

## 2019 SAFE LIST (by category): 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 2074 3877), 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 management of acute porphyria attacks should contact NAPS on 029 2074 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.**

### Anaesthesia & peri-operative drugs

Articaine  
Atracurium  
Atropine  
Bupivacaine  
Cisatracurium  
Desflurane  
Isoflurane  
Lidocaine <sup>1</sup>  
Mepivacaine  
Midazolam <sup>2</sup>  
Mivacurium  
Neostigmine  
Nitrous oxide  
Pancuronium  
Prilocaine  
Propofol <sup>2</sup>  
Remifentanyl  
Rocuronium  
Suxamethonium

### Analgesics

Alfentanil  
Aspirin  
Buprenorphine  
Celecoxib  
Codeine phosphate  
Diamorphine  
Dihydrocodeine  
Etoricoxib  
Fentanyl  
Ibuprofen  
Indometacin  
Ketoprofen  
Meloxicam  
Methadone  
Morphine  
Naproxen  
Oxycodone  
Paracetamol  
Pethidine  
Tramadol

### Antibacterial agents

Amikacin  
Amoxicillin  
Ampicillin  
Azithromycin  
Aztreonam  
Benzylpenicillin  
Cefaclor  
Cefadroxil  
Cefalexin  
Cefixime  
Cefotaxime  
Ceftaroline  
Ceftazidime  
Ceftriaxone  
Cefuroxime  
Ciprofloxacin  
Co-amoxiclav  
Co-fluampicil  
Cycloserine  
Doxycycline  
Ertapenem  
Ethambutol  
Flucloxacillin <sup>3</sup>

Fosfomycin  
Fusidic acid  
Gentamicin  
Imipenem  
Levofloxacin  
Linezolid  
Lymecycline  
Meropenem  
Metronidazole  
Moxifloxacin  
Norfloxacin  
Ofloxacin  
Phenoxyethylpenicillin  
Piperacillin with tazobactam  
Pyrazinamide  
Sodium fusidate  
Teicoplanin  
Tobramycin  
Vancomycin

### Anticoagulants & antiplatelets

Abciximab  
Apixaban  
Aspirin  
Clopidogrel  
Dabigatran  
Dalteparin  
Danaparoid  
Dipyridamole  
Fondaparinux  
Heparin, unfractionated  
Prasugrel  
Ticagrelor  
Tinzaparin  
Tirofiban  
Warfarin

### Anticonvulsants

Clobazam  
Clonazepam  
Gabapentin  
Lacosamide  
Lamotrigine  
Levetiracetam  
Paraldehyde  
Pregabalin  
Vigabatrin  
Zonisamide

### Antidepressants

Amitriptyline  
Citalopram  
Duloxetine  
Escitalopram  
Fluoxetine  
Fluvoxamine  
Mirtazapine  
Nortriptyline  
Paroxetine  
Sertraline  
Trazodone  
Venlafaxine

### Antidiabetics

Alogliptin  
Canagliflozin  
Dapagliflozin  
Dulaglutide

Empagliflozin  
Exenatide  
Glipizide  
Glucagon  
Insulins  
Linagliptin  
Liraglutide  
Lixisenatide  
Metformin  
Nateglinide  
Pioglitazone  
Repaglinide  
Saxagliptin  
Sitagliptin  
Vildagliptin

### Antidotes

Acetylcysteine  
Flumazenil  
Naloxone

### Antiemetics

Cyclizine  
Domperidone  
Granisetron  
Hyoscine hydrobromide  
Levomopromazine  
Metoclopramide  
Ondansetron  
Prochlorperazine

### Antifungal & anthelmintic agents

Amphotericin  
Caspofungin  
Flucytosine  
Mebendazole  
Nystatin  
Terbinafine

### Antihistamines

Cetirizine  
Chlorphenamine  
Desloratadine  
Diphenhydramine  
Fexofenadine  
Loratadine  
Mizolastine  
Promethazine

### Antimalarial agents

Atovaquone  
Chloroquine  
Mefloquine  
Primaquine  
Proguanil  
Quinine

### Antimigraine agents

Almotriptan  
Eletriptan  
Metoprolol  
Nadolol  
Naratriptan  
Propranolol  
Rizatriptan  
Sumatriptan  
Timolol  
Zolmitriptan

### Antimuscarinic agents

Atropine  
Glycopyrronium  
Hyoscine butylbromide  
Hyoscine hydrobromide  
Ipratropium bromide

### Antiobesity agents

Orlistat

### Anti-Parkinson agents

Amantadine  
Co-beneldopa  
Co-careldopa  
Entacapone  
Pramipexole

### Antipsychotics

Amisulpride  
Clozapine  
Fluphenazine  
Haloperidol  
Olanzapine  
Trifluoperazine

### Antirheumatic & gout agents

Abatacept  
Adalimumab  
Allopurinol  
Azathioprine  
Belimumab  
Certolizumab  
Chloroquine  
Cyclosporin  
Colchicine  
Etanercept  
Golimumab  
Infliximab  
Leflunomide  
Methotrexate  
Penicillamine  
Quinine  
Rituximab  
Tocilizumab

### Antiviral agents

Aciclovir  
Famciclovir  
Ganciclovir  
Oseltamivir  
Valaciclovir  
Valganciclovir  
Zanamivir

### Bisphosphonates

Alendronic acid  
Ibandronic acid  
Pamidronate disodium  
Risedronate  
Sodium clodronate  
Strontium  
Zoledronic acid

### Bronchodilators

Acidinium bromide  
Aminophylline  
Formoterol  
Glycopyrronium

Ipratropium bromide  
Salbutamol  
Salmeterol  
Terbutaline  
Theophylline  
Tiotropium  
Umeclidinium

### **Cardiovascular agents**

Abciximab  
Acebutolol  
Adenosine  
Adrenaline  
Amiloride  
Amlodipine  
Aspirin  
Atenolol  
Bendroflumethiazide  
Betaxolol  
Bisoprolol  
Bumetanide  
Candesartan  
Captopril  
Carvedilol  
Clonidine  
Clopidogrel  
Cyclopenthiazide  
Dabigatran  
Digoxin  
Dipyridamole  
Dobutamine  
Dopamine  
Doxazosin  
Enalapril  
Enoxaparin  
Epinephrine  
Eplerenone  
Eprosartan  
Esmolol  
Felodipine  
Fondaparinux  
Fosinopril  
Furosemide  
Glyceryl trinitrate  
Heparin, unfractionated  
Irbesartan  
Isosorbide dinitrate  
Isosorbide mononitrate  
Labetalol  
Lercanidipine  
Levobunolol  
Lisinopril  
Losartan  
Metoprolol  
Moxonidine  
Nadolol  
Naftidrofuryl  
Nebivolol  
Nifedipine  
Nimodipine  
Noradrenaline  
Norepinephrine  
Perindopril arginine  
Perindopril erbumine  
Pindolol  
Prasugrel  
Propranolol  
Quinapril  
Ramipril  
Rivaroxaban  
Sotalol  
Telmisartan  
Terazosin  
Ticagrelor  
Timolol  
Tirofiban  
Trandolapril  
Valsartan

### **CNS stimulants**

Atomoxetine  
Methylphenidate

### **Contrast media**

Barium sulphate  
Contrast media – gadolinium-based  
Contrast media – Gastrografin®  
Contrast media – iodine-based

### **Corticosteroids**

Beclometasone  
Betamethasone  
Budesonide  
Ciclesonide  
Deflazacort  
Dexamethasone  
Fludrocortisone  
Fluticasone  
Hydrocortisone  
Methylprednisolone  
Mometasone  
Prednisolone  
Triamcinolone

### **Cough & Cold remedies**

Dextromethorphan  
Phenylephrine  
Pseudoephedrine

### **Dementia agents**

Galantamine  
Memantine  
Rivastigmine

### **Endocrine agents**

Tetracosactide  
Tolvaptan

### **Fibrinolytic agents**

Alteplase  
Streptokinase  
Tenecteplase  
Urokinase

### **Gastro-intestinal agents**

Alginates (e.g. Gaviscon®, Peptac®)  
Arachis oil enema  
Balsalazide  
Bisacodyl  
Cimetidine  
Dicycloverine  
Esomeprazole  
Glycerol suppositories  
Hyoscine butylbromide  
Ispaghula husk  
Lactulose  
Lansoprazole  
Liquid paraffin enema  
Loperamide  
Macrogols  
Magnesium citrate with sodium picosulfate  
Mebeverine  
Mesalazine  
Methylcellulose  
Methylnaltrexone bromide  
Octreotide  
Omeprazole  
Pantoprazole  
Phosphate enema  
Rabeprazole  
Ranitidine  
Senna  
Sodium citrate enema  
Sodium picosulfate  
Sterculia  
Ursodeoxycholic acid

### **Genito-urinary agents**

Mirabegron  
Sildenafil  
Sodium bicarbonate  
Solifenacin  
Tadalafil  
Tamsulosin  
Tolterodine

### **Haematology agents**

Darbepoetin  
Desferrioxamine  
Epoetin  
Tranexamic acid

### **Hypnotics & anxiolytics**

Diazepam  
Lorazepam  
Melatonin  
Temazepam  
Zopiclone

### **Immunoglobulins**

Immunoglobulins

### **Immunosuppressants**

Abatacept  
Adalimumab  
Alemtuzumab  
Anakinra  
Azathioprine  
Basiliximab  
Belatacept  
Belimumab  
Bevacizumab  
Canakinumab  
Certolizumab  
Cetuximab  
Ciclosporin  
Denosumab  
Eculizumab  
Etanercept  
Golimumab  
Infliximab  
Methotrexate  
Mycophenolate mofetil  
Mycophenolic acid  
Natalizumab  
Ofatumumab  
Palivizumab  
Panitumumab  
Rituximab  
Situximab  
Tacrolimus  
Tildrakizumab  
Tocilizumab  
Trastuzumab  
Ustekinumab  
Vedolizumab

### **Lipid lowering agents**

Atorvastatin  
Bezafibrate  
Colesevelam  
Colestipol  
Colestyramine  
Ezetimibe  
Fenofibrate  
Fluvastatin  
Gemfibrozil  
Pravastatin  
Rosuvastatin  
Simvastatin

### **Mood stabilisers**

Lamotrigine  
Lithium carbonate  
Lithium citrate

### **Neuromuscular agents**

Baclofen  
Pyridostigmine

### **Neutropenia agents**

Filgrastim  
G-CSF  
Lenograstim  
Lipegfilgrastim  
Pegfilgrastim

### **Obstetric & Gynaecology**

#### **agents**

Carboprost  
Dinoprostone  
Gemeprost  
Misoprostol  
Oxytocin

#### **Ocular agents**

Acetazolamide  
Aflibercept

#### **Phosphate-binding agents**

Calcium salts  
Sevelamer

#### **Substance dependence**

Acamprosate  
Nicotine replacement therapy

#### **Supplements, vitamins & minerals**

Alfacalcidol  
Alpha tocopheryl  
Aluminium salts  
Ascorbic acid  
Calcitriol  
Calcium salts  
Colecalciferol  
Ergocalciferol  
Glucosamine  
Iron salts  
Magnesium salts  
Menadiol  
Multivitamins  
Nicotinamide  
Phosphate salts  
Phytomenadione  
Pyridoxine  
Riboflavine  
Thiamine  
Vitamin A  
Vitamin B  
Vitamin C  
Vitamin D  
Vitamin E  
Vitamin K  
Zinc preparations

#### **Thyroid & antithyroid agents**

Carbimazole  
Levothyroxine  
Liothyronine  
Propylthiouracil

#### **Vaccines**

BCG vaccine  
Diphtheria/tetanus/pertussis/polio vaccine  
Diphtheria/tetanus/pertussis/polio/Hib/hepatitis B vaccine  
Hepatitis A vaccine  
Hepatitis B vaccine  
Hib/Meningococcal group C vaccine  
Human papillomavirus (HPV) vaccine  
Influenza vaccine (inactivated)  
Influenza vaccine (live attenuated) <sup>4</sup>  
Measles, mumps and rubella vaccine <sup>4</sup>  
Meningococcal group B vaccine  
Meningococcal groups A, C, W, Y vaccine  
Palivizumab  
Pneumococcal conjugate vaccine  
Pneumococcal polysaccharide vaccine  
Shingles vaccine <sup>4</sup>  
Tetanus/diphtheria/polio vaccine

1. Intravenous doses should be used with caution.

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

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

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