

## 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

## Drug Guide for Patients on Dialysis, Continued

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Drug Name	HD	PD	Class
Divalproex	N	N	Anticonvulsant
Doxazosin	N	N	Alpha Antagonist
Doxepin	N	N	Antidepressant
Doxycycline	N	N	Antibiotic - tetracycline
Dronedaron	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

## LAST UPDATED: OCTOBER 2020

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