

## 2022 SAFE LIST: Drugs that are considered to be **SAFE** for use in the acute porphyrias

This safe list was produced jointly by the UK Porphyria Medicines Information Service (UKPMIS) and Cardiff Porphyria Service and is supported by the National Acute Porphyria Service (NAPS). We gratefully acknowledge the clinical impact of the evidence-based drug safety assessments provided on the comprehensive Drug Database for Acute Porphyria (<http://www.drugs-porphyria.org>) on the range of available medicines for porphyria patients.

This list is based on the best information available to us at the time of compilation and provides guidance on drugs to use first line. It is not intended to be comprehensive. Inclusion of a drug does not guarantee that it will be safe in all circumstances. For information on medication not listed and advice on the use of antiretrovirals, antineoplastics or other complex treatment scenarios please contact UKPMIS by telephone (**029 2184 2251**), or see our website <https://www.wmic.wales.nhs.uk/specialist-services/drugs-in-porphyria/>. Unfortunately we are unable to accept enquiries via e-mail.

**Healthcare professionals requiring clinical advice on the management of acute porphyria attacks should contact NAPS on 029 2184 7747 – available 24 hours a day, 7 days a week.**

**All topical preparations (including topical antifungals, lice treatments & eye drops) are considered safe, when applied to intact skin or mucosa.**

|  |                               |  |  |
|--|-------------------------------|--|--|
| Abatacept                              | Belatacept                    | Co-amoxiclav   | Eplerenone                                       |
| Abciximab                              | Belimumab                     | Co-beneldopa   | Epoetin  |
| Acamprosate                            | Bendroflumethiazide           | Co-careldopa   | Eprosartan                                       |
| Acebutolol                             | Benralizumab                  | Codeine phosphate  | Eptifibatide                                     |
| Acetazolamide                          | Benzylpenicillin              | Co-fluampicil <sup>1</sup>                                     | Ergocalciferol                                   |
| Acetylcysteine                         | Betahistine                   | Colchicine   | Ertapenem  |
| Aciclovir                              | Betamethasone                 | Colecalciferol   | Ertugliflozin                                    |
| Acidinium bromide                      | Betaxolol                     | Colesevelam  | Escitalopram                                     |
| Adalimumab                             | Bevacizumab                   | Colestipol   | Esmolol  |
| Adenosine                              | Bezafibrate                   | Colestyramine  | Esomeprazole                                     |
| Adrenaline                             | Bisacodyl                     | Contrast media –<br>gadolinium-based                           | Etanercept                                       |
| Aflibercept                            | Bisoprolol                    | Contrast media –<br>gadolinium-based                           | Ethambutol                                       |
| Alemtuzumab                            | Budesonide                    | Contrast media – Gastrografin®                                 | Etoricoxib                                       |
| Alendronic acid                        | Bumetanide                    | Contrast media – iodine-based                                  | Exenatide  |
| Alfacalcidol                           | Bupivacaine                   | COVID-19 vaccines  | Ezetimibe  |
| Alfentanil                             | Buprenorphine                 | Cyclizine  | Famciclovir                                      |
| Alginates (e.g. Gaviscon®,<br>Peptac®) | Calcitriol                    | Cycloserine  | Felodipine                                       |
| Allopurinol                            | Calcium polystyrene sulfonate | Dabigatran   | Fenofibrate                                      |
| Almotriptan                            | Calcium salts                 | Dalteparin   | Fentanyl   |
| Alogliptin                             | Canagliflozin                 | Danaparoid   | Fexofenadine                                     |
| Alpha tocopheryl/tocopherol            | Canakinumab                   | Dapagliflozin  | Filgrastim                                       |
| Alteplase                              | Candesartan                   | Darbepoetin  | Flucloxacillin <sup>1</sup>                      |
| Aluminium salts                        | Captopril                     | Deflazacort  | Flucytosine                                      |
| Amantadine                             | Carbimazole                   | Demeclocycline   | Fludrocortisone                                  |
| Amikacin                               | Carboprost                    | Denosumab  | Flumazenil                                       |
| Amiloride                              | Carvedilol                    | Desferrioxamine  | Fluoxetine                                       |
| Aminophylline                          | Casirivimab                   | Desflurane   | Fluphenazine                                     |
| Amisulpride                            | Caspofungin                   | Desloratadine  | Fluticasone                                      |
| Amitriptyline                          | Cefaclor                      | Dexamethasone  | Fluvastatin                                      |
| Amlodipine                             | Cefadroxil                    | Dextromethorphan   | Fluvoxamine                                      |
| Amoxicillin                            | Cefalexin                     | Diamorphine  | Fondaparinux                                     |
| Amphotericin                           | Cefepime                      | Diazepam   | Formoterol                                       |
| Ampicillin                             | Cefixime                      | Diclofenac   | Fosfomycin                                       |
| Anakinra                               | Cefotaxime                    | Dicycloverine  | Fosinopril                                       |
| Anidulafungin                          | Cefoxitin                     | Digoxin  | Furosemide                                       |
| Apixaban                               | Cefradine                     | Dihydrocodeine   | Fusidic acid                                     |
| Arachis oil enema                      | Ceftaroline                   | Dimeticone   | Gabapentin                                       |
| Argatroban                             | Ceftazidime                   | Dinoprostone   | Galantamine                                      |
| Aripiprazole                           | Ceftriaxone                   | Diphenhydramine  | Ganciclovir                                      |
| Articaine                              | Cefuroxime                    | Diphtheria/tetanus/<br>pertussis/polio vaccine                 | G-CSF (Granulocyte-colony<br>stimulating factor) |
| Ascorbic acid                          | Celecoxib                     | Diphtheria/tetanus/pertussis/<br>polio/Hib/hepatitis B vaccine | Gemprost   |
| Aspirin                                | Certolizumab                  | Dipyridamole   | Gemfibrozil                                      |
| Atenolol                               | Cetirizine                    | Dobutamine   | Gentamicin                                       |
| Atomoxetine                            | Cetuximab                     | Domperidone  | Glipizide  |
| Atorvastatin                           | Chloroquine                   | Dopamine   | Glucagon   |
| Atovaquone                             | Chlorphenamine                | Doxazosin  | Glucosamine                                      |
| Atracurium                             | Ciclesonide                   | Doxycycline  | Glycerol suppositories                           |
| Atropine                               | Ciclosporin                   | Dulaglutide  | Glyceryl trinitrate                              |
| Azathioprine                           | Cimetidine                    | Duloxetine   | Glycopyrronium                                   |
| Azithromycin                           | Cinacalcet                    | Eculizumab   | Golimimumab                                      |
| Aztreonam                              | Ciprofloxacin                 | Eletriptan   | Granisetron                                      |
| Baclofen                               | Cisatracurium                 | Empagliflozin  | Haloperidol                                      |
| Balsalazide                            | Citalopram                    | Enalapril  | Heparin, unfractionated                          |
| Barium sulphate                        | Clobazam                      | Enoxaparin   | Hepatitis A vaccine                              |
| Basiliximab                            | Clonazepam                    | Entacapone   | Hepatitis B vaccine                              |
| BCG vaccine                            | Clonidine                     | Epinephrine  | Hib/Meningococcal group C<br>vaccine             |
| Beclometasone                          | Clopidogrel                   |  |  |
|  | Clozapine                     |  |  |

|  |  |                                     |                                  |
|--|--|-------------------------------------|----------------------------------|
| Human papillomavirus (HPV) vaccine               | Meningococcal groups A, C, W, Y vaccine    | Penicillamine                       | Sodium zirconium cyclosilicate   |
| Hydrocortisone                                   | Mepivacaine                                | Perindopril arginine                | Solifenacin                      |
| Hyoscine butylbromide                            | Meropenem                                  | Perindopril erbumine                | Sotalol                          |
| Hyoscine hydrobromide                            | Meropenem with vaborbactam                 | Pethidine                           | Sotrovimab                       |
| Ibandronic acid                                  | Mesalazine                                 | Phenoxyethylpenicillin              | Sterculia                        |
| Ibuprofen  | Metformin                                  | Phenylephrine                       | Streptokinase                    |
| Imdevimab  | Methadone                                  | Phosphate enema                     | Strontium                        |
| Imipenem   | Methotrexate                               | Phosphate salts                     | Sulpiride                        |
| Immunoglobulins                                  | Methylcellulose                            | Phytomenadione                      | Sumatriptan                      |
| Indometacin                                      | Methylnaltrexone bromide                   | Pindolol                            | Suxamethonium                    |
| Infliximab                                       | Methylphenidate                            | Pioglitazone                        | Tacrolimus                       |
| Influenza vaccine (inactivated)                  | Methylprednisolone                         | Piperacillin with tazobactam        | Tadalafil                        |
| Influenza vaccine (live attenuated) <sup>2</sup> | Metoclopramide                             | Pneumococcal conjugate vaccine      | Tamsulosin                       |
| Insulins   | Metoprolol                                 | Pneumococcal polysaccharide vaccine | Teicoplanin                      |
| Ipratropium bromide                              | Metronidazole                              | Pramipexole                         | Telmisartan                      |
| Irbesartan                                       | Midazolam <sup>4</sup>                     | Prasugrel                           | Temazepam                        |
| Iron salts                                       | Midodrine                                  | Pravastatin                         | Tenecteplase                     |
| Isoflurane                                       | Mirabegron                                 | Prazosin                            | Terazosin                        |
| Isosorbide dinitrate                             | Mirtazapine                                | Prednisolone                        | Terbinafine                      |
| Isosorbide mononitrate                           | Misoprostol                                | Pregabalin                          | Terbutaline                      |
| Ispaghula husk                                   | Mivacurium                                 | Prilocaline                         | Tetanus/diphtheria/polio vaccine |
| Ivabradine                                       | Mizolastine                                | Primaquine                          | Tetracosactide                   |
| Ketoprofen                                       | Mometasone                                 | Prochlorperazine                    | Theophylline                     |
| Labetalol  | Morphine                                   | Proguanil                           | Thiamine                         |
| Lacosamide                                       | Moxifloxacin                               | Promethazine                        | Ticagrelor                       |
| Lactulose  | Moxonidine                                 | Propofol <sup>4</sup>               | Tigecycline                      |
| Lamotrigine                                      | Multivitamins                              | Propranolol                         | Tildrakizumab                    |
| Lansoprazole                                     | Mycophenolate mofetil                      | Propylthiouracil                    | Timolol                          |
| Leflunomide                                      | Mycophenolic acid                          | Prucalopride                        | Tinzaparin                       |
| Lenograstim                                      | Nadolol                                    | Pseudoephedrine                     | Tiotropium                       |
| Lercanidipine                                    | Naftidrofuryl                              | Pyrazinamide                        | Tirofiban                        |
| Levetiracetam                                    | Naloxone                                   | Pyridostigmine                      | Tobramycin                       |
| Levobunolol                                      | Naproxen                                   | Pyridoxine                          | Tocilizumab                      |
| Levofloxacin                                     | Naratriptan                                | Quetiapine                          | Tolterodine                      |
| Levomepromazine                                  | Natalizumab                                | Quinapril                           | Tolvaptan                        |
| Levothyroxine                                    | Nateglinide                                | Quinine                             | Tramadol                         |
| Lidocaine <sup>3</sup>                           | Nebivolol                                  | Rabeprazole                         | Trandolapril                     |
| Linaclotide                                      | Neostigmine                                | Ramipril                            | Tranexamic acid                  |
| Linagliptin                                      | Nicotinamide                               | Ranitidine                          | Trastuzumab                      |
| Linezolid  | Nicotine replacement therapy               | Remifentanyl                        | Trazodone                        |
| Liothyronine                                     | Nifedipine                                 | Repaglinide                         | Triamcinolone                    |
| Lipegfilgrastim                                  | Nimodipine                                 | Ribavirin                           | Trifluoperazine                  |
| Liquid paraffin enema                            | Nitrous oxide                              | Riboflavin                          | Umeclidinium                     |
| Liraglutide                                      | Noradrenaline                              | Risedronate                         | Urokinase                        |
| Lisinopril                                       | Norepinephrine                             | Rituximab                           | Ursodeoxycholic acid             |
| Lithium carbonate                                | Nortriptyline                              | Rivaroxaban                         | Ustekinumab                      |
| Lithium citrate                                  | Nuclear medicine – technetium <sup>5</sup> | Rivastigmine                        | Valaciclovir                     |
| Lixisenatide                                     | Nystatin                                   | Rizatriptan                         | Valganciclovir                   |
| Loperamide                                       | Octreotide                                 | Rocuronium                          | Valsartan                        |
| Loratadine                                       | Ofatumumab                                 | Rosuvastatin                        | Vancomycin                       |
| Lorazepam  | Ofloxacin                                  | Salbutamol                          | Vedolizumab                      |
| Losartan   | Olanzapine                                 | Salmeterol                          | Venlafaxine                      |
| Lymecycline                                      | Omeprazole                                 | Sarilumab                           | Vigabatrin                       |
| Macrogols  | Ondansetron                                | Saxagliptin                         | Vildagliptin                     |
| Magnesium citrate with sodium picosulfate        | Orlistat                                   | Senna                               | Vitamin A                        |
| Magnesium salts                                  | Oseltamivir                                | Sertraline                          | Vitamin B                        |
| Measles/mumps/rubella vaccine <sup>2</sup>       | Oxycodone                                  | Sevelamer                           | Vitamin C                        |
| Mebendazole                                      | Oxytocin                                   | Shingles vaccine <sup>2</sup>       | Vitamin D                        |
| Mebeverine                                       | Paliperidone                               | Sildenafil                          | Vitamin E                        |
| Mefloquine                                       | Palivizumab                                | Siltuximab                          | Vitamin K                        |
| Melatonin  | Pamidronate disodium                       | Simeticone                          | Warfarin                         |
| Meloxicam  | Pancuronium                                | Simvastatin                         | Zanamivir                        |
| Memantine  | Panitumumab                                | Sitagliptin                         | Zinc preparations                |
| Menadiol   | Pantoprazole                               | Sodium bicarbonate                  | Zoledronic acid                  |
| Meningococcal group B vaccine                    | Paracetamol                                | Sodium citrate enema                | Zolmitriptan                     |
|  | Paraldehyde                                | Sodium clodronate                   | Zonisamide                       |
|  | Paroxetine                                 | Sodium fusidate                     | Zopiclone                        |
|  | Pegfilgrastim                              | Sodium picosulfate                  |                                  |

1. Conflicting safety advice for flucloxacillin. Consider an alternative in high risk patients. Contact UKPMIS for further advice.

2. An acute attack has been reported following yellow fever vaccine, so caution should be observed when using any live vaccine in adults.

3. Intravenous doses should be used with caution.

4. Clinical safety has not been assessed for continuous use of these preparations.

5. Clinical safety has not been assessed for compounds combined with technetium.