

Drug Guide for Patients on Dialysis*administration considerations for drugs carrying contraindication or precaution with dialysis*

Drug Name	HD	PD	Class
Acetaminophen	AD	N	Non-narcotic analgesic
Acetazolamide	AVOID	AVOID	Carbonic anhydrase inhibitor
Acyclovir	AD	N	Antivirals
Alendronate	AVOID	AVOID	Bisphosphonate
Allopurinol	ND	ND	Antigout agent
Alogliptin	N	ND	Antihyperglycemic
Alprazolam	N	ND	Sedative/hypnotic
Amantadine	N	N	Antivirals
Amiodarone	N	N	Antiarrhythmics
Amitriptyline	N	N	Antidepressant
Amlodipine	N	N	Calcium-channel blockers
Amoxicillin/ clavulanate	AD/SD	N	Antibiotic - penicillin
Ampicillin	AD	N	Antibiotic - penicillin
Apixaban	ND	ND	Anticoagulant
Aripiprazole	N	ND	Antipsychotic
Aripiprazole lauroxil	ND	ND	Antipsychotic
Asenapine	ND	ND	Antipsychotic
Aspirin	AD	ND	Non-narcotic analgesic
Atenolol	AD	N	Beta blocker
Atorvastatin	N	ND	Antilipidemics
Azilsartan	ND	ND	Angiotensin antagonist
Azithromycin	N	N	Antibiotic - macrolide
Benazepril	N	ND	ACE Inhibitor
Betaxolol	N	ND	Beta blocker
Brexpiprazole	ND	ND	Antipsychotic
Bumetanide	ND	ND	Diuretic
Bupirone	AVOID	AVOID	Miscellaneous
Canagliflozin	AVOID	AVOID	Antihyperglycemic
Candesartan	N	ND	Angiotensin antagonist
Captopril	AD	N	ACE Inhibitor
Carbamazepine	N	N	Anticonvulsant
Carbidopa/ levodopa	ND	ND	Miscellaneous
Carvedilol	N	ND	Beta blocker
Cefadroxil	ND	ND	Antibioic - cephalosporin
Cefdinir	SD	ND	Antibiotic - cephalosporin
Cefotaxime	SD	N	Antibioic - cephalosporin
Cefpodoxime	AD	N	Antibioic - cephalosporin

Drug Name	HD	PD	Class
Cefprozil	AD	ND	Antibioic - cephalosporin
Ceftaroline	AD	ND	Antibiotic - cephalosporin
Ceftazidime/ avibactam	AD	ND	Antibiotic - cephalosporin
Ceftolozane/ tazobactam	AD	ND	Antibiotic - cephalosporin
Ceftriaxone	N	N	Antibioic - cephalosporin
Cefuroxime	AD/SD	N	Antibioic - cephalosporin
Celecoxib	ND	ND	Non-narcotic analgesic
Cephalexin	AD	ND	Antibioic - cephalosporin
Cetirizine	ND	ND	Antihistamine
Chlorpheniramine	N	N	Antihistamine
chlorpromazine	N	N	Antipsychotic
Chlorthalidone	AVOID	AVOID	Diuretic
Cimetidine	AD	N	H2 Antagonist
Ciprofloxacin	AD	AD	Antibiotic - quinolone
Citalopram	ND	ND	Antidepressant
Clarithromycin	ND	ND	Antibiotic - macrolide
Clindamycin	N	N	Antibiotic - lincosamide
Clonazepam	N	ND	Sedative/hypnotic
Clonidine	N	N	Miscellaneous
Clopidogrel	ND	ND	Antiplatelet
Codeine	ND	ND	Narcotic analgesic
Colchicine	N	N	Antigout agent
Cyclophosphamide	ND	ND	Antineoplastic
Dabigatran	AVOID/ND	AVOID/ND	Anticoagulant
Dalbavancin	N	ND	Antibiotic - glycopeptide
Dapagliflozin	AVOID	AVOID	Antihyperglycemic
Darifenacin	ND	ND	Overactive bladder
Denosumab	ND	ND	Miscellaneous
Desloratidine	ND	ND	Antihistamine
Dexamethasone	N	N	Corticosteroid
Diazepam	N	ND	Sedative/hypnotic
Diclofenac	ND	ND	Non-narcotic analgesic
Digoxin	N	N	Antiarrhythmics
Diltiazem	N	N	Calcium-channel blockers
Diphenhydramine	ND	ND	Antihistamine
Diphenoxylate/atropine	ND	ND	GI agent
Dipyridamole	ND	ND	Miscellaneous
Disopyramide	N	N	Antiarrhythmics

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Divalproex	N	N	Anticonvulsant
Doxazosin	N	N	Alpha Antagonist
Doxepin	N	N	Antidepressant
Doxycycline	N	N	Antibiotic - tetracycline
Dronedarone	ND	ND	Antiarrhythmics
Dulaglutide	ND	ND	Antihyperglycemic
Duloxetine	AVOID	AVOID	Antidepressant
Edoxaban	AVOID	AVOID	Anticoagulant
Empagliflozin	AVOID	AVOID	Antihyperglycemic
Enalapril	AD/SD	N	ACE Inhibitor
Enoxaparin	AVOID/N	AVOID/ND	Anticoagulant
Erythromycin	N	N	Antibiotic - macrolide
Ertugliflozin	AVOID	AVOID	Antihyperglycemic
Escitalopram	ND	ND	Antidepressant
Eslicarbazepine	ND	ND	Anticonvulsant
Esomeprazole	N	ND	Proton pump inhibitor
Eszopiclone	ND	ND	Sedative/hypnotic
Famcyclovir	AD	ND	Antivirals
Famotidine	N	N	H2 Antagonist
Febuxostat	ND	ND	Antigout agent
Fenofibrate	AVOID	AVOID	Antilipidemics
Fentanyl	ND	ND	Narcotic analgesic
Fexofenadine	N	N	Antihistamine
Fidaxomicin	ND	ND	Antibiotic - macrolide
Finasteride	ND	ND	Miscellaneous
Fluconazole	AD	ND	Antifungal
Fluoxetine	N	N	Antidepressant
Fluvastatin	ND	ND	Antilipidemics
Fosinopril	N	N	ACE Inhibitor
Furosemide	N	N	Diuretic
Gabapentin	AD/SD	ND	Anticonvulsant
Gabapentin enacarbil	AVOID/AD/SD	ND	Anticonvulsant
Gemfibrozil	AVOID	AVOID	Antilipidemics
Glimepiride	ND	ND	Antihyperglycemic
Glipizide	ND	ND	Antihyperglycemic

Drug Name	HD	PD	Class
Glyburide	ND	ND	Antihyperglycemic
Haloperidol	N	N	Antipsychotic
Heparin	N	N	Anticoagulant
Hydralazine	AD	N	Miscellaneous
Hydrochlorothiazide	AVOID	AVOID	Diuretic
Hydrocodone	ND	ND	Narcotic analgesic
Hydrocortisone	ND	ND	Corticosteroid
Hydromorphone	ND	ND	Narcotic analgesic
Hydroxyzine	N	N	Antihistamine
Ibuprofen	AVOID	AVOID	Non-narcotic analgesic
Iloperidone	ND	ND	Antipsychotic
Imipramine	N	N	Antidepressant
Indomethacin	AVOID	AVOID	Non-narcotic analgesic
Insulin Products	N	N	Antihyperglycemic
Irbesartan	N	ND	Angiotensin antagonist
Isosorbide Dinitrate	N	N	Nitrate
Isosorbide Mononitrate	AD	N	Nitrate
Ivabradine	ND	ND	Miscellaneous
Ketoconazole	N	N	Antifungal
Ketoprofen	ND	ND	Non-narcotic analgesic
Labetalol	N	N	Beta blocker
Lacosamide	SD	ND	Anticonvulsant
Lamotrigine	N	ND	Anticonvulsant
Lansoprazole	N	ND	Proton pump inhibitor
Lefamulin	N	ND	Antibiotic - miscellaneous
Levetiracetam	SD	ND	Anticonvulsant
Levocetirizine	AVOID	AVOID	Antihistamine
Levofloxacin	N/AD	N/AD	Antibiotic - quinolone
Linagliptin	ND	ND	Antihyperglycemic
Liraglutide	AVOID/ND	AVOID/ND	Antihyperglycemic
Lisinopril	AD	ND	ACE Inhibitor
Lithium	AD	ND	Antipsychotic
Loperamide	ND	ND	GI agent
Loratadine	N	N	Antihistamine
Lorazepam	N	ND	Sedative/hypnotic
Losartan	N	N	Angiotensin antagonist
Lovastatin	ND	ND	Antilipidemics
Lurasidone	ND	ND	Antipsychotic

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Drug Name	HD	PD	Class
Macitentan	ND	ND	Miscellaneous
Meperidine	AVOID/ND	AVOID/ND	Narcotic analgesic
Metformin	AVOID	AVOID	Antihyperglycemic
Methadone	N	N	Narcotic analgesic
Methyldopa	SD	N	Miscellaneous
Methylprednisolone	ND	ND	Corticosteroid
Metoclopramide	N	N	GI agent
Metolazone	N	ND	Diuretic
Metoprolol	AD	ND	Beta blocker
Metronidazole	AD/SD	N	Antibiotic - miscellaneous
Milnacipran	AVOID	AVOID	Antidepressant
Minocycline	N	N	Antibiotic - tetracycline
Mirabegron	AVOID/ND	AVOID/ND	Overactive Bladder
Mirtazapine	ND	ND	Antidepressant
Misoprostol	ND	ND	GI agent
Moexipril	ND	ND	ACE Inhibitor
Morphine	ND	ND	Narcotic analgesic
Moxifloxacin	N	N	Antibiotic - quinolone
Nabumetone	N	ND	Non-narcotic analgesic
Nadolol	SD	ND	Beta blocker
Naloxegol	N	ND	GI agent
Naproxen	N	ND	Non-narcotic analgesic
Nateglinide	ND	ND	Antihyperglycemic
Nebivolol	ND	ND	Beta blocker
Nifedipine	N	N	Calcium-channel blockers
Nitrofurantoin	AVOID/ND	AVOID/ND	Antibiotic - miscellaneous
Nortriptyline	N	N	Antidepressant
Ofloxacin	AD	N	Antibiotic - quinolone
Olanzapine	N	N	Antipsychotic
Olmесartan	ND	ND	Angiotensin antagonist
Omeprazole	N	ND	Proton pump inhibitor
Oritavancin	N	ND	Antibiotic - glycopeptide
Oxazepam	N	ND	Sedative/hypnotic
Oxcarbazepine	ND	ND	Anticonvulsant
Oxybutynin	ND	ND	Overactive bladder
Oxycodone	ND	ND	Narcotic analgesic
Pantoprazole	N	ND	Proton pump inhibitor
Paroxetine	N	ND	Antidepressant

Drug Name	HD	PD	Class
Pegloticase	ND	ND	Miscellaneous
Pentoxifylline	N	N	Miscellaneous
Perampanel	AVOID/ND	AVOID/ND	Anticonvulsant
Perphenazine	ND	ND	Antipsychotic
Phenobarbital	AD	N	Anticonvulsant
Phenytoin	N	N	Anticonvulsant
Pioglitazone	ND	ND	Antihyperglycemic
Pirfenidone	AVOID	AVOID	Miscellaneous
Pitavastatin	N	ND	Antihyperlipidemic
Prasugrel	ND	ND	Antiplatelet
Pravastatin	ND	ND	Antilipidemics
Prazosin	N	ND	Alpha Antagonist
Prednisone	N	ND	Corticosteroid
Pregabalin	SD	ND	Anticonvulsant
Primidone	AD	ND	Anticonvulsant
Prochlorperazine	ND	ND	Antipsychotic
Propranolol	N	N	Beta blocker
Quetiapine	ND	ND	Antipsychotic
Quinapril	ND	ND	ACE Inhibitor
Ramelteon	N	ND	Sedative/hypnotic
Ramipril	ND	ND	ACE Inhibitor
Ranitidine	AD	N	H2 Antagonist
Repaglinide	ND	ND	Antihyperglycemic
Rimantadine	N	ND	Antivirals
Rimegepant	AVOID	AVOID	Antimigraine
Riociguat	AVOID/ND	AVOID/ND	Miscellaneous
Risedronate	AVOID	AVOID	Bisphosphonate
Risperidone	ND	ND	Antipsychotic
Rivaroxaban	AVOID	AVOID	Anticoagulant
Rosuvastatin	ND	ND	Antilipidemics
Sacubitril/valsartan	ND	ND	ACE Inhibitor/ Nephritis inhibitor
Saxagliptin	AD	ND	Antihyperglycemic
Sertraline	N	ND	Antidepressant
Simvastatin	ND	ND	Antilipidemics
Sitagliptin	N	N	Antihyperglycemic
Solifenacin	ND	ND	Overactive bladder
Spirolactone	ND	ND	Diuretic
Sucralfate	AVOID/ND	AVOID/ND	GI agent

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Drug Name	HD	PD	Class
Sulfamethoxazole	SD	N	Antibiotic - miscellaneous
Tedizolid	N	ND	Antibiotic - miscellaneous
Telavancin	ND	ND	Antibiotic - glycopeptide
Telmisartan	N	ND	Angiotensin antagonist
Temazepam	ND	ND	Sedative/hypnotic
Terazosin	N	N	Alpha Antagonist
Tetracycline	N	N	Antibiotic - tetracycline
Thioridazine	ND	ND	Antipsychotic
Thiothixene	ND	ND	Antipsychotic
Ticagrelor	ND	ND	Antiplatelet
Tolterodine	ND	ND	Overactive bladder
Topiramate	SD	ND	Anticonvulsant
Torseamide	N	ND	Diuretic
Tramadol	N	ND	Non-narcotic analgesic
Trazodone	ND	ND	Antidepressant
Triamterene	AVOID	AVOID	Diuretic
Trifluoperazine	ND	ND	Antipsychotic
Trimethoprim	SD	ND	Antibiotic - miscellaneous
Tropium	ND	ND	Overactive bladder
Valproic Acid	N	N	Anticonvulsant
Valsartan	N	ND	Angiotensin antagonist
Vancomycin	AD	N	Antibiotic - glycopeptide
Venlafaxine	AD	ND	Antidepressant
Verapamil	N	ND	Calcium-channel blockers
Vigabatrin	ND	ND	Anticonvulsant
Vilazodone	ND	ND	Antidepressant
Vorapaxar	ND	ND	Antiplatelet
Vortioxetine	ND	ND	Antidepressant
Warfarin	N	N	Anticoagulant
Ziprasidone	N	ND	Antipsychotic
Zolpidem	N	ND	Sedative/hypnotic
Zonisamide	AVOID/ND	AVOID/ND	Anticonvulsant

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HD: Hemodialysis

PD: Peritoneal Dialysis

AD: Schedule dose after dialysis

SD: Supplemental dose required

N: No change in administration

ND: Data available is insufficient

Avoid: Medication not recommended for use in impaired renal function.

Information presented in this document is for general informational purposes only. Any changes to therapy should be discussed with the prescriber prior to initiation.

This resource was developed per systematic monograph review conducted by the Creighton University Center for Drug Information and Evidence-Based Practice, using the following resources:

1. Bailie GR & Mason NA. 2013 Dialysis of Drugs. CKD Insights, LLC. Accessed October 6, 2017.
2. Clinical Pharmacology powered by ClinicalKey. Tampa (FL): Elsevier. 2020- Accessed October 15, 2020.
3. DailyMed. National Library of Medicine. Accessed October 6, 2017.
4. Lexicomp. Drug Information. Walters Kluwer. Accessed October 6, 2017