

2022 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 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 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.

Anaesthesia & peri-operative drugs

Articaine
Atracurium
Atropine
Bupivacaine
Cisatracurium
Desflurane
Isoflurane
Lidocaine¹
Mepivacaine
Midazolam²
Mivacurium
Neostigmine
Nitrous oxide
Pancuronium
Prilocaine
Propofol²
Remifentanyl
Rocuronium
Suxamethonium

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

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

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

Analgesics

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

Anticoagulants & antiplatelets

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

Antidotes

Acetylcysteine
Flumazenil
Naloxone

Antiemetics

Cyclizine
Domperidone
Granisetron
Hyoscine hydrobromide
Levomopromazine
Metoclopramide
Ondansetron
Prochlorperazine

Antifungal & anthelmintic agents

Amphotericin
Anidulafungin
Caspofungin
Flucytosine
Mebendazole
Nystatin
Terbinafine

Antihistamines & histamine

analogues

Betahistine
Cetirizine
Chlorphenamine
Desloratadine
Diphenhydramine
Fexofenadine
Loratadine
Mizolastine
Promethazine

Antimalarial agents

Atovaquone
Chloroquine
Mefloquine
Primaquine
Proguanil
Quinine

Antimigraine agents

Almotriptan
Eletriptan
Metoprolol
Nadolol
Naratriptan
Propranolol

Antipsychotics

Amisulpride
Aripiprazole
Clozapine
Fluphenazine
Haloperidol
Olanzapine
Paliperidone
Quetiapine
Sulpiride
Trifluoperazine

Antirheumatic & gout agents

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

Antiviral agents

Aciclovir
Famciclovir
Ganciclovir
Oseltamivir
Ribavirin
Valaciclovir
Valganciclovir
Zanamivir

Bisphosphonates & calcium-regulating agents

Alendronic acid
Cinacalcet
Ibandronic acid
Pamidronate disodium
Risedronate

Antibacterial agents

Amikacin
Amoxicillin
Ampicillin
Azithromycin
Aztreonam
Benzylpenicillin
Cefaclor
Cefadroxil
Cefalexin
Cefepime
Cefixime
Cefotaxime
Cefoxitin
Cefradine
Ceftaroline
Ceftazidime
Ceftriaxone
Cefuroxime
Ciprofloxacin
Co-amoxiclav
Co-fluampicil³
Cycloserine
Doxycycline
Ertapenem
Ethambutol
Flucloxacillin³

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

Sodium clodronate
Strontium
Zoledronic acid

Bronchodilators

Acidinium bromide
Aminophylline
Formoterol
Glycopyrronium
Ipratropium bromide
Salbutamol
Salmeterol
Terbutaline
Theophylline
Tiotropium
Umeclidinium

Cardiovascular agents (excluding anticoagulants & antiplatelets)

Acebutolol
Adenosine
Adrenaline
Amiloride
Amlodipine
Atenolol
Bendroflumethiazide
Betaxolol
Bisoprolol
Bumetanide
Candesartan
Captopril
Carvedilol
Clonidine
Digoxin
Dobutamine
Dopamine
Doxazosin
Enalapril
Epinephrine
Eplerenone
Eprosartan
Esmolol
Felodipine
Fosinopril
Furosemide
Glyceryl trinitrate
Irbesartan
Isosorbide dinitrate
Isosorbide mononitrate
Ivabradine
Labetalol
Lercanidipine
Levobunolol
Lisinopril
Losartan
Metoprolol
Midodrine
Moxonidine
Nadolol
Naftidrofuryl
Nebivolol
Nifedipine
Nimodipine
Noradrenaline
Norepinephrine
Perindopril arginine
Perindopril erbumine
Pindolol
Prazosin
Propranolol
Quinapril
Ramipril
Sotalol
Telmisartan
Terazosin
Timolol
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

COVID-19 treatments

Casirivimab
Imdevimab
Sotrovimab

Dementia agents

Galantamine
Memantine
Rivastigmine

Endocrine agents

Demeclocycline
Tetracosactide
Tolvaptan

Fibrinolytic agents

Alteplase
Streptokinase
Tenecteplase
Urokinase

Gastro-intestinal agents

Alginate (e.g. Gaviscon®, Peptac®)
Arachis oil enema
Balsalazide
Bisacodyl
Cimetidine
Dicycloverine
Dimeticone
Esomeprazole
Glycerol suppositories
Hyoscine butylbromide
Ispaghula husk
Lactulose
Lansoprazole
Linaclotide
Liquid paraffin enema
Loperamide
Macrogols
Magnesium citrate with sodium picosulfate
Mebeverine
Mesalazine
Methylcellulose
Methylnaltrexone bromide
Octreotide
Omeprazole
Pantoprazole
Phosphate enema
Prucalopride
Rabeprazole
Ranitidine
Senna
Simeticone
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
Benralizumab
Bevacizumab
Canakinumab
Certolizumab
Cetuximab
Ciclosporin
Denosumab
Eculizumab
Etanercept
Golimumab
Infliximab
Methotrexate
Mycophenolate mofetil
Mycophenolic acid
Natalizumab
Ofatumumab
Palivizumab
Panitumumab
Rituximab
Sarilumab
Siltuximab
Tacrolimus
Tadalafil
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

Nuclear medicine

Nuclear medicine – technetium ⁴

Obstetric & Gynaecology agents

Carboprost
Dinoprostone
Gemeprost
Misoprostol
Oxytocin

Ocular agents

Acetazolamide
Aflibercept

Phosphate-binding agents

Calcium salts
Sevelamer

Potassium-binding agents

Calcium polystyrene sulfonate
Sodium zirconium cyclosilicate

Substance dependence

Acamprosate
Nicotine replacement therapy

Supplements, vitamins & minerals

Alfacalcidol
Alpha tocopheryl / tocopherol
Aluminium salts
Ascorbic acid
Calcitriol
Calcium salts
Colecalciferol
Ergocalciferol
Glucosamine
Iron salts
Magnesium salts
Menadiol
Multivitamins
Nicotinamide
Phosphate salts
Phytomenadione
Pyridoxine
Riboflavin
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
COVID-19 vaccines
Diphtheria/tetanus/pertussis/olio vaccine
Diphtheria/tetanus/pertussis/olio/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) ⁵
Measles, mumps and rubella vaccine ⁵
Meningococcal group B vaccine
Meningococcal groups A, C, W, Y vaccine
Palivizumab
Pneumococcal conjugate vaccine
Pneumococcal polysaccharide vaccine
Shingles vaccine ⁵
Tetanus/diphtheria/olio 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. Clinical safety has not been assessed for compounds combined with technetium.

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