

2018 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.

N.B. Some drugs may be included under their group name and not their individual drug name.

Abciximab	Cyclizine	Lamotrigine	Pramipexole
Acamprosate	Cyclopenthiiazide	Laxatives	Pregabalin
ACE Inhibitors	Cycloserine	Leflunomide	Prilocaine
Acetazolamide	Dabigatran	Lercanidipine	Primaquine
Acetylcysteine	Desferrioxamine	Levetiracetam	Prochlorperazine
Aciclovir	Desflurane	Levomepromazine	Proguanil
Adenosine	Desloratadine	Levothyroxine sodium	Promethazine
Adrenaline	Dextromethorphan	Lidocaine ²	Propofol ³
Aflibercept	Diamorphine	Linezolid	Propylthiouracil
Alfentanil	Diazepam	Lithium salts	Proton Pump Inhibitors
Alginates	Dicycloverine	Loperamide	Pseudoephedrine
Allopurinol	Digoxin	Loratadine	Pyrazinamide
Aluminium salts	Dihydrocodeine	Lorazepam	Pyridostigmine
Amiloride	Dinoprostone	Lymecycline	Quinine
Aminoglycosides	Diphenhydramine	Magnesium salts	Quinolones ¹
Amisulpride	Dobutamine	Mebeverine	Ranitidine
Amitriptyline	Domperidone	Mefloquine	Remifentanil
Amlodipine	Dopamine	Melatonin	Rivaroxaban
Amphotericin	Doxazosin	Meloxicam	Rivastigmine
Angiotensin II inhibitors	Doxycycline	Memantine	Selective beta ₂ agonists
Antimuscarinic bronchodilators	Duloxetine	Mepivacaine	Sevelamer
Antiplatelet drugs ¹	Epinephrine	Mesalazine	SGLT-2 inhibitors [#]
Apixaban	Eplerenone	Metformin	Sildenafil
Articaine	Epoetin & analogues	Methadone	Sodium bicarbonate
Aspirin	Etanercept	Methotrexate	Sodium fusidate
Atomoxetine	Ethambutol	Methylphenidate	Solifenacin
Atovaquone	Etoricoxib	Metoclopramide	SSRIs*
Atropine	Ezetimibe	Metronidazole	Statins
Azathioprine	Famciclovir	Midazolam ³	Strontium
Azithromycin	Felodipine	Mirabegron	Sulpiride
Aztreonam	Fentanyl	Mirtazapine	Suxamethonium
Baclofen	Fexofenadine	Mizolastine	Tacrolimus
Balsalazide	Fibrates ¹	Monoclonal antibodies	Tadalafil
Barium sulphate	Fibrinolytic drugs	Morphine	Tamsulosin
Bendroflumethiazide	Flucytosine	Moxonidine	Teicoplanin
Beta-blockers	Flumazenil	Muscle relaxants non-depolarising	Temazepam
Bile acid sequestrants	Fluphenazine	Mycophenolate salts	Terazosin
Bisphosphonates	Fondaparinux	Naftidrofuryl	Terbinafine
Bumetanide	Furosemide	Naloxone	Tetracosactide
Bupivacaine	Gabapentin	Naproxen	Theophylline
Buprenorphine	Ganciclovir	Neostigmine	Tirofiban
Calcium salts	G-CSF	Nicotine replacement therapy	Tolterodine
Carbapenems	Gemeprost	Nifedipine	Tolvaptan
Carbimazole	Glipizide	Nimodipine	Tramadol
Carboprost	Gliptins [§]	Nitrous oxide	Tranexamic acid
Caspofungin	GLP-1 receptor agonists ^{1,+}	Noradrenaline/Norepinephrine	Trazodone
Celecoxib	Glucagon	Nortriptyline	Trifluoperazine
Cephalosporins	Glucosamine	Nystatin	Triptans ¹
Cetirizine	Glycerol trinitrate	Octreotide	Ursodeoxycholic acid
Chloroquine	Glycopyrronium	Olanzapine	Vaccines ⁵
Chlorphenamine	Granisetron	Ondansetron	Valaciclovir
Chlorpromazine	Haloperidol	Orlistat	Valganciclovir
Ciclosporin	Heparin	Oseltamivir	Vancomycin
Cimetidine	Heparins-low molecular weight	Oxycodone	Venlafaxine
Clobazam	Hyoscine salts	Oxytocin	Vigabatrin
Clonazepam	Ibuprofen	Paracetamol	Vitamins
Clonidine	Immunoglobulins	Paraldehyde	Warfarin
Clozapine	Indometacin	Penicillamine	Zanamivir
Co-amoxiclav	Insulins	Penicillins ^{1,4}	Zinc preparations
Codeine phosphate	Iron	Pethidine	Zonisamide
Colchicine	Isoflurane	Phenylephrine	Zopiclone
Contrast media (gadolinium- or iodine-based)	Isosorbide mononitrate	Phosphate salts	
Corticosteroids	Ketoprofen	Pioglitazone	
	Lacosamide		

1. The following drugs have not been assessed as safe, and should not be used: cangrelor (Antiplatelet drugs); ciprofibrate (Fibrates); albiglutide (GLP-1 receptor agonists), pivmecillinam, temocillin, ticarcillin (Penicillins); nalidixic acid (Quinolones); frovatriptan (Triptans). Contact UKPMIS for further advice.

2. Intravenous doses should be used with caution.

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

4. Conflicting safety advice for flucloxacillin. Contact UKPMIS for further advice.

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

§Gliptins = DPP-4 inhibitors = alogliptin, linagliptin, saxagliptin, sitagliptin, vildagliptin

+GLP-1 receptor agonists = dulaglutide, exenatide, liraglutide, lixisenatide

#SGLT-2 inhibitors = canagliflozin, dapagliflozin, empagliflozin

*SSRIs = Selective Serotonin Reuptake Inhibitor antidepressants

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
Atropine
Bupivacaine
Desflurane
Isoflurane
Lidocaine²
Mepivacaine
Midazolam³
Muscle relaxants non-depolarising
Neostigmine
Nitrous oxide
Prilocaine
Propofol³
Remifentanyl
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

Aminoglycosides
Azithromycin
Aztreonam
Carbapenems
Cephalosporins
Co-amoxiclav
Cycloserine
Doxycycline
Ethambutol
Linezolid
Lymecycline
Metronidazole
Penicillins^{1,4}
Pyrazinamide
Quinolones¹
Sodium fusidate
Teicoplanin
Vancomycin

Anticonvulsants

Clobazam
Clonazepam
Gabapentin
Lacosamide
Lamotrigine
Levetiracetam
Paraldehyde
Pregabalin
Vigabatrin
Zonisamide

Antidepressants

Amitriptyline
Duloxetine
Mirtazapine
Nortriptyline
SSRIs*
Trazodone
Venlafaxine

Antidiabetics

Glipizide
Gliptins[§]
GLP-1 receptor agonists^{1,+}
Glucagon
Insulins
Metformin
Pioglitazone
SGLT-2 inhibitors[#]

Anti-emetics

Cyclizine
Domperidone
Granisetron
Metoclopramide
Ondansetron
Prochlorperazine

Antifungals/Antivirals

Aciclovir
Amphotericin
Caspofungin
Famciclovir
Flucytosine
Ganciclovir
Nystatin
Oseltamivir
Terbinafine
Valaciclovir
Valganciclovir
Zanamivir

Antihistamines

Cetirizine
Chlorphenamine
Desloratadine
Diphenhydramine
Fexofenadine
Loratadine
Mizolastine
Promethazine

Antipsychotics

Amisulpride
Chlorpromazine
Clozapine
Fluphenazine
Haloperidol
Olanzapine
Sulpiride
Trifluoperazine

Cardiovascular agents

Abciximab
ACE Inhibitors
Adenosine
Adrenaline
Amiloride
Amlodipine
Angiotensin II inhibitors
Antiplatelet drugs¹
Bendroflumethiazide
Beta-blockers

Bumetanide
Cyclophosphamide
Dabigatran
Digoxin
Dobutamine
Dopamine
Doxazosin
Epinephrine
Eplerenone
Felodipine
Furosemide
Glycerol trinitrate
Isosorbide mononitrate
Lercanidipine
Moxonidine
Naftidrofuryl
Nifedipine
Nimodipine
Noradrenaline/Norepinephrine
Rivaroxaban
Terazosin
Tirofiban

Gastro-intestinal drugs

Alginates
Balsalazide
Cimetidine
Dicycloverine
Laxatives
Loperamide
Mebeverine
Mesalazine
Proton Pump Inhibitors
Ranitidine

Immunosuppressants

Azathioprine
Ciclosporin
Corticosteroids
Methotrexate
Monoclonal antibodies
Mycophenolate salts
Tacrolimus

Lipid lowering agents

Bile acid sequestrants
Ezetimibe
Loratadine
Fibrates¹
Statins

Malaria Prophylaxis

Atovaquone
Chloroquine
Mefloquine
Proguanil

Obs & Gynae Drugs

Carboprost
Dinoprostone
Gemprost
Oxytocin

Other

Acamprosate
Acetazolamide
Acetylcysteine
Aflibercept
Allopurinol
Aluminium salts
Antimuscarinic bronchodilators
Apixaban
Atomoxetine

Baclofen
Barium sulphate
Bisphosphonates
Calcium salts
Carbimazole
Clonidine
Colchicine
Contrast media (gadolinium- or iodine-based)
Desferrioxamine
Dextromethorphan
Diazepam
Epoetin and analogues
Etanercept
Fibrinolytic drugs
Flumazenil
Fondaparinux
G-CSF
Glucosamine
Glycopyrronium
Heparin
Heparins-low molecular weight
Hyoscine salts
Immunoglobulins
Iron
Leflunomide
Levomopromazine
Levothyroxine sodium
Lithium salts
Lorazepam
Magnesium salts
Melatonin
Memantine
Methylphenidate
Mirabegron
Naloxone
Nicotine replacement therapy
Octreotide
Orlistat
Penicillamine
Phenylephrine
Phosphate salts
Pramipexole
Primaquine
Propylthiouracil
Pseudoephedrine
Pyridostigmine
Quinine
Rivastigmine
Selective beta₂ agonists
Sevelamer
Sildenafil
Sodium bicarbonate
Solifenacin
Strontium
Tadalafil
Tamsulosin
Temazepam
Tetracosactide
Theophylline
Tolterodine
Tolvaptan
Tranexamic acid
Triptans¹
Ursodeoxycholic acid
Vaccines⁵
Vitamins
Warfarin
Zinc preparations
Zopiclone

See over the page for explanation of footnotes

This safe 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-porphyrria/>. 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.