

DRUGS AND PORPHYRIA*

Category/Disorder Treated	Unsafe	Safe	Probably Safe
Analgesic	Dextropropoxyphene	Aspirin	Atropine
	Diclofenac	Buprenorphine	Dexibuprofen
	Meprobamate	Caffeine	Fentanyl
	Propoxyphene	Codeine	Hydromorphone
		Morphine	Ketobemidone
		Propofol	Ketoprofen
			Naproxen
Anesthetic (local)	Lidocaine	Bupivacaine	Articaine
Anesthetic (premedication, induction, or maintenance)	Barbiturates	Atropine	Alfentanil
		Morphine	Desflurane
		Propofol	Droperidol
			Enflurane
			Fentanyl
			Isoflurane
			Remifentanil
			Scopolamine
	Sufentanil		
Antidepressant		Lithium	Fluoxetine
Antidiarrheal		Active carbon	
		Loperamide	
Antiemetic		Chlorpromazine	Granisetron
			Ondansetron
			Scopolamine
			Tropisetron
Antiepileptic	Barbiturates		Clonazepam
	Carbamazepine		Diazepam (active seizure)
	Diones (paramethadione, trimethadione)		Gabapentin
	Felbamate		Levetiracetam
	Mephenytoin		
	Phenytoin		
	Primidone		
	Succinimides (ethosuximide, methsuximide)		
Valproate			
Antihyperglycemic		Acarbose	
		Insulin	
		Metformin	

DRUGS AND PORPHYRIA*—Continued

Category/Disorder Treated	Unsafe	Safe	Probably Safe
Anti-infective	Chloramphenicol	Acyclovir	Amphotericin B
	Clindamycin	Amikacin	Azithromycin
	Erythromycin	Amoxicillin	Bacampicillin
	Indinavir	Amoxicillin with β -lactamase inhibitor	Cephalosporins
	Ketoconazole	Ampicillin	Ciprofloxacin
	Mecillinam	Cloxacillin	Didanosine
	Nitrofurantoin	Dicloxacillin	Ethambutol
	Pivampicillin	Fusidic acid	Ertapenem
	Pivmecillinam	Ganciclovir	Famciclovir
	Rifampin	Gentamicin	Flucytosine
	Ritonavir	Immune sera	Foscarnet with cilastatin
	Sulfonamides	Immunoglobulins	Imipenem
	Trimethoprim	Methenamine hippurate	Levofloxacin
		Netilmicin	Meropenem
		Oseltamivir	Moxifloxacin
		Penicillin G	Norfloxacin
		Penicillin V	Ofloxacin
		Piperacillin	Piperacillin with tazobactam
		Teicoplanin	Phosphomycin
		Tobramycin	Ribavirin
	Vaccines		
	Valacyclovir		
	Vancomycin		
	Zanamivir		
Anti-inflammatory or antirheumatic		Hyaluronic acid	Abacavir
		Penicillamine	Dexibuprofen
		Salicylates	Ibuprofen
			Ketoprofen
			Lamivudine
			Lornoxicam
			Naproxen
			Piroxicam
			Tenofovir disoproxil fumarate
			Tenoxicam
		Zalcitabine	
Anxiolytic, sedative-hypnotic, or antipsychotic	Ethchlorvynol	Chlorpromazine	Alprazolam
	Glutethimide	Droperidol	Clozapine
	Hydroxyzine	Fluoxetine	Dixyrazine
	Meprobamate	Fluphenazine	Eszopiclone
		Haloperidol	Lorazepam
		Levomepromazine	Olanzapine
		Prochlorperazine	Oxazepam
		Propiomazine	Perphenazine,
			Triazolam

DRUGS AND PORPHYRIA*—Continued

Category/Disorder Treated	Unsafe	Safe	Probably Safe
Cardiovascular disorders	Dihydralazine	Amiloride	ACE inhibitors
	Ergoloid mesylate	β-Blockers	Adenosine
	Hydralazine	Cholestyramine	Amrinone
	Lidocaine	Colestipol	Angiotensin II-antagonists
	Methyldopa	Digitalis glycosides	Bendroflumethiazide
	Spironolactone	Enalapril	Bezafibrate
		Epinephrine	Bumetanide
		Heparins	Digoxin
		Lisinopril	Dobutamine
		Nicotinic acid	Dopamine
		Organic nitrates	Dopexamine
			Doxazosin
			Ethacrynic acid
			Etilefrine
			Fenofibrate
			Furosemide
			Hydrochlorothiazide
Milrinone			
Phenylephrine			
Prostaglandins			
Quinidine			
Spironolactone			
Hormones	Danazol	Nonreproductive hormones including glucocorticoids	Natural estrogens
	Progesterone		
	Synthetic progestins		
Laxatives		Bisacodyl	
		Dietary fiber	
		Lactitol	
		Lactulose	
		Lauryl sulfate	
		Psyllium seed	
		Sagrada	
		Senna glycosides	
		Sodium docusate	
		Sodium picosulfate	
		Sorbitol	
Migraines	Ergots		
Muscle relaxant	Carisoprodol Orphenadrine	Atracurium	Baclofen
		Cisatracurium	
		Mivacurium	
		Pancuronium	
		Rocuronium	
		Suxethonium	
		Vecuronium	

DRUGS AND PORPHYRIA*—Continued

Category/Disorder Treated	Unsafe	Safe	Probably Safe
Osteoporosis		Bisphosphonates Ca	
Peptic ulcers		Alginic acid Ca-containing antacids Cimetidine Mg-containing antacids Sucralfate	Famotidine Misoprostol Nizatidine Ranitidine
Respiratory disorders	Clemastine Dimenhydrinate	Alimemazine Codeine Corticosteroids Dipalmitoyl phosphatidyl choline Dornase alfa Ephedrine Ethylmorphine Ipratropium Phenylpropanolamine Phospholipid surfactant Salbutamol	Bambuterol Cromoglycic acid Cromolyn Declorahidine Desloratadine Fexofenadine Formoterol Levocabastine Lidocaine (solution for gargling) Loratadine Mizolastine Oxymetazoline Phenoterol Salmeterol Terbutaline Tiotropium

*The classifications of the drugs in the list are based on a combination of clinical observations, case reports in the literature, and theoretical considerations derived from the structure and metabolism of the substances. Clinical observations, however, may in many cases be unreliable. Also, the biochemical and molecular-biologic models for the activation of the disease are incomplete. This list is meant as guidance only and is neither complete nor applicable to all patients. Drugs must always be used cautiously in people who carry genes for acute porphyria. For questions about specific drugs, physicians can consult www.drugs-porphyria.org.