

## 2020 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.**

<b><u>Anaesthesia &amp; peri-operative drugs</u></b>	Flucloxacillin <sup>3</sup>	Ertugliflozin	<b><u>Antimuscarinic agents</u></b>
Articaine	Fosfomycin	Exenatide	Atropine
Atracurium	Fusidic acid	Glipizide	Glycopyrronium
Atropine	Gentamicin	Glucagon	Hyoscine butylbromide
Bupivacaine	Imipenem	Insulins	Hyoscine hydrobromide
Cisatracurium	Levofloxacin	Linagliptin	Ipratropium bromide
Desflurane	Linezolid	Liraglutide	
Isoflurane	Lymecycline	Lixisenatide	<b><u>Antiobesity agents</u></b>
Lidocaine <sup>1</sup>	Meropenem	Metformin	Orlistat
Mepivacaine	Meropenem with vaborbactam	Nateglinide	
Midazolam <sup>2</sup>	Metronidazole	Pioglitazone	<b><u>Anti-Parkinson agents</u></b>
Mivacurium	Moxifloxacin	Repaglinide	Amantadine
Neostigmine	Ofloxacin	Saxagliptin	Co-beneldopa
Nitrous oxide	Phenoxymethylpenicillin	Sitagliptin	Co-careldopa
Pancuronium	Piperacillin with tazobactam	Vildagliptin	Entacapone
Prilocaine	Pyrazinamide		Pramipexole
Propofol <sup>2</sup>	Sodium fusidate	<b><u>Antidotes</u></b>	
Remifentanyl	Teicoplanin	Acetylcysteine	
Rocuronium	Tigecycline	Flumazenil	
Suxamethonium	Tobramycin	Naloxone	
	Vancomycin		
		<b><u>Antiemetics</u></b>	<b><u>Antipsychotics</u></b>
<b><u>Analgesics</u></b>	<b><u>Anticoagulants &amp; antiplatelets</u></b>	Cyclizine	Amisulpride
Alfentanil	Apixaban	Domperidone	Aripiprazole
Aspirin	Aspirin	Granisetron	Clozapine
Buprenorphine	Aspirin	Hyoscine hydrobromide	Fluphenazine
Celecoxib	Clopidogrel	Levomopromazine	Haloperidol
Codeine phosphate	Dabigatran	Metoclopramide	Olanzapine
Diamorphine	Dalteparin	Ondansetron	Paliperidone
Diclofenac	Danaparoid	Prochlorperazine	Quetiapine
Dihydrocodeine	Dipyridamole		Sulpiride
Etoricoxib	Fondaparinux		Trifluoperazine
Fentanyl	Heparin, unfractionated	<b><u>Antifungal &amp; anthelmintic agents</u></b>	<b><u>Antirheumatic &amp; gout agents</u></b>
Ibuprofen	Prasugrel	Amphotericin	Abatacept
Indometacin	Ticagrelor	Anidulafungin	Adalimumab
Ketoprofen	Tinzaparin	Caspofungin	Allopurinol
Meloxicam	Tirofiban	Flucytosine	Azathioprine
Methadone	Warfarin	Mebendazole	Belimumab
Morphine		Nystatin	Certolizumab
Naproxen	<b><u>Anticonvulsants</u></b>	Terbinafine	Chloroquine
Oxycodone	Clobazam		Ciclosporin
Paracetamol	Clonazepam	<b><u>Antihistamines &amp; histamine analogues</u></b>	Colchicine
Pethidine	Gabapentin	Betahistine	Etanercept
Tramadol	Lacosamide	Cetirizine	Golimimumab
	Lamotrigine	Chlorphenamine	Infliximab
<b><u>Antibacterial agents</u></b>	Levetiracetam	Desloratadine	Leflunomide
Amikacin	Paraldehyde	Diphenhydramine	Methotrexate
Amoxicillin	Pregabalin	Fexofenadine	Penicillamine
Ampicillin	Vigabatrin	Loratadine	Quinine
Azithromycin	Zonisamide	Mizolastine	Rituximab
Aztreonam		Promethazine	Tocilizumab
Benzylopicillin	<b><u>Antidepressants</u></b>		
Cefaclor	Amitriptyline	<b><u>Antimalarial agents</u></b>	<b><u>Antiviral agents</u></b>
Cefadroxil	Citalopram	Atovaquone	Aciclovir
Cefalexin	Duloxetine	Chloroquine	Famciclovir
Cefepime	Escitalopram	Mefloquine	Ganciclovir
Cefixime	Fluoxetine	Primaquine	Osetamivir
Cefotaxime	Fluvoxamine	Proguanil	Valaciclovir
Cefoxitin	Mirtazapine	Quinine	Valganciclovir
Cefradine	Nortriptyline		Zanamivir
Ceftaroline	Paroxetine	<b><u>Antimigraine agents</u></b>	<b><u>Bisphosphonates &amp; calcium-regulating agents</u></b>
Ceftazidime	Sertraline	Almotriptan	Alendronic acid
Ceftriaxone	Trazodone	Eletriptan	Cinacalcet
Cefuroxime	Venlafaxine	Metoprolol	Ibandronic acid
Ciprofloxacin		Nadolol	Pamidronate disodium
Co-amoxiclav	<b><u>Antidiabetics</u></b>	Naratriptan	Risedronate
Co-fluampicil <sup>3</sup>	Alogliptin	Propranolol	Sodium clodronate
Cycloserine	Canagliflozin	Rizatriptan	Strontium
Doxycycline	Dapagliflozin	Sumatriptan	Zoledronic acid
Ertapenem	Dulaglutide	Timolol	
Ethambutol	Empagliflozin	Zolmitriptan	<b><u>Bronchodilators</u></b>
			Acclidinium bromide
			Aminophylline

Formoterol  
Glycopyrronium  
Ipratropium bromide  
Salbutamol  
Salmeterol  
Terbutaline  
Theophylline  
Tiotropium  
Umeclidinium

### **Cardiovascular agents**

Acebutolol  
Adenosine  
Adrenaline  
Amiloride  
Amlodipine  
Aspirin  
Atenolol  
Bendroflumethiazide  
Betaxolol  
Bisoprolol  
Bumetanide  
Candesartan  
Captopril  
Carvedilol  
Clonidine  
Clopidogrel  
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  
Ivabradine  
Labetalol  
Lercanidipine  
Levobunolol  
Lisinopril  
Losartan  
Metoprolol  
Midodrine  
Moxonidine  
Nadolol  
Naftidrofuryl  
Nebivolol  
Nifedipine  
Nimodipine  
Noradrenaline  
Norepinephrine  
Perindopril arginine  
Perindopril erbumine  
Pindolol  
Prasugrel  
Prazosin  
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**

Beclomethasone  
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**

Demeclocycline  
Tetracosactide  
Tolvaptan

### **Fibrinolytic agents**

Alteplase  
Streptokinase  
Tenecteplase  
Urokinase

### **Gastro-intestinal agents**

Alginates (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  
Siltuximab  
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

### **Potassium-binding agents**

Calcium polystyrene sulfonate  
Sodium zirconium cyclosilicate

### **Substance dependence**

Acamprosate  
Nicotine replacement therapy

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

Alfacalcidol  
Alpha tocopherol / 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  
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 flucoxacin. 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.