoxic<br>drug press                   | 07/2028 |
| <b>Methylene blue</b>                          | Treatment of<br>methaemoglobinaemia                                     | A | 50mg/10ml<br>amps                            | 5 amps    | Antidote<br>box              | More available in injection<br>room in Pharmacy          | 09/2024 |
| <b>Naloxone</b>                                | Opioid overdose   | A | 400mcg/1ml<br>amps                           | 25 amps   | Antidote<br>box              | More available in injection<br>room in Pharmacy          | 10/2025 |
| <b>Octreotide</b>                              | Hypoglycaemia from<br>sulphonylureas&quinine                            | B | 50mcg amps                                   | 2         | Pharmacy<br>Fridge           |  | 11/2024 |
| <b>Penicillamine</b>                           | Lead, copper and<br>arsenic poisoning                                   | C | 250mg tabs                                   | 100 tabs  | Antidote<br>box              | Also stored in CUH - stock in<br>CD/DDA press in Resus   | 05/2026 |
| <b>Phentolamine<br/>(Rogitine)</b>             | Hypertension caused<br>by MAOIs or clonidine<br>or cocaine ingestion    | A | 10mg/ml<br>amps                              | 5         | Fridge in<br>Main<br>Theatre | Theatre  | 03/2026 |
| <b>Phytomenadione<br/>(Vitamin K)</b>          | Vitamin K dependent<br>anticoagulants                                   | B | 10mg/ml<br>amps                              | 10 amps   | Antidote<br>box              | More available in injection<br>room in Pharmacy          | 05/2025 |
| <b>Polyethylene<br/>glycol<br/>(Kleanprep)</b> | Gut decontamination<br>for lithium and iron                             | B | Sachets                                      | 8 sachets | Antidote<br>box              | More available in Pharmacy<br>(stored with oral liquids) | 09/2025 |
| <b>Pralidoxime</b>                             | Organophosphorus<br>insecticides  | C | 1g injection                                 | 6         | CUH                          | Stored in CUH - stock in<br>CD/DDA press in Resus        | CUH     |
| <b>Procyclidine<br/>(Kemadrin)</b>             | Dystonic reactions<br>caused by<br>antipsychotics and<br>metoclopramide | A | 10mg/2ml<br>amps                             | 5 amps    | Antidote<br>box              | More available in St<br>Michael's Unit                   | 06/2025 |
| <b>Protamine</b>                               | Heparin poisoning   | A | 10mg/ml<br>amps                              | 10 amps   | Antidote<br>box              | More available in injection<br>room in Pharmacy          | 07/2025 |

|  |   |   |                       |                       |                 |  |         |
|--|---|---|-----------------------|-----------------------|-----------------|--|---------|
| <b>Prussian Blue</b>   | Thallium poisoning                            | C | Capsules              | 250mg/kg<br>/day p.o. | CUH             | Stored in CUH - stock in<br>CD/DDA press in Resus      | CUH     |
| <b>Pyridoxine</b>  | Isoniazid toxicity                            | A | 100mg/2ml<br>amps     | 50 amps               | Antidote<br>box | Also stored in CUH - stock in<br>CD/DDA press in Resus | 09/2024 |
| <b>Sodium<br/>bicarbonate<br/>8.4% and 1.26%<br/>or 1.4%</b> | Aspirin/ Tricyclic<br>antidepressant toxicity | A | 100ml 8.4%<br>bottles | 3 bottles             | Antidote<br>box | More available in injection<br>room in Pharmacy        | 07/2025 |
| <b>Sodium<br/>thiosulphate</b>                               | Cyanide toxicity                              | A | 10g/20ml<br>amps      | 5 amps                | Antidote<br>box | Also stored in CUH - stock in<br>CD/DDA press in Resus | 09/2024 |
| <b>Starch</b>  | Iodine  | A | Powder                | 15g                   | Antidote<br>box |  | 08/2024 |

### Contents of MUH Antidote Box ED

| DRUG                            | LOCATION        | PRESENTATION                   | MINIMUM QUANTITY REQUIRED  | EXPIRY |
|---------------------------------|-----------------|--------------------------------|----------------------------|--------|
| Andexanat Alfa                  | Pharmacy Fridge | Ondexxya 200ml vial            | 3 packs of 4x 200 mg vials | 12/25  |
| Acetylcysteine                  | Antidote box    | Parvolex 2g in 10ml amp        | 10 amps                    | 05/25  |
| Activated charcoal              | Antidote box    | Carbomix 50g granules          | 1 x 50g                    | 12/24  |
| Atropine sulphate               | Antidote box    | 600mcg/ml amps                 | 10 amps                    | 06/25  |
| Benzylpenicillin                | ED drug room    | Crystapen 600mg vials          | 25 vials                   | 08/26  |
| Calcium Chloride                | Antidote box    | 10%w/v PFS                     | 1 pre-filled syringe       | 10/24  |
| Calcium gluconate               | Antidote box    | 10% 10ml amps                  | 10 amps                    | 07/24  |
| Calcium Gluconate (CF) 2.5% Gel | Antidote box    | 25g tubes                      | 2 tubes                    | 06/26  |
| Cholestyramine                  | Antidote box    | JAMP Cholestyramine 4g sachets | 3 sachets                  | 06/28  |
| Cyproheptadine                  | Antidote box    | Periactin 4mg tabs             | 10 x 4mg tabs              | 05/26  |
| Desferrioxamine (Desferal)      | Antidote box    | 500mg vial                     | 20 vials                   | 12/24  |
| Diazemuls                       | Antidote box    | 10mg/2ml amps                  | 10 amps                    | 01/25  |
| Dehydrated alcohol (Ethanol)    | Antidote box    | 5ml amps                       | 30 amps                    | 01/27  |
| Digifab                         | Pharmacy Fridge | 40mg/4ml vials                 | 6                          | 01/25  |
| Flumazenil                      | Antidote box    | 5ml amps                       | 10 amps                    | 03/25  |
| Fomepizole (Antizol)            | Antidote box    | 1.5ml vial                     | 4 vials                    | 03/26  |
| Glucagen hypokit                | ED Fridge       | Hypokit                        | 5 syringes                 | 01/26  |
| Idarucizumab (Praxbind)         | Pharmacy Fridge | 2.5g/50ml vial                 | 2                          | 11/24  |

|  |                        |                             |             |       |
|--|------------------------|-----------------------------|-------------|-------|
| <b>Intralipid 20% w/v</b>              | Antidote box           | 500ml emulsion for infusion | 2 bags      | 10/24 |
| <b>Methylene blue</b>                  | Antidote box           | 50mg/10ml amps              | 5 amps      | 09/24 |
| <b>Naloxone</b>                        | Antidote box           | 400mcg/1ml amps             | 25 amps     | 10/25 |
| <b>Penicillamine</b>                   | Antidote box           | 250mg tabs                  | 100 tabs    | 05/26 |
| <b>Phentolamine (Rogitine)</b>         | Fridge in Main Theatre | 10mg/ml amps                | 5           | 03/26 |
| <b>Phytomenadione (Vitamin K)</b>      | Antidote box           | 10mg/ml amps                | 10 amps     | 05/25 |
| <b>Polyethylene glycol (Kleanprep)</b> | Antidote box           | Sachets                     | 8 sachets   | 09/25 |
| <b>Procyclidine (Kemadrin)</b>         | Antidote box           | 10mg/2ml amps               | 5 amps      | 06/25 |
| <b>Protamine</b>                       | Antidote box           | 10mg/ml amps                | 10x5ml amps | 07/25 |
| <b>Pyridoxine</b>                      | Antidote box           | 100mg/2ml amps              | 50 amps     | 09/24 |
| <b>Sodium bicarbonate</b>              | Antidote box           | 100ml 8.4% bottles          | 3 bottles   | 07/25 |
| <b>Sodium thiosulphate</b>             | Antidote box           | 10g/20ml amps               | 5 amps      | 09/24 |
| <b>Starch</b>                          | Antidote box           | Powder                      | 15g         | 08/24 |