



RENAL PHARMACY  
CONSULTANTS, LLC

Bailie and Mason's

**2018** Dialysis of  
**Drugs**



# 2018

## Dialysis of Drugs

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## Use Of This Guide

These guidelines are designed to provide extensive, easy-to-read information regarding the dialyzability of drugs. Numerous literature sources have been used in preparing the guidelines. For many drugs, including newly approved medications, investigational agents and medications available in other countries, there have been no dialysis pharmacokinetic studies. In some cases, the available data may conflict. Conditions of dialysis used in published studies may not reflect current dialysis practice and technology. Variations in the duration of hemodialysis, blood and dialysate flow rates, dialysis membranes, and the characteristics of the peritoneal dialysis prescription will all affect drug removal. These guidelines distinguish between conventional hemodialysis and high permeability (high-flux) hemodialysis where such data are available. No information is provided on drug dialyzability with continuous renal replacement therapy (CRRT) or with plasmapheresis. For additional information on specific drugs, the reader should consult the primary literature.

Users of the following tables are referred to [www.renalpharmacyconsultants.com](http://www.renalpharmacyconsultants.com) for background and explanatory material to assist in the interpretation of the tabular data. The website provides specific information about factors that influence drug dialyzability. Users must be familiar with this information prior to using the following tables.

## Key

- Yes** Indicates that dialysis enhances plasma clearance by 30% or more. Supplemental dosing may be required or dosing after dialysis should be considered.
- No** Indicates that dialysis does not have a clinically important effect on plasma clearance. Supplemental dosing is usually not required.
- U** Indicates that no published data exist but significant drug removal is **unlikely** based on physicochemical characteristics of the drug such as protein binding, molecular size or volume of distribution.
- L** Indicates no published data exist, but physicochemical characteristics of the drug suggest that significant removal of the drug is **likely** during dialysis.
- ND** Indicates there are no data on drug dialyzability with this type of dialysis.
- NS** Indicates the type of membrane was not specified.

**Note:** In these tables, **conventional** hemodialysis is defined as the use of a dialysis membrane with an in vitro coefficient of ultrafiltration (K<sub>uf</sub>) ≤8 mL/hour/mm Hg. Data also are placed in the conventional column if the literature does not specify the type of dialysis membrane employed. **High permeability** hemodialysis is defined as the use of a dialysis membrane whose K<sub>uf</sub> >8 mL/hour/mm Hg. In the tables, the K<sub>uf</sub> of the membrane(s) used is included in parentheses.

For additional information on the use of this table, go to [www.renalpharmacyconsultants.com](http://www.renalpharmacyconsultants.com)

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Abacavir	U	No (40)	ND
Abaloparatide	U	U	U
Abatacept	U	U	U
Abciximab	U	ND	U
Abemaciclib	U	U	U
Abiraterone	No (NS)	No (NS)	U
Acalabrutinib	ND	ND	ND
Acamprosate	ND	ND	ND
Acarbose	ND	ND	ND
Acebutolol (Diacetolol)	Yes (NS)	L	ND
Acenocoumarol	U	U	U
Acetaminophen (Paracetamol)	Yes (NS)	Yes (62)	No
Acetazolamide	U	ND	No
Acetohexamide	U	ND	U
Acetophenazine	U	ND	U
Acetylcysteine (N-acetylcysteine) (NAC)	Yes (7.5)	Yes (62)	ND
Aciclovir (Acyclovir)	Yes (NS)	L	No
Acid colloidal hydrocolloid	U	U	U
Acitretin	No (NS)	U	U
Aclidinium bromide	U	U	U
Acrivastine	ND	ND	ND
Acyclovir (Aciclovir)	Yes (NS)	L	No
Adalimumab (Adalimumab-adbm) (Adalimumab-atto)	U	U	U
Adefovir	Yes (NS)	ND	ND
Adenosine	U	ND	U
Adipiodone	ND	ND	ND
Ado-trastuzumab emtansine	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Adrenaline (Epinephrine)	ND	ND	ND
Afatinib Dimaleate	ND	ND	ND
Aflibercept (ZIV-aflibercept)	U	U	U
Agalsidase alfa	No (7.5)	No (10)	U
Agalsidase beta	U	U	U
Agomelatine	ND	ND	ND
Albendazole	No (NS)	ND	U
Albiglutide	U	U	U
Albinterferon alfa-2b	No (NS)	U	U
Albumin	U	ND	U
Albuterol (Salbutamol)	No (NS)	ND	U
Albutrepenonacog alfa	U	U	U
Alcaftadine	ND	ND	ND
Aldesleukin	ND	ND	ND
Alectinib	U	U	U
Alefacept	ND	ND	ND
Alemtuzumab	U	U	U
Alendronate	No (NS)	ND	ND
Alfacalcidol (1-Alpha-hydroxy vitamin D3)	ND	ND	ND
Alfentanil	U	ND	U
Alfuzosin	U	U	U
Alginate acid	U	U	U
Alglucerase	U	U	U
Alimemazine (Trimeprazine)	ND	ND	ND
Alirocumab	U	U	U
Aliskiren	U	No (60)	U
Alitretanoin	ND	ND	ND
Allopurinol	Yes (NS)	Yes (NS)	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Almotriptan	ND	ND	ND
Alogliptin	No (NS)	No (NS)	U
Alosetron	ND	ND	ND
Alpha tocopherol	ND	ND	ND
Alprazolam	No (NS)	ND	U
Alprostadil	U	No (11.1)	ND
Alteplase	U	ND	U
Altretamine	ND	ND	ND
Aluminum	ND	ND	No
Alvimopan	ND	ND	ND
Amantadine	No (NS)	ND	No
Ambenonium	ND	ND	ND
Ambrisentan	U	U	U
Amdinocillin	No (NS)	ND	No
Amifostine	ND	ND	ND
Amikacin	Yes (NS)	L	Yes
Amiloride	ND	ND	ND
Aminocaproic acid	Yes (NS)	ND	Yes
Aminoglutethimide	Yes (NS)	L	ND
Aminoguanidine (Pimagedine)	Yes (NS)	ND	ND
Aminophylline	Yes (NS)	L	No
Aminosalicylic acid	Yes (NS)	L	ND
Amiodarone	No (NS)	U	No
Amisulpride	U	U	U
Amitriptyline	No (NS)	ND	No
Amlexanox	ND	ND	ND
Amlodipine	No (NS)	U	No
Ammonium chloride	ND	ND	ND
Amoxapine	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Amoxicillin	Yes (NS)	L	No
Amphetamine	ND	ND	ND
Amphotericin B	No (NS)	No (10.1, 36)	No
Amphotericin B lipid complex	No (NS)	ND	U
Ampicillin	Yes (NS)	L	No
Amprenavir	U	ND	U
Amrinone	U	ND	No
Amsacrine (m-AMSA)	U	U	U
Anagrelide	ND	ND	ND
Anakinra	No (NS)	ND	No
Anastrozole	ND	ND	ND
Ancestim	ND	ND	ND
Ancrod	ND	ND	ND
Anidulafungin	No (NS)	U	U
Anisindione	U	U	U
Anisoylated plasminogen streptokinase activator complex (Anistreplase)	U	ND	U
Anistreplase (Anisoylated plasminogen streptokinase activator complex)	U	ND	U
Antihemophilic factor (beta domain deleted), recombinant, Fc Fusion Protein (Bdd-rFVIII <sub>FC</sub> )	U	U	U
Antihemophilic factor (Factor VIII)	ND	ND	ND
Antihemophilic factor (recombinant) porcine sequence	ND	ND	ND
Antithymocyte globulin	U	ND	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Apixaban	No (NS)	No (60)	U
Apomorphine	U	U	U
Apraclonidine	ND	ND	ND
Apremilast	ND	ND	ND
Aprepitant	No (NS)	U	U
Aprotinin	U	ND	U
Arbutamine	ND	ND	ND
Argatroban	U	No (10.7-36)	ND
Aripiprazole	U	U	U
Armodafinil	ND	ND	ND
Arsenic trioxide	No (NS)	ND	U
Artemether	ND	ND	ND
Articaine	ND	ND	ND
Ascorbic acid	Yes (5.5)	Yes (8.8)	Yes
Asenapine	U	U	U
Asfotase alfa	ND	ND	ND
Asparaginase	U	ND	U
Aspirin (Salicylates)	Yes (NS)	Yes (73)	Yes
Asunaprevir	No (NS)	ND	U
Atazanavir	U	U	U
Atenolol	Yes (NS)	L	No
Atezolizumab	U	U	U
Atilizumab (Tocilizumab)	U	U	U
Atomoxetine	U	U	U
Atorvastatin	No (NS)	U	U
Atovaquone	U	ND	U
Atracurium	U	ND	U
Atropine	No (NS)	ND	ND
Attapulgite	U	U	U
Auranofin	No (NS)	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Avanafil	ND	ND	ND
Avelumab	U	U	U
Avibactam	Yes (NS)	Yes (NS)	ND
Axitinib	U	No (80)	U
Azacitidine	ND	ND	ND
Azathioprine	Yes (NS)	L	ND
Azelastine	U	U	U
Azilsartan medoxomil	No (NS)	No (NS)	ND
Azithromycin	ND	ND	No
Azlocillin	Yes (NS)	L	No
Aztreonam	Yes (NS)	L	No
Bacampicillin	Yes (NS)	L	No
Baclofen	ND	Yes (60)	ND
Balsalazide	U	U	U
Basiliximab	U	ND	U
Bazedoxifene	U	U	U
Bedaquiline fumarate	U	U	U
Belimumab	ND	ND	ND
Belinostat	U	U	U
Benazepril	No (NS)	ND	ND
Benazeprilat	No (NS)	ND	ND
Bendamustine	U	U	U
Bendroflumethiazide	No (NS)	ND	U
Benserazide	U	U	U
Benzhexol (Trihexyphenidyl)	ND	ND	ND
Benznidazole	ND	ND	ND
Benzphetamine	ND	ND	ND
Benzquinamide	U	ND	ND
Benztropine	ND	ND	ND
Bepotastine besylate	ND	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Bepridil	No (NS)	ND	U
Beractant	U	U	U
Besifloxacin	ND	ND	ND
Betahistine	ND	ND	ND
Betaine	ND	ND	ND
Betamethasone	ND	ND	ND
Betaxolol	No (NS)	ND	No
Bethanechol	ND	ND	ND
Betrixaban	U	U	U
Bevacizumab (Bevacizumab-awwb)	U	No (NS)	U
Bexarotene	U	U	U
Bezafibrate	No (NS)	U	No
Bezlotoxumab	U	U	U
Biapenem	Yes (NS)	Yes (NS)	ND
Bicalutamide	U	ND	U
Bilastine	ND	ND	ND
Bimatoprost	ND	ND	ND
Biperiden	ND	ND	ND
Bisoprolol	No (NS)	ND	U
Bivalirudin	Yes (NS)	ND	ND
Bleomycin	No (NS)	ND	No
Blinatumomab	U	U	U
Boceprevir	No (NS)	No (NS)	U
Bortezomib	No (NS)	ND	ND
Bosentan	U	No (11.1)	U
Bosutinib monohydrate	ND	ND	ND
Botulinum antotoxin heptavalent (equine)	ND	ND	ND
Brentuximab vedotin	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Bretylium	Yes (NS)	L	ND
Brexipiprazole	U	U	U
Brigatinib	ND	ND	ND
Brinzolamide	ND	ND	ND
Brivaracetam	ND	ND	ND
Brodalumab	U	U	U
Bromazepam	ND	ND	ND
Bromfenac	No (NS)	U	U
Bromocriptine	U	ND	U
Brompheniramine	ND	ND	ND
Budesonide	U	U	U
Buflomedil	No (NS)	No (20)	U
Bumetanide	U	U	U
Buphenine (Nyldrin)	ND	ND	ND
Bupivacaine	U	U	U
Buprenorphine	U	U	U
Bupropion	No (NS)	No (10)	No
Buserelin	ND	ND	ND
Buspirone	No (NS)	ND	ND
Busulfan	Yes (NS)	Yes (8.1)	ND
Butalbital	ND	ND	ND
Butoconazole	U	U	U
Butorphanol	U	ND	U
C1 esterase inhibitor	ND	ND	ND
Cabazitaxel	U	U	U
Cabergoline	ND	ND	ND
Cabozantinib	ND	ND	ND
Caffeine	ND	ND	ND
Calcitonin	U	U	U
Calcitriol	No (4.2-5.3)	No (31)	U

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Calcium carbonate	Yes	Yes	Yes
Calcium folinate (Leukovorin) (Folinic acid)	ND	ND	ND
Calcium polystyrene sulfonate	U	U	U
Calcium sodium alginate	U	U	U
Calfactant	ND	ND	ND
Canagliflozin	U	U	U
Canakinumab	U	U	U
Candesartan	No (NS)	No (8.1)	ND
Cangrelor	ND	ND	ND
Capecitabine	ND	ND	ND
Capreomycin	Yes (NS)	L	ND
Captopril	Yes (NS)	L	No
Carbamazepine	No (NS, 5.5)	Yes (22, 55)	No
Carbenicillin	Yes (NS)	L	No
Carbidopa	ND	ND	ND
Carbimazole	No (NS)	ND	No
Carbinoxamine	ND	ND	ND
Carboplatin	Yes (NS)	Yes (NS)	No
Carboprost	ND	ND	ND
Carfilzomib	No (NS)	No (NS)	U
Carglumic acid	ND	ND	ND
Cariprazine hydrochloride	U	U	U
Carisoprodol	Yes (NS)	L	Yes
Carmustine	No (NS)	ND	ND
Carprofen	U	U	U
Carteolol	ND	ND	ND
Carumonam	Yes (NS)	L	ND
Carvedilol	No (NS)	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Caspofungin	No (NS)	U	U
CCNU (Lomustine)	No (NS)	ND	U
Cefaclor	Yes (NS)	L	Yes
Cefadroxil	Yes (NS)	L	No
Cefalothin (Cefalotin)	Yes (NS)	L	No
Cefamandole	Yes (NS)	L	No
Cefazolin	Yes (6, 8)	Yes (8.1-60)	Yes
Cefdinir	ND	Yes (NS)	ND
Cefditoren	No (NS)	ND	ND
Cefepime	Yes (NS)	Yes (40-70)	Yes
Cefiderocol	ND	Yes (55)	ND
Cefixime	No (NS)	ND	No
Cefmenoxime	Yes (NS)	L	ND
Cefmetazole	Yes (NS)	L	No
Cefodizime	No (NS)	ND	No
Cefonicid	No (NS)	ND	No
Cefoperazone	No (NS)	ND	No
Ceforanide	Yes (NS)	L	No
Cefotaxime	Yes (NS)	L	No
Cefoxitin	Yes (NS)	L	No
Cefpirome	Yes (NS)	Yes (40)	No
Cefpodoxime	Yes (NS)	L	No
Cefprozil	Yes (NS)	L	ND
Cefradine	Yes (NS)	L	Yes
Cefroxadine	ND	ND	ND
Cefsulodin	Yes (NS)	L	Yes
Ceftaroline fosamil	L	Yes (70, 85)	ND
Ceftazidime	Yes (NS)	Yes (NS)	Yes
Ceftibuten	Yes (NS)	L	ND
Ceftizoxime	Yes (NS)	L	No

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Ceftobiprole	ND	ND	ND
Ceftolozane	ND	Yes (NS)	ND
Ceftriaxone	No (NS)	ND	No
Cefuroxime	Yes (NS)	L	No
Celecoxib	U	U	U
Cephalexin	Yes (NS)	L	No
Cephalothin	Yes (NS)	L	No
Cephapirin	Yes (NS)	L	No
Cephazolin	Yes (6, 8)	Yes (8.1-60)	No
Cephradine	Yes (NS)	L	Yes
Ceritinib	U	ND	U
Cerliponase alfa	U	U	U
Certolizumab	U	U	U
Certoparin	U	No (NS)	U
Cetirizine	U	No (18.7-66.7)	U
Cetorelix	ND	ND	ND
Cetuximab	No (NS)	U	U
Cevimeline	ND	ND	ND
Chloral hydrate	Yes (5.5)	L	ND
Chlorambucil	No (NS)	ND	No
Chloramphenicol	Yes (NS)	L	No
Chlordiazepoxide	No (NS)	U	U
Chlormethine (Mechlorethamine) (Mustine)	U	U	U
Chloroprocaine	ND	ND	ND
Chloroquine	No (NS)	ND	No
Chlorothiazide	No (NS)	ND	U
Chlorphenamine (Chlorpheniramine)	Yes (NS)	L	No

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Chlorpheniramine (Chlorphenamine)	Yes (NS)	L	No
Chlorpromazine	No (NS)	U	No
Chlorpropamide	No (NS)	ND	No
Chlorprothixene	U	ND	U
Chlorthalidone	No (NS)	ND	U
Chlorzoxazone	ND	ND	ND
Cholecalciferol (Vitamin D3)	U	U	U
Cholestyramine	U	U	U
Cholic acid	U	U	U
Choline C-11	No	No	No
Choline theophyllinate (Oxtriphylline)	Yes (NS)	L	No
Choriogonadotropin alfa (Chorionic gonadotrophin)	U	U	U
Chorionic gonadotrophin (Choriogonadotropin alfa)	U	U	U
Ciclesonide	U	U	U
Cidofovir	ND	Yes (60)	No
Cilastatin	Yes (NS)	L	ND
Cilazapril	Yes (NS)	L	ND
Cilostazol	U	U	U
Cimetidine	No (NS)	ND	No
Cinacalcet	No (NS)	U	No
Cinoxacin	No (NS)	ND	U
Ciprofloxacin	No (NS)	ND	No
Cisapride	No (NS)	U	U
Cisatracurium	U	ND	U
Cisplatin	No (NS)	Yes (64)	No
Citalopram	No (8)	No (40)	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Citric acid	L	L	L
Cladribine	ND	ND	ND
Clarithromycin	ND	ND	ND
Clavulanic acid	Yes (NS)	L	Yes
Clemastine	U	U	U
Clevidipine	U	U	U
Clinafloxacin	No (6.4)	No (8.1, 8.8)	ND
Clindamycin	No (NS)	ND	No
Clobazam	No (4.2)	ND	ND
Clodronate	ND	Yes (8.1)	No
Clofarabine	U	No (85)	U
Clofazimine	No (NS)	ND	No
Clofibrate	No (NS)	U	No
Clomiphene	ND	ND	ND
Clomipramine	U	U	U
Clonazepam	No (NS)	ND	U
Clonidine	No (NS)	ND	No
Clopidogrel	U	ND	U
Clorazepate	No (NS)	ND	U
Clotrimazole	U	U	U
Cloxacillin	No (NS)	ND	No
Clozapine	No (NS)	U	U
Cobicistat	U	U	U
Cobimetinib	U	U	U
Cocaine	No (NS)	ND	U
Codeine/metabolites (Morphine-3 and morphine-6 glucuronides, codeine-6 glucuronide)	No/Yes (NS)	ND	U
Colaspase	U	ND	U
Colchicine	No (NS)	ND	No

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Colesevalam	U	U	U
Colestipol	U	U	U
Colfosceril	U	U	U
Colistimethate (Colistin methanesulfonate)	L	Yes (26, 81)	No
Colistin (Polymixin E)	L	Yes (26, 81)	No
Collagenase clostridium histolyticum	U	U	U
Conivaptan	U	U	U
Copanlisib	ND	ND	ND
Corifollitropin	ND	ND	ND
Cortisone	No (NS)	ND	No
Cotrimoxazole (Sulfamethoxazole and trimethoprim)	Yes (NS)/ Yes (NS)	L/L	No/No
Crisaborole	U	U	U
Crizotinib	U	U	U
Crofelemer	U	U	U
Cromolyn sodium	U	U	U
Cyanocobalamin	No (NS)	No (40, 65)	ND
Cyclacillin	Yes (NS)	L	No
Cyclobenzaprine	U	U	U
Cyclophosphamide	Yes (6.4)	L	ND
Cycloserine	ND	Yes (30, 52)	ND
Cyclosporine	No (NS)	U	No
Cyproheptadine	ND	ND	ND
Cyproterone	ND	ND	ND
Cystadane	ND	ND	ND
Cysteamine	Yes (NS)	ND	No
Cytarabine (Cytosine arabioside) (Ara-U)	ND/ND	Yes (NS)/ Yes (ND)	No/ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Cytosine arabinoside (Cytarabine) (Ara-U)	ND/ND	Yes (NS)/ Yes (ND)	No/ND
Dabigatran	Yes (NS)	Yes (59, 73)	ND
Dabrafenib	U	U	U
Dacarbazine	ND	ND	ND
Daclatasvir	No (NS)	U	U
Daclizumab	U	ND	U
Dactinomycin	ND	ND	ND
Dalbavancin	No (NS)	ND	U
Dalfampridine (Fampridine)	ND	L	ND
Dalfopristin	ND	ND	No
Dalteparin	Yes (NS)	Yes (60,70)	No
Danaparoid	ND	ND	ND
Danazol	ND	ND	ND
Dantrolene	ND	ND	ND
Dapagliflozin propanediol	ND	ND	ND
Dapoxetine	U	U	U
Dapsone	Yes (NS)	L	ND
Daptomycin	No (11)	Yes (59, 62)	No
Daratumumab	ND	ND	ND
Darbepoetin alfa	U	No (11.1-55)	No
Darifenacin	U	U	U
Darunavir	Yes (NS)	L	U
Dasabuvir	U	U	U
Dasatinib	U	U	U
Daunorubicin	ND	ND	ND
Decitabine	ND	ND	ND
Deferasirox	U	U	U
Deferiprone	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Deferoxamine (Desferrioxamine)	Yes (NS)	L	ND
Defibrotide sodium	U	No (55)	U
Deflazacort	No (NS)	ND	U
Degarelix	U	U	U
Delafloxacin	No (NS)	ND	ND
Delavirdine	U	ND	U
Demeclocycline	ND	ND	ND
Denileukin	U	U	U
Denosumab	U	U	U
Deoxycholic Acid	U	U	U
Desferrioxamine (Deferoxamine)	Yes (NS)	L	ND
Desipramine	No (NS)	ND	No
Desloratadine	No (NS)	ND	No
Desmopressin	ND	ND	ND
Desogestrel	U	U	U
Desvenlafaxine	No (NS)	U	U
Deutetrabenazine	ND	ND	ND
Dexamethasone	No (NS)	ND	No
Dexamphetamine	ND	ND	ND
Dexchlorpheniramine	Yes (NS)	L	No
Dexfenfluramine	ND	ND	ND
Dexlansoprazole	U	U	U
Dexmedetomidine	U	U	U
Dexmethylphenidate	ND	ND	ND
Dexpanthenol (Pantothenic acid) (Vitamin B5)	ND	ND	ND
Dexrazoxane	ND	ND	ND
Dextran	U	U	U
Dextroamphetamine	ND	ND	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Dextropropoxyphene	No (NS)	ND	No
Dezocine	ND	ND	ND
Diacetolol (Acebutolol)	Yes (NS)	L	ND
Diatrizoate	L	Yes (NS)	ND
Diazepam	No (NS)	ND	U
Diazoxide	Yes (NS)	L	Yes
Dibekacin	Yes (NS)	L	ND
Diclofenac	U	ND	U
Dicloxacillin	No (NS)	ND	No
Dicyclomine	ND	ND	ND
Dicycloverine	ND	ND	ND
Didanosine	No (7.9)	No (40)	No
Dideoxycytidine (Zalcitabine)	ND	ND	ND
Dienogest	ND	ND	ND
Diethylpropion	ND	ND	ND
Diethylstilbesterol (Fosfestrol)	No (NS)	ND	ND
Diflunisal	No (NS)	ND	U
Difluprednate	ND	ND	ND
Digitoxin	No (NS)	ND	No
Digoxin	No (NS)	ND	No
Digoxin immune Fab	No (NS)	U	No
Dihydrocodeine	ND	ND	ND
Dihydroergotamine	ND	ND	ND
Diltiazem	No (NS)	ND	No
Dimenhydrinate	ND	ND	ND
Dimethyl fumarate	ND	ND	ND
Dimyristoyl lecithin	ND	ND	ND
Dinoprostone (Prostaglandin E2)	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Dinutuximab	U	U	U
Diphenhydramine	U	ND	U
Diphenoxylate/atropine	ND	ND	ND
Dipyridamole	U	ND	ND
Dirithromycin	No (NS)	ND	No
Disopyramide	No (NS)	U	U
Disulfiram	U	U	U
Divalproex	No (NS)	ND	No
Dobutamine	No (NS)	ND	No
Docetaxel	No (NS)	U	No
Dofetilide	ND	ND	ND
Dolasetron	ND	ND	ND
Dolutegravir	U	No (54)	U
Domperidone	U	U	U
Donepezil	U	ND	U
Dopamine	No (NS)	ND	U
Doripenem	Yes (NS)	Yes	ND
Dornase alfa	U	U	U
Dosulepin (Dothiepin)	U	U	U
Dothiepin (Dosulepin)	U	U	U
Doxacurium	No (NS)	ND	U
Doxapram	ND	ND	ND
Doxazosin	No (NS)	ND	No
Doxepin	No (NS)	ND	No
Doxercalciferol	No (NS)	U	U
Doxorubicin	No (NS)	ND	ND
Doxorubicin, pegylated liposomal	ND	ND	ND
Doxycycline	No (NS)	ND	No
Doxylamine	ND	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Dronabinol	U	ND	U
Dronedarone	U	U	U
Droperidol	U	ND	U
Drospirenone	U	U	U
Drotrecogin alfa	U	U	U
Droxidopa	ND	ND	ND
Dulaglutide	U	U	U
Duloxetine	U	U	U
Dupilumab	U	U	U
Durvalumab	U	U	U
Dutasteride	U	U	U
Dydrogesterone	ND	ND	ND
Ecallantide	ND	ND	ND
Ecstasy (MDMA)	ND	ND	ND
Eculizumab	No (1.7)	ND	U
Edaravone	ND	ND	ND
Edetate calcium (EDTA)	Yes (NS)	L	Yes
Edoxaban	No (NS)	No (60)	U
Edrophonium	ND	ND	ND
EDTA (Edetate calcium)	Yes (NS)	L	Yes
Efalizumab	U	U	U
Efavirenz	No (NS)	ND	No
Efinaconazole	ND	ND	ND
Eformoterol (Formoterol)	ND	ND	ND
Elbasvir	No (NS)	No (NS)	U
Eletriptan	ND	ND	ND
Eliglustat	ND	ND	ND
Elosulfase alfa	U	U	U
Elotuzumab	No (NS)	No (NS)	U
Eltrombopag	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Eluxadoline	U	U	U
Elvitegravir	U	U	U
Empagliflozin	ND	ND	ND
Emtricitabine	Yes (NS)	ND	ND
Enalapril (Enalaprilat)	Yes (NS)	L	Yes
Enalaprilat (Enalapril)	Yes (NS)	L	Yes
Enasidenib	ND	ND	ND
Encainide	No (NS)	ND	ND
Enfuvirtide	No (NS)	U	U
Enoxacin	No (NS)	ND	No
Enoxaparin	No (NS)	Yes (11.5-55)	No
Entacapone	U	U	U
Entecavir	No (NS)	ND	No
Enzalutamide	U	U	U
Ephedrine	ND	ND	ND
Epinephrine (Adrenaline)	ND	ND	ND
Epirubicin	ND	ND	ND
Eplerenone	No (7)	ND	ND
Epoetin alfa	No (NS)	No (11.1-55)	No
Epoetin beta	U	U	U
Epoprostenol (Prostacyclin)	ND	ND	ND
Eprosartan	U	No (60)	U
Eptacog alfa	U	U	U
Eptifibatide	ND	ND	ND
Ergocalciferol	ND	ND	ND
Ergometrine (Ergonovine)	ND	ND	ND
Ergotamine	ND	ND	ND
Eribulin mesylate	ND	ND	ND
Erlotinib	U	No (NS)	U
Ertapenem	Yes (NS)	L	No

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Erythromycin	No (NS)	ND	No
Escitalopram	ND	ND	ND
Eslicarbazepine	Yes (NS)	Yes (NS)	ND
Esmolol	Yes (NS)	L	Yes
Esomeprazole	U	U	U
Estazolam	U	U	U
Estradiol (Oestradiol)	No (NS)	U	U
Estramustine	ND	ND	ND
Estrogens, conjugated	ND	ND	ND
Estrone	No (NS)	ND	ND
Estropipate (Piperazine estrone)	U	U	U
Eszopiclone	ND	ND	ND
Etanercept	No (NS)	U	U
Etelcalcetide (Velcalcitide)	U	No (55)	U
Ethacrynic acid	No (NS)	U	U
Ethambutol	No (NS)	No (80)	U
Ethanol	Yes (NS)	L	ND
Ethanolamine oleate	ND	ND	ND
Ethchlorvynol	No (NS)	ND	No
Ethinyl estradiol	U	U	No
Ethinylloestradiol	U	U	No
Ethionamide	U	No (30, 52)	U
Ethopropazine (Prophenamine)	ND	ND	ND
Ethosuximide	Yes (NS)	L	ND
Ethotoin	ND	ND	ND
Ethinodiol diacetate	ND	ND	ND
Etidronate	ND	ND	ND
Etodolac	No (NS)	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Etonogestrel	ND	ND	ND
Etoposide	No (NS)	No (NS)	No
Etoricoxib	No (NS)	U	U
Etravirine	No (NS)	U	U
Everolimus	U	No (NS)	U
Evolocumab	U	U	U
Exametazime	ND	ND	ND
Exemestane	U	U	U
Exenatide	ND	ND	ND
Ezetimibe	U	U	U
Ezogabine (Retigabine)	ND	ND	ND
Factor VIII (Antihemophilic factor)	ND	ND	ND
Famciclovir (Prodrug of penciclovir). See penciclovir	ND	ND	ND
Famotidine	No (NS)	ND	No
Fampridine (Dalfampridine)	ND	L	ND
Febuxostat	U	U	U
Felbamate	ND	ND	ND
Felodipine	No (NS)	U	U
Fenfluramine	ND	ND	ND
Fenofibrate	No (NS)	U	U
Fenoldopam	U	ND	No
Fenoprofen	No (NS)	U	U
Fenoterol	ND	ND	ND
Fentanyl	U	No (10.1)	ND
Ferric carboxymaltose	U	U	U
Ferric gluconate	No (NS)	ND	U
Ferrous salts (Iron salts)	U	ND	U
Ferumoxytol	No (NS)	ND	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Fesoterodine	ND	ND	ND
Fexofenadine	No (NS)	ND	U
Fibrinogen	ND	ND	ND
Fidaxomicin	U	U	U
Filgrastim	No (NS)	ND	U
Filgrastim-Sndz	ND	ND	ND
Finafloxacin	U	U	U
Finasteride	U	ND	U
Fingolimod	ND	ND	ND
Flavoxate	ND	ND	ND
Flecainide	No (NS)	ND	U
Fleroxacin	U	No (8.1, 22)	No
Flibanserin	U	U	U
Floctafenine	ND	ND	ND
Florbetaben F-18	U	U	U
Florbetapir F-18	ND	ND	ND
Floxacillin (Flucloxacillin)	No (NS)	ND	ND
Floxuridine	ND	ND	ND
Fluciclovine F-18	U	U	U
Flucloxacillin (Floxacillin)	No (NS)	ND	ND
Fluconazole	Yes (NS)	L	Yes
Flucytosine	Yes (NS)	L	Yes
Fludarabine	ND	ND	ND
Fludrocortisone	ND	ND	ND
Flumazenil	ND	ND	ND
Flunitrazepam	ND	ND	ND
Fluorouracil/FBAL (5-FU)	No (NS)/ ND	Yes (71)/ Yes (40)	No
Fluoxetine	No (NS)	U	No
Fluoxymesterone	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Flupenthixol	ND	ND	ND
Fluphenazine	U	ND	U
Flurazepam	No (NS)	ND	U
Flurbiprofen	U	U	No
Flutamide	No (NS)	ND	U
Flutemetamol F18	ND	ND	ND
Fluticasone	U	U	U
Fluvastatin	No (NS)	U	U
Fluvoxamine	U	No (NS)	U
Folic acid	Yes (NS)	L	ND
Folinic acid (Leucovorin) (Calcium folinate)	ND	ND	ND
Follitropin alfa	ND	ND	ND
Follitropin beta	ND	ND	ND
Fomepizole	Yes (NS)	L	ND
Fondaparinux	No (NS)	ND	U
Formoterol (Eformoterol)	ND	ND	ND
Fosamprenavir	U	U	U
Fosaprepitant	No (NS)	U	U
Foscarnet	Yes (4.1)	Yes (18-60)	ND
Fosfestrol (Diethylstilbesterol)	No (NS)	ND	ND
Fosfomycin	Yes (NS)	L	ND
Fosinopril (Fosinoprilat)	No (NS)	ND	No
Fosinoprilat (Fosinopril)	No (NS)	ND	No
Fosphenytoin	U	U	U
Fostamatinib	No (NS)	ND	U
Fotemustine	ND	ND	ND
Frovatriptan	ND	ND	ND
Fruzemide	No (NS)	U	U

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Fulvestrant	U	U	U
Furosemide	No (NS)	U	U
Fusidic acid	No (NS)	ND	No
Gabapentin	Yes (NS)	L	ND
Gadobenate	ND	ND	ND
Gadobutrol	Yes (5.5)	L	ND
Gadodiamide	Yes (NS)	L	No
Gadofosveset	ND	ND	ND
Gadolinium	Yes (NS)	ND	ND
Gadopentetate	Yes (NS)	L	ND
Gadoterate meglumine (Gadoteric acid)	ND	L	L
Gadoteric acid (Gadoterate meglumine)	ND	L	L
Gadoteridol	ND	ND	ND
Gadoversetamide	ND	Yes (NS)	ND
Gadoxetate	Yes (NS)	L	ND
Galantamine	ND	ND	ND
Gallamine	ND	ND	ND
Gallium (Gallium ga 68 dotatate)	ND	ND	ND
Gallopamil	U	U	U
Galsulfase	U	U	U
Ganciclovir	Yes (NS)	L	ND
Ganirelix	ND	ND	ND
Garenoxacin	No (NS)	No (NS)	No
Gatifloxacin	ND	ND	ND
Geftinib	U	No (20)	U
Gemcitabine	Yes (7)	Yes (53, 58)	ND
Gemfibrozil	No (NS)	U	No
Gemifloxacin	No (NS)	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Gemtuzumab ozogamicin	U	U	U
Gentamicin	Yes (NS)	Yes (13.2-60)	Yes
Gestodene	U	U	U
Gestrinone	ND	ND	ND
Glatiramer	ND	ND	ND
Glecaprevir	No (NS)	No (NS)	U
Glibenclamide (Glyburide)	No (NS)	U	U
Gliclazide	U	U	U
Glimepiride	U	U	U
Glipizide	U	U	U
Glucagon	U	ND	U
Glucarpidase	ND	ND	ND
Glutethimide	No (NS)	ND	No
Glyburide (Glibenclamide)	No (NS)	U	U
Glycerol phenylbutyrate	ND	ND	ND
Glyceryl trinitrate (GTN)	No (NS)	ND	No
Glycopyrrolate (Glycopyrronium bromide)	ND	ND	ND
Glycopyrronium bromide (Glycopyrrolate)	ND	ND	ND
Glyphosate	Y	Y	ND
Gold sodium thiomalate	No (NS)	ND	U
Golimumab	U	U	U
Goserelin	ND	ND	ND
Granisetron	ND	ND	ND
Grazoprevir	No (NS)	No (NS)	U
Grepafloxacin	ND	ND	ND
Griseofulvin	ND	ND	ND
Guaifenesin	ND	ND	ND
Guanabenz	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Guanadrel	ND	ND	ND
Guanethidine	ND	ND	ND
Guanfacine	No (NS)	ND	No
Guanidine	ND	ND	ND
Guselkumab	U	U	U
H1N1 vaccine (Influenza vaccine)	ND	ND	ND
H5N1 vaccine (Influenza vaccine)	ND	ND	ND
Halofantrine	ND	ND	ND
Haloperidol	No (NS)	U	No
Heparin	No (NS)	ND	No
Heroin	U	ND	U
Hexamethylenetetramine (Hexamine) (Methenamine)	ND	ND	ND
Hexamine (Methenamine) (Hexamethylenetetramine)	ND	ND	ND
Hexobarbital (Hexobarbitone)	No (NS)	ND	U
Hexobarbitone (Hexobarbital)	No (NS)	ND	U
Hirudin	No (4.3-6.5)	Yes (20-90)	ND
House dust mite allergen extract ( <i>D. farinae</i> ) ( <i>D. pteronyssinus</i> )	ND	ND	ND
Human coagulation factor IX, recombinant, Fc fusion protein (rFIXFc)	U	U	U
Human growth hormone	U	U	U
Human papillomavirus quadrivalent vaccine, recombinant	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Human parathyroid hormone, recombinant	ND	ND	ND
Hyaluronidase	U	U	U
Hydralazine	No (NS)	ND	No
Hydrochlorothiazide	No (NS)	ND	U
Hydrocodone	ND	ND	ND
Hydrocortisone	U	ND	U
Hydromorphone/ hydromorphone-3- glucuronide	No/ Yes (7.5)	Yes (NS)/ L	U
Hydroxocobalamin	U	No (40, 65)	ND
Hydroxycarbamide (Hydroxyurea)	No (NS)	ND	U
Hydroxychloroquine	ND	ND	ND
Hydroxyurea (Hydroxycarbamide)	No (NS)	ND	U
Hydroxyzine	No (NS)	U	No
Ibandronate	ND	Yes (8.1)	ND
Ibritumomab	U	U	U
Ibrutinib	U	U	U
Ibuprofen	No (NS)	U	U
Ibutilide	ND	ND	ND
Icatibant	ND	ND	ND
Icosapent ethyl	U	U	U
Idarubicin	U	U	U
Idarucizumab	U	U	U
Idebenone	U	U	U
Idelalisib	U	ND	U
Idursulfase	U	U	U
Ifosfamide	Yes (1.6)	L	ND
Iloperidone	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Iloprost	ND	ND	ND
Imatinib	No (NS)	U	U
Imidapril (Imidaprilat)	No (NS)	U	U
Imidaprilat (Imidapril)	No (NS)	U	U
Imiglucerase	U	U	U
Imipenem	Yes (NS)	L	Yes
Imipramine	No (NS)	U	No
Immune globulin (Immunoglobulin, IVg)	U	U	U
Immunoglobulin (Immune globulin, IVg)	U	U	U
Indacaterol	U	U	U
Indapamide	No (NS)	ND	U
Indinavir	U	No (40)	ND
Indomethacin	No (NS)	U	U
Infliximab Infliximab-Abda Infliximab-Dyyb	U	U	U
Influenza vaccine (H1N1) (H5N1)	ND	ND	ND
Ingenol mebutate	ND	ND	ND
Inotuzumab ozogamicin	U	U	U
Insulin	No (NS)	ND	No
Insulin aspart	U	ND	U
Insulin degludec	No (NS)	No (NS)	U
Insulin detemir	No (NS)	U	ND
Insulin glargine	U	ND	U
Insulin glulisine	U	ND	ND
Insulin lispro	U	ND	U
Interferons	No (NS)	Yes (20-33)	No
Iobenguane	No (NS)	ND	ND
Iodipamide	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Iodixanol	Yes (3.1, 4.2)	L	ND
Ioflupane I-123	ND	ND	ND
Iohexol	Yes (NS)	Yes (15.5)	ND
Iomeprol	Yes (6.8)	L	Yes
Iopamidol	Yes (4.8)	L	Yes
Iopromide	Yes (5.5-6.8)	Yes (8.1-62)	ND
Iosimanol	Yes (8.7)	Yes (30, 33, 49)	L
Iotrolan	Yes (NS)	L	ND
Ioversol	Yes (6.3)	L	ND
Ioxaglic acid	L	Yes (15.5)	ND
Ioxilan	Yes (NS)	L	ND
Ioxitalamic acid	ND	ND	ND
Ipilimumab	U	U	U
Irbesartan	No (NS)	ND	ND
Irinotecan/SN-38	U/U	No (8.5)/ No (8.5)	U/U
Iron dextran	U	No (8.1-10.1)	U
Iron polymaltose complex	U	U	U
Iron saccharate (Sucrose)	U	No (11.1-55)	U
Iron sorbitol-citric acid complex	ND	ND	ND
Iron sucrose (Saccharate)	U	No (11.1-55)	U
Isavuconazonium Sulfate	No (NS)	No (NS)	U
Isocarboxazid	ND	ND	ND
Isoniazid	No (NS)	No (80)	No
Isoprenaline (Isoproterenol)	ND	ND	ND
Isopropanol (Isopropyl alcohol)	Yes (NS)	Yes (NS)	ND
Isopropyl alcohol (Isopropanol)	Yes (NS)	Yes (NS)	ND
Isoproterenol (Isoprenaline)	ND	ND	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Isosorbide dinitrate	No (NS)	ND	No
Isosorbide mononitrate	Yes (NS)	L	No
Isotretinoin	U	U	U
Isradipine	No (NS)	U	No
It Salazosulfapyridine/ sulfapyridine (Sulfasalazine)	No (NS)/ Yes (NS)	No (NS)/ Yes (NS)	ND
Itraconazole	No (NS)	No (65)	U
Ivabradine	ND	ND	U
Ivacaftor	U	U	U
Ivermectin	ND	ND	ND
IVIg (Immune globulin) (Immunoglobulin)	U	U	U
Ixabepilone	ND	ND	ND
Ixazomib	No (NS)	ND	U
Ixekizumab	U	U	U
Japanese encephalitis vaccine	U	U	U
Kanamycin	Yes (NS)	L	Yes
Ketamine	No (NS)	ND	U
Ketoconazole	No (NS)	ND	No
Ketoprofen	U	U	U
Ketorolac	U	U	U
Ketotifen	ND	ND	ND
Labetolol	No (NS)	ND	No
Lacosamide	L	Yes (NS)	U
Lactulose	U	U	U
Lamivudine	No (NS)	No (11.4)	No
Lamotrigine	No (NS)	ND	U
Lanreotide	ND	ND	ND
Lansoprazole	No (NS)	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Lanthanum carbonate	No (NS)	U	U
Lapatinib	U	U	U
Laronidase	U	U	U
L-deprenyl (Selegiline)	ND	ND	ND
Lead/CaNa2EDTA (Calcium disodium versenate) (edetate calcium disodium)	ND	Yes (85)	ND
Ledipasvir	U	U	U
Leflunomide	No (NS)	No (12.5 to 78)	U
Lenalidomide	Yes (NS)	ND	ND
Lenograstim	No (NS)	ND	U
Lenvatinib	U	U	U
Lepirudin	No (4.3-6.2)	Yes (20-90)	ND
Lercanidipine	ND	ND	ND
Lesinurad	U	U	U
Letrozole	ND	ND	ND
Leucovorin (Folinic acid) (Calcium folinate)	ND	ND	ND
Leuprolide	ND	ND	ND
Leuprorelin	ND	ND	ND
Levamisole	ND	ND	ND
Levetiracetam	Yes (NS)	L	No
Levobupivacaine	U	ND	U
Levocarnitine	Yes (NS)	L	ND
Levocetirizine	No (NS)	U	U
Levodopa	U	U	U
Levofloxacin	U	No (>69)	No
Levoleucovorin	ND	ND	ND
Levomethadyl	U	U	U
Levomilnacipran	ND	ND	ND
Levonorgestrel	U	ND	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Levorphanol	ND	ND	ND
Levosimendan	No (6.4)	U	U
Levothyroxine	U	ND	U
Lidocaine (Xylocaine) (Lignocaine)	No (NS)	ND	U
Lignocaine (Xylocaine) (Lidocaine)	No (NS)	ND	U
Linaclotide	U	U	U
Linagliptin	ND	ND	ND
Lincomycin	No (NS)	ND	No
Linezolid	Yes (NS)	Yes (9.3-65)	ND
Liothyronine	ND	ND	ND
Liraglutide	U	U	U
Lisdexamfetamine	ND	ND	ND
Lisinopril	Yes (NS)	Yes (NS)	ND
Lithium	Yes (NS)	Yes (40, 70)	Yes
Lixisenatide	ND	ND	ND
Lomefloxacin	No (NS)	ND	No
Lomitapide mesylate	U	U	U
Lomustine (CCNU)	No (NS)	ND	U
Lonocotocog alfa, antihemophilic factor (recombinant) single chain	ND	ND	ND
Loperamide	ND	ND	ND
Lopinavir	U	No (NS)	U
Loracarbef	Yes (NS)	L	ND
Loratadine	No (NS)	U	No
Lorazepam	No (NS)	ND	U
Lorcaserin	No (NS)	No (NS)	U
Losartan	No (NS)	No (10.1-52)	No
Loteprednol etabonate	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Lovastatin	U	U	U
Loxapine	ND	ND	ND
LSD (Lysergide)	U	ND	U
L-tryptophan	U	No (8.1-40)	ND
Lubiprostone	U	U	U
Lucinactant	U	U	U
Luliconazole	U	U	U
Lumacaftor	U	U	U
Lumefantrine	U	U	U
Lumiracoxib	ND	ND	ND
Lurasidone	U	U	U
Lysergide (LSD)	U	ND	U
Macitentan	U	U	U
Macrogol 3350	U	U	U
Magnesium oxide	L	L	L
Mangafodipir	ND	ND	ND
Mannitol	Yes (NS)	L	Yes
Maprotiline	No (NS)	U	U
Maraviroc	No (NS)	U	ND
Marijuana (THC)	U	ND	U
Mazindol	ND	ND	ND
MDMA (Ecstasy)	ND	ND	ND
Measles, mumps, rubella, varicella vaccine (MMR)	U	U	U
Mebendazole	No (NS)	U	U
Mebeverine	ND	ND	ND
Mecamylamine	ND	ND	ND
Mecasermin	ND	ND	ND
Mechlorethamine (Chlormethine) (Mustine)	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Meclofenamate	U	ND	U
Medroxyprogesterone	U	U	U
Mefenamic acid	No (NS)	U	U
Mefloquine	U	ND	U
Megestrol acetate	ND	ND	ND
Melatonin/6-sulfatoxymelatonin	Yes (NS)	L	ND
Meloxicam	No (NS)	U	U
Melphalan	No (NS)	ND	ND
Memantine	ND	ND	ND
Menadiol	ND	ND	ND
Meningitis B vaccine	U	U	U
Meningococcal vaccine	U	U	U
Menotropins	ND	ND	ND
Mepenzolate	ND	ND	ND
Meperidine/normeperidine (Pethidine)	No (NS)/ ND	No (8.1)/ Yes (8.1)	U/ND
Mepolizumab	U	U	U
Meprobamate	Yes (NS)	L	Yes
Mercaptopurine	Yes (NS)	L	ND
Meropenem	Yes (NS)	Yes (NS)	Yes
Mesalamine (5-ASA) (Mesalazine)	Yes (5.5)	ND	U
Mesalazine (5-ASA) (Mesalamine)	Yes (5.5)	ND	U
Mescaline (Peyote)	U	ND	U
Mesna	ND	ND	ND
Mesoridazine	U	ND	U
Mesterolone	ND	ND	ND
Mestranol	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Mesuximide	ND	ND	ND
Metaproterenol (Orciprenaline)	ND	ND	ND
Metaxalone	ND	ND	ND
Metformin	Yes (NS)	L	ND
Methadone	No (NS)	No (70)	No
Methanol	ND	Yes (NS)	ND
Methaqualone	No (NS)	ND	No
Methenamine (Hexamethylenetetramine) (Hexamine)	ND	ND	ND
Methicillin	No (NS)	U	No
Methimazole	No (NS)	ND	No
Methocarbamol	ND	ND	ND
Methohexital	U	U	U
Methotrexate	Yes (NS)	Yes (20, 60)	Yes
Methotrimeprazine	ND	ND	ND
Methoxsalen	ND	ND	ND
Methoxy polyethylene glycol-epoetin beta	U	U	U
Methscopolamine	ND	ND	ND
Methsuximide	ND	ND	ND
Methyl aminolevulinate HCl	U	U	U
Methylamine	U	No (60)	ND
Methyl dopa	Yes (NS)	L	Yes
Methylergonovine	ND	ND	ND
Methylnaltrexone	ND	ND	ND
Methylphenidate	U	ND	U
Methylphenobarbital	Yes (NS)	Yes (60)	Yes
Methylprednisolone	Yes (NS)	L	ND
Methylsalicylate	ND	Yes (73)	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Methysergide	ND	ND	ND
Metoclopramide	No (NS)	U	No
Metolazone	No (NS)	U	U
Metoprolol/active metabolites	No/Yes (NS)	No/L	ND
Metronidazole	Yes (NS)	Yes (56)	No
Mexiletine	Yes (NS)	L	No
Mezlocillin	Yes (NS)	L	No
Mianserin	No (NS)	ND	ND
Micafungin	U	U	U
Miconazole	No (NS)	U	No
Midazolam	No (NS)	U	U
Midodrine/desglymidodrine	ND	Yes (8.1)	ND
Midostaurin	U	U	U
Mifepristone	U	U	U
Migalastat	ND	ND	ND
Miglitol	ND	ND	ND
Miglustat	ND	ND	ND
Milnacipran	U	U	U
Milrinone	ND	ND	ND
Miltefosine	U	U	U
Minocycline	No (NS)	ND	No
Minoxidil	Yes (NS)	L	Yes
Mipomersen sodium	U	U	U
Mirabegron	U	U	U
Mirtazapine	No (7.5)	ND	U
Misoprostol	U	ND	U
Mithramycin (Plicamycin)	ND	ND	ND
Mitomycin	ND	ND	ND
Mitotane	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Mitoxantrone	No (NS)	U	No
Mivacurium	ND	ND	ND
Moclobemide	No (NS)	ND	U
Modafinil	ND	ND	ND
Moexipril	ND	ND	ND
Molindone	U	ND	U
Mometasone	ND	ND	ND
Montelukast	U	ND	U
Moricizine	U	ND	U
Moroctocog alfa	U	U	U
Morphine	ND	Yes (8.1, 10.1)	No
Moxifloxacin	ND	ND	No
Moxonidine	ND	ND	ND
Muromonab-CD3	U	ND	U
Mustine (Chlormethine) (Mechlorethamine)	U	U	U
Mycophenolate	No (NS)	U	No
Nabilone	ND	ND	ND
Nabumetone	No (NS)	U	U
Nadolol	Yes (NS)	L	ND
Nadroparin	ND	ND	ND
Nafarelin	ND	ND	ND
Nafcillin	No (NS)	ND	No
Nalbuphine	No (NS)	ND	U
Naldemedine	No (NS)	ND	U
Nalidixic acid	U	U	U
Nalmefene	No (4.1-5.9)	U	U
Naloxegol oxalate	No	No (60)	U
Naloxone	ND	ND	ND
Naltrexone	No (NS)	U	U
Nandrolone	ND	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Naproxen	No (NS)	U	U
Naratriptan	ND	ND	ND
Natalizumab	U	U	U
Nateglinide/M1 metabolite	U/Yes (NS)	U/Yes (NS)	U/ND
Nebivolol	U	U	U
Necitumumab	U	U	U
Nedocromil	ND	ND	ND
Nefazodone	U	U	U
Nefopam	No (NS)	ND	ND
Nelarabine	U	U	U
Nelfinavir	U	No (71)	No
Neomycin	Yes (NS)	L	Yes
Neratinib	U	U	U
Nesiritide	U	U	U
Netilmicin	Yes (NS)	L	Yes
Netupitant	U	U	U
Nevirapine	ND	Yes (40)	Yes
Niacin (Vitamin B3) (Nicotinic acid)	ND	ND	ND
Niacinamide (Nicotinamide)	ND	ND	ND
Nicardipine	No (NS)	U	U
Nicorandil	ND	ND	ND
Nicotinamide (Niacinamide)	ND	ND	ND
Nicotine	ND	ND	No
Nicotinic acid (Niacin) (Vitamin B3)	ND	ND	ND
Nifedipine	No (NS)	U	No
Nilotinib	No (NS)	U	U
Nilutamide	ND	ND	ND
Nimodipine	No (NS)	U	No
Nintedanib	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Niraparib	U	U	U
Nisoldipine	No (NS)	U	No
Nitazoxanide	U	U	U
Nitisinone	ND	ND	ND
Nitrazepam	ND	ND	ND
Nitrendipine	No (NS)	U	U
Nitrofurantoin	Yes (NS)	L	ND
Nitroglycerin	No (NS)	ND	No
Nitroprusside	Yes (NS)	L	Yes
Nivolumab	U	U	U
Nizatidine	No (NS)	ND	No
Nomegestrol	ND	ND	ND
Nomifensine	ND	ND	ND
Nonacog alfa	U	U	U
Noradrenaline (Norepinephrine)	ND	ND	ND
Norelgestromin	ND	ND	ND
Norepinephrine (Noradrenaline)	ND	ND	ND
Norethindrone	ND	ND	No
Norethisterone	ND	ND	No
Norfloxacin	No (NS)	ND	U
Norgestimate	U	U	U
Norgestrel	ND	ND	ND
Nortriptyline/10- hydroxynortriptyline	No (NS)	U	No
Nusinersen	U	U	U
Nylidrin (Buphenine)	ND	ND	ND
Nystatin	U	U	U
Obeticholic acid	U	U	U
Obinutuzumab	ND	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Ocrelizumab	U	U	U
Ocriplasmin	U	U	U
Octocog alfa	U	U	U
Octreotide	Yes (NS)	L	ND
Oestradiol (Estradiol)	No (NS)	U	U
Oestriol	ND	ND	ND
Oestrogens, conjugated	ND	ND	ND
Ofatumumab	U	U	U
Ofloxacin	Yes (6.0)	Yes (8.5)	No
Olanzapine	No (NS)	U	No
Olaparib	ND	ND	ND
Olaratumab	U	U	U
Olmesartan	No (NS)	No (NS)	U
Olodaterol	U	U	U
Olsalazine	U	ND	U
Omacetaxine mepesuccinate	U	U	U
Omalizumab	U	U	U
Omapatrilat	No (NS)	ND	ND
Ombitasvir	U	U	U
Omega-3-acid ethyl esters	ND	ND	ND
Omeprazole	U	ND	U
Ondansetron	U	ND	U
Oprelvekin	U	U	U
Orbofiban	Yes (NS)	L	ND
Orciprenaline (Metaproterenol)	ND	ND	ND
Oritavancin	No (NS)	No (NS)	ND
Orlistat	U	U	U
Ornidazole	Yes (NS)	L	No

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Ornipressin	U	U	U
Orphenadrine	ND	ND	ND
Oseltamivir	Yes (2.8-4.0)	Yes (70)	Yes
Osimertinib	U	U	U
Ospemifene	U	U	U
Oxacillin	No (NS)	U	No
Oxaliplatin	ND	Yes (71, NS)	ND
Oxandrolone	U	U	U
Oxaprozin	No (NS)	ND	U
Oxazepam	No (NS)	ND	U
Oxcarbazepine	ND	ND	ND
Oxpentifylline (Pentoxifylline)	U	U	U
Oxprenolol	U	U	U
Oxtriphylline (Choline theophyllinate)	Yes (NS)	L	No
Oxybutynin	ND	ND	ND
Oxycodone	ND	Yes (48)	ND
Oxymetholone	ND	ND	ND
Oxymorphone	U	U	U
Oxytocin	ND	ND	ND
Ozenoxacin	U	U	U
Paclitaxel	No (NS)	U	No
Palbociclib	U	U	U
Palifermin	U	ND	ND
Paliperidone	ND	ND	ND
Palivizumab	U	U	U
Palonosetron	ND	ND	ND
Pamidronate	Yes (6.4)	L	ND
Pancreatic extract	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Pancuronium	ND	ND	ND
Panitumumab	U	U	U
Panobinostat	U	U	U
Pantoprazole	No (5.1)	U	U
Papaverine	U	U	U
Para-aminosalicylate	U	No (30, 60)	U
Paracetamol	Yes (NS)	L	No
Parecoxib (Acetaminophen)	No (NS)	U	U
Paricalcitol	No (5.5)	ND	ND
Paritaprevir	U	U	U
Paromomycin	ND	ND	ND
Paroxetine	No (NS)	U	U
Pasireotide	U	U	U
Patiromer	U	U	U
Pazopanib	U	U	U
PCP (Phencyclidine)	U	ND	U
Pefloxacin	No (NS)	ND	No
Pegademase	U	U	U
Pegaspargase	U	ND	U
Pegfilgrastim	No (NS)	U	U
Peginesatide acetate	U	U	U
Peginterferon alfa-2a	U	No (8.7-33)	U
Peginterferon alfa-2b	U	No (8.7)/ Yes (20-33)	U
Peginterferon beta-1a	No (NS)	ND	U
Pegloticase	U	No (NS)	U
Pegvisomant	U	U	U
Pembrolizumab	U	U	U
Pemetrexed	ND	ND	ND
Pemoline	Yes (NS)	L	No

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Penbutolol	No (NS)	ND	No
Penciclovir	Yes (NS)	L	ND
Penicillamine	Yes (NS)	L	ND
Penicillin	Yes (NS)	L	No
Pentamidine	No (NS)	ND	No
Pentastarch	U	U	U
Pentazocine	Yes (NS)	L	ND
Pentobarbital	No (NS)	ND	U
Pentosan polysulfate	ND	ND	ND
Pentostatin	ND	ND	ND
Pentoxifylline (Oxpentifylline)	U	U	U
Peramivir	Yes (NS)	Yes (NS)	ND
Perampanel	U	U	U
Perflexane	ND	ND	ND
Perflutren	ND	ND	ND
Pergolide	U	U	U
Perhexiline	U	U	U
Pericyazine	ND	ND	ND
Perindopril (Perindoprilat)	Yes (NS)	L	ND
Perindoprilat (Perindopril)	Yes (NS)	L	ND
Perphenazine	U	U	U
Pertuzumab	ND	ND	ND
Pethidine/norpethidine (Meperidine)	No (NS)/ND	No (8.1)/ Yes (8.1)	U/ND
Peyote (Mescaline)	U	ND	U
Phenacetin	ND	ND	ND
Phenazopyridine	ND	ND	ND
Phencyclidine (PCP)	U	ND	U
Phendimetrazine	ND	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Phenelzine	ND	ND	ND
Phenindione	ND	ND	ND
Pheniramine	ND	ND	ND
Phenobarbital	Yes (NS)	Yes (60)	Yes
Phenobarbitone	Yes (NS)	Yes (60)	Yes
Phenoxybenzamine	ND	ND	ND
Phentermine	ND	ND	ND
Phentolamine	ND	ND	ND
Phenylbutazone	No (NS)	U	U
Phenyltoloxamine	ND	ND	ND
Phenytoin	No (NS)	Yes (36, NS)	No
Phytomenadione (Phytonadione) (Vitamin K)	ND	ND	ND
Phytonadione (Phytomenadione) (Vitamin K)	ND	ND	ND
Pibrentasvir	No (NS)	No (NS)	U
Pilocarpine	ND	ND	ND
Pimagedine (Aminoguanidine)	Yes (NS)	ND	ND
Pimavanserin	U	U	U
Pimozide	ND	ND	ND
Pinaverium	U	U	U
Pindolol	ND	ND	ND
Pioglitazone	No (NS)	U	U
Piperacillin	Yes (NS)	L	No
Piperazine estrone (Estropipate)	U	U	U
Pipotiazine	ND	ND	ND
Pirfenidone	No (NS)	No (NS)	ND
Piroxicam	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Pitavastatin	U	U	U
Pivmecillinam	No (NS)	ND	U
Pizotifen (Pizotyline)	U	U	U
Pizotyline (Pizotifen)	U	U	U
Plecanatide	U	U	U
Plerixafor	ND	L	ND
Plicamycin (Mithromycin)	ND	ND	ND
Pneumococcal vaccine	ND	ND	ND
Polidocanol	ND	ND	ND
Polyethylene glycol	U	U	U
Polymyxin B	U	ND	U
Polythiazide	No (NS)	ND	No
Pomalidomide	ND	ND	ND
Ponatinib hydrochloride	U	U	U
Poractant alfa	ND	ND	ND
Porfimer	No (NS)	U	U
Posaconazole	No (NS)	U	U
Pralatrexate	ND	ND	ND
Pralidoxime	ND	ND	ND
Pramipexole	No (NS)	U	U
Pramlintide	ND	ND	ND
Prasterone	U	U	U
Prasugrel	U	U	U
Pravastatin	No (5.3)	ND	ND
Prazepam	No (NS)	ND	U
Praziquantel	No (NS)	ND	ND
Prazosin	No (NS)	U	No
Prednisolone	U	No (NS)	U
Prednisone	No (NS)	ND	No
Pregabalin	Yes (NS)	L	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Primaquine	No (NS)	U	U
Primidone	Yes (NS)	L	ND
Probenecid	U	U	U
Probucol	No (NS)	ND	No
Procainamide/N-acetyl procainamide (NAPA)	Yes (NS)/ Yes (NS)	L/L	No/No
Procarbazine	ND	ND	ND
Prochlorperazine	U	U	U
Procyclidine	ND	ND	ND
Profenamine	ND	ND	ND
Progesterone	U	U	U
Proguanil	No (NS)	U	U
Promazine	U	ND	U
Promethazine	No (NS)	U	U
Propafenone	No (NS)	U	No
Propantheline	ND	ND	ND
Prophenamine (Ethopropazine)	ND	ND	ND
Propiverine	ND	ND	ND
Propofol	U	U	U
Propoxyphene	No (NS)	ND	No
Propranolol/active metabolites	No/Yes (NS)	No/L	No
Propylthiouracil	No (NS)	ND	ND
Prostacyclin (Epoprostenol)	ND	ND	ND
Prostaglandin E2 (Dinoprostone)	ND	ND	ND
Protriptyline	No (NS)	U	No
Prucalopride	U	U	U
Pseudoephedrine	No (NS)	U	U
Psilocybin	ND	ND	ND

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Pyrantel	ND	ND	ND
Pyrazinamide	Yes (NS)	Yes (80)	No
Pyridostigmine	ND	ND	ND
Pyridoxine	ND	Yes (36)	ND
Pyrilamine	ND	ND	ND
Primethamine	ND	ND	ND
Quazepam	U	U	U
Quetiapine	ND	ND	ND
Quinagolide	U	U	U
Quinapril (Quinaprilat)	No (NS)	U	No
Quinaprilat (Quinapril)	No (NS)	U	No
Quinidine	No (NS)	U	No
Quinine	No (NS)	U	No
Quinupristin	ND	ND	No
Rabeprazole	U	U	U
Radium RA-223 dichloride	U	U	U
Raloxifene	U	U	U
Raltegravir	Yes (NS)	L	ND
Raltitrexed	ND	ND	ND
Ramelteon	ND	ND	ND
Ramipril (Ramiprilat)	No (NS)	ND	ND
Ramiprilat (Ramipril)	No (NS)	ND	ND
Ramucirumab	U	U	U
Ranibizumab	U	U	U
Ranitidine	No (NS)	Yes (NS)	No
Ranolazine	ND	ND	ND
Rapacuronium	ND	ND	ND
Rasagiline	ND	ND	ND
Rasburicase	U	U	U
Raxibacumab	U	U	U

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Reboxetine	U	U	U
Recainam	No (NS)	ND	U
Regorafenib	U	U	U
Remifentanil	U	U	U
Repaglinide	U	No (60)	U
Reserpine	No (NS)	U	No
Reslizumab	U	U	U
Retapamulin	U	U	U
Retepase	ND	ND	ND
Retigabine (Ezogabine)	ND	ND	ND
Reviparin	No (NS)	ND	U
Ribavirin	No (NS)	U	U
Ribociclib	ND	ND	ND
Rifabutin	U	No (40)	U
Rifaldazine (Rifampicin) (Rifampin)	No (NS)	No (80)	No
Rifampicin (Rifaldazine) (Rifampin)	No (NS)	No (80)	No
Rifampin (Rifampicin) (Rifaldazine)	No (NS)	No (80)	No
Rifapentine	U	U	U
Rifaximin	U	U	U
Rilmenidine	No (NS)	ND	U
Rilonacept	U	U	U
Rilpivirine	U	U	U
Riluzole	U	U	U
Rimantadine	No (NS)	U	U
Riociguat	ND	ND	ND
Risedronate	ND	ND	ND
Risperidone	ND	ND	ND
Ritodrine	Yes (NS)	L	Yes

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Ritonavir	U	U	No
Rituximab	No (NS)	U	U
Rivaroxaban	U	No (46)	U
Rivastigmine	ND	ND	ND
Rizatriptan	ND	ND	ND
Rocuronium	ND	ND	ND
Roflumilast	U	U	U
Rolapitant	ND	ND	ND
Romidepsin	U	U	U
Romiplostim	ND	ND	ND
Ropinirole	U	U	U
Ropivacaine	U	U	U
Rosiglitazone	No (NS)	U	No
Rosuvastatin	No (NS)	U	U
Rotigotine	U	U	U
Roxithromycin	ND	ND	No
Ruboxistaurin	U	U	U
Rucaparib	ND	ND	ND
Rufinamide	No (NS)	ND	U
Rufloxacin	ND	ND	ND
Rupatadine	U	U	U
Ruxolitinib	No	No	U
Sacrosidase	ND	ND	ND
Sacubitril	ND	ND	ND
Safinamide	ND	ND	ND
Salbutamol (Albuterol)	No (NS)	ND	U
Salcatonin	U	U	U
Salmeterol	ND	ND	ND
Salsalate	Yes (NS)	L	No
Sapropterin	ND	ND	ND

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Saquinavir	U	No (40)	U
Sargramostim	ND	ND	ND
Sarilumab	U	U	U
Saxagliptin	Yes (NS)	Yes (NS)	ND
Sebelipase alfa	U	U	U
Secnidazole	ND	ND	ND
Secobarbital	No (NS)	ND	No
Secretin	ND	ND	ND
Secukinumab	U	U	U
Selegiline (L-deprenyl)	ND	ND	ND
Selexipag	U	U	U
Selumetinib	No (NS)	ND	ND
Serelaxin	ND	Yes (59-85)	ND
Sermorelin (GRF 1-29)	ND	ND	ND
Sertindole	No (NS)	U	U
Sertraline	No (NS)	U	U
Sevelamer	U	U	U
Sevoflurane	ND	ND	ND
Sibutramine	U	U	U
Sildenafil	U	No (65)	U
Silodosin	U	U	U
Siltuximab	U	U	U
Silver sulfadiazine	No (NS)	ND	U
Simeprevir	U	U	U
Simethicone	U	U	U
Simoctocog alfa (Human coagulation factor VIII)	U	U	U
Simvastatin	U	U	U
Sirolimus	No (NS)	U	U
Sisomicin	Yes (NS)	L	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Sitagliptin	No (NS)	ND	ND
Sitaxsentan	U	U	U
Sodium aurothiomalate	U	U	U
Sodium calcium edetate	Yes (NS)	L	Yes
Sodium chondroitin sulfate	ND	ND	ND
Sodium clodronate	ND	Yes (8.1)	No
Sodium cromoglycate	U	U	U
Sodium diatrizoate	L	Yes (NS)	ND
Sodium fusidate	No (NS)	ND	No
Sodium nitroprusside	Yes (NS)	L	Yes
Sodium oxybate	ND	ND	ND
Sodium phenylbutyrate	L	L	L
Sodium picosulfate	ND	ND	ND
Sodium polystyrene sulfonate	U	U	U
Sodium thiosulfate	ND	Yes (NS)	ND
Sodium valproate	No (NS)	Yes (62)	No
Sofosbuvir	No (NS)	No (NS)	U
Solifenacin	U	U	U
Somatropin	No (NS)	U	U
Sonidegib	U	U	U
Sorafenib	No (NS)	Yes (NS)	U
Sotalol	Yes (NS)	L	ND
Sparfloxacin	ND	ND	ND
Spectinomycin	Yes (NS)	L	Yes
Spinosad	U	U	U
Spiramycin	ND	ND	ND
Spirapril (Spiraprilat)	U	ND	U
Spiraprilat (Spirapril)	U	ND	U
Spironolactone	U	ND	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Stanozolol	ND	ND	ND
Stavudine	Yes (NS)	Yes (NS)	ND
Stiripentol	ND	ND	ND
Streptokinase	U	U	U
Streptomycin	Yes (NS)	L	Yes
Streptozocin	ND	ND	ND
Sucrafate	No (NS)	ND	No
Sucroferric oxyhydroxide	U	U	U
Sufentanil	U	U	U
Sugammadex	ND	Yes (52)	ND
Sulbactam	Yes (NS)	L	No
Sulfadiazine	ND	ND	ND
Sulfadoxine	ND	ND	ND
Sulfamethoxazole	Yes (NS)	L	No
Sulfapyridine	Yes (NS)	Yes (NS)	ND
Sulfasalazine (Salazosulfapyridine)	U	U	U
Sulfinpyrazone	No (NS)	U	U
Sulfisoxazole	Yes (NS)	L	Yes
Sulfur hexafluoride lipid-type A microspheres	U	U	U
Sulindac	No (NS)	ND	U
Sulthiame	ND	ND	ND
Sumatriptan	ND	ND	ND
Sunitinib	U	No (NS)	U
Suvorexant	U	U	U
Tacrine	ND	ND	ND
Tacrolimus	No (NS)	U	U
Tadalafil	No (NS)	U	U
Tafluprost	U	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Taliglucerase alfa	ND	ND	ND
Talinolol	No (NS)	ND	ND
Tamilogene laherparepvec	ND	ND	ND
Tamoxifen	ND	ND	ND
Tamsulosin	U	U	U
Tapentadol	U	U	U
Tasimelteon	No (NS)	No (NS)	U
Tavaborole	U	U	U
Tazobactam	Yes (NS)	Yes (NS)	No
TBO-filgrastim	U	U	U
Technetium TC-99M tilmanocept	ND	ND	ND
Tedizolid	No (NS)	No (NS)	U
Teduglutide recombinant	ND	ND	ND
Tefibazumab	No (NS)	ND	U
Tegafur	Yes (NS)	L	ND
Tegaserod	No (NS)	U	U
Teicoplanin	No (NS)	ND	No
Telaprevir	ND	ND	ND
Telavancin	No (NS)	No (NS)	U
Telbivudine	No (NS)	ND	ND
Telithromycin	ND	ND	ND
Telmisartan	No (NS)	ND	U
Telotristat ethyl	U	U	U
Temazepam	No (NS)	U	U
Temocillin	ND	Yes (59, 73)	ND
Temozolomide	ND	ND	ND
Temsirolimus	No (NS)	U	U
Tenecteplase	U	U	U
Teniposide	U	ND	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Tenofovir disoproxil fumarate/tenofovir	ND	Yes (50)	No
Terazosin	No (NS)	U	No
Terbinafine	U	U	U
Terbutaline	ND	ND	ND
Teriflunomide	U	U	U
Teriparatide	ND	ND	ND
Terlipressin	ND	ND	ND
Tesamorelin acetate	U	U	U
Testolactone	ND	ND	ND
Testosterone	No (NS)	U	U
Tetrabenazine	ND	ND	ND
Tetracycline	No (NS)	ND	No
Thalidomide	U	No (65)	U
Thallos chloride	ND	ND	ND
THC (Marijuana)	U	ND	U
Theophylline	Yes (NS)	Yes (59)	No
Thiabendazole	ND	ND	ND
Thiamazole	No (NS)	ND	No
Thiamine (Vitamin B1)	No (NS)	ND	U
Thiethylperazine	ND	ND	ND
Thioguanine	ND	ND	ND
Thiopropazine	ND	ND	ND
Thioridazine	U	U	U
Thiotepa	ND	ND	ND
Thiothixene	U	ND	U
Thrombin alfa	U	U	U
Thyrotropin alfa	U	U	U
Thyroxine	U	ND	U
Tiagabine	No (NS)	U	U

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Tiaprofenic acid	U	U	U
Tibolone	ND	ND	ND
Ticagrelor	U	U	U
Ticarcillin	Yes (NS)	L	No
Ticlopidine	U	U	U
Tigecycline	No (NS)	U	U
Tilidine	No (NS)	ND	U
Tiludronate	U	ND	U
Timolol	No (NS)	ND	No
Tinidazole	Yes (NS)	L	ND
Tinzaparin	U	ND	ND
Tiotropium	ND	ND	ND
Tipiracil	ND	ND	ND
Tipranavir	U	U	U
Tirofiban	Yes (NS)	L	ND
Tizanidine	ND	ND	ND
Tobramycin	Yes (NS)	L	Yes
Tocainide	Yes (NS)	L	ND
Tocilizumab (Atilizumab)	U	U	U
Tocopherol (Vitamin E)	ND	ND	ND
Tofacitinib	No (NS)	No (NS)	U
Tolazamide	U	ND	U
Tolbutamide	No (NS)	ND	U
Tolcapone	U	U	U
Tolmetin	U	U	U
Tolterodine	U	U	U
Tolvaptan	U	U	U
Topiramate	Yes (NS)	Yes (40)	ND
Topotecan	Yes (8.0)	L	ND
Toremifene	U	U	U

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Torsemide	No (NS)	U	U
Tositumomab	U	U	U
Tosufloxacin	No (NS)	ND	ND
Trabectedin	No (NS)	ND	ND
Tramadol	No (NS)	Yes (50)	ND
Tramazoline	ND	ND	ND
Trametinib	ND	ND	ND
Trandolapril (Trandolaprilat)	Yes (NS)	L	ND
Trandolaprilat (Trandolapril)	Yes (NS)	L	ND
Tranexamic acid	ND	ND	ND
Tranylcypromine	ND	ND	ND
Trapidil	ND	ND	ND
Trastuzumab	No (NS)	ND	ND
Trazodone	U	ND	U
Treprostinil	U	U	U
Tretinoin	ND	ND	ND
Triamterene	ND	ND	ND
Triazolam	No (NS)	ND	U
Trientine	ND	ND	ND
Trifluoperazine	No (NS)	U	No
Triflupromazine	U	ND	U
Trifluridine	ND	ND	ND
Trihexyphenidyl (Benzhexol)	ND	ND	ND
Trimebutine	ND	ND	ND
Trimeprazine (Alimemazine)	ND	ND	ND
Trimethobenzamide	ND	ND	ND
Trimethoprim	Yes (NS)	L	No
Trimetrexate	U	U	U
Trimipramine	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Tripolidine	ND	ND	ND
Triptorelin	ND	ND	ND
Trisodium citrate	ND	ND	ND
Tropisetron	U	U	U
Tropium	ND	ND	ND
Trovafloxacin	No (NS)	ND	ND
Tryptophan	U	No (8.1-40)	ND
Turoctocog alfa (Recombinant antihemophilic factor)	U	U	U
Ulipristal	U	U	U
Umeclidinium	U	U	U
Uridine triacetate	ND	ND	ND
Urofollitropin	ND	ND	ND
Ursodeoxycholic acid (Ursodiol)	U	U	U
Ursodiol (Ursodeoxycholic acid)	U	U	U
Ustekinumab	ND	ND	ND
Vaborbactam	ND	Yes (NS)	ND
Valacyclovir	Yes (NS)	L	No
Valbenazine	U	U	U
Valdecoxib	U	U	U
Valganciclovir	Yes (NS)	ND	ND
Valproic acid	No (NS)	Yes (62)	No
Valrubicin	ND	ND	ND
Valsartan	No (NS)	ND	U
Vancomycin	No (NS)	Yes (10.1-60)	Yes
Vandetanib	ND	ND	ND
Vardenafil	ND	ND	ND
Varenicline	Yes (NS)	ND	ND

Drug	HEMODIALYSIS		
	Conventional	High Permeability	Peritoneal Dialysis
Vecuronium	U	ND	U
Vedolizumab	U	U	U
Velaglucerase	U	U	U
Velosulin	U	U	U
Velpatasvir	No (NS)	ND	U
Vemurafenib	U	U	U
Venetoclax	U	U	U
Venlafaxine/ O-desmethylvenlafaxine	No (NS)	U	U
Verapamil	No (NS)	ND	No
Vernakalant	ND	ND	ND
Verteporfin	ND	ND	ND
Vigabatrin	Yes (NS)	L	ND
Vilanterol	U	U	U
Vilazodone	U	U	U
Vildagliptin	ND	ND	ND
Vinblastine	ND	ND	ND
Vincristine	ND	ND	ND
Vinflunine	ND	ND	ND
Vinorelbine	ND	ND	ND
Vismodegib	ND	ND	ND
Vitamin B1 (Thiamine)	No (NS)	ND	U
Vitamin D3 (Cholecalciferol)	U	U	U
Vitamin E (Tocopherol)	ND	ND	ND
Vitamin K (Phytonadione) (Phytomenadione)	ND	ND	ND
Vorapaxar	U	U	U
Voriconazole	No (NS)	No (NS)	No
Vorinostat	ND	ND	ND
Vortioxetine	U	U	U

## 2018 Dialysis of Drugs

Drug	HEMODIALYSIS		Peritoneal Dialysis
	Conventional	High Permeability	
Voxilaprevir	ND	ND	ND
Warfarin	No (NS)	ND	No
Xylocaine (Lidocaine) (Lignocaine)	No (NS)	ND	U
Zafirlukast	U	U	U
Zalcitabine (Dideoxycytidine)	ND	ND	ND
Zaleplon	ND	ND	ND
Zanamivir	ND	ND	ND
Zidovudine/GZDV (Azothymidine) (AZT, ZDV)	No (NS)/ Yes (NS)	ND/ L	No/ Yes (NS)
Zileuton	U	No (8.3, 10.1)	U
Zinc	ND	ND	ND
Ziprasidone	No (NS)	U	U
ZIV-afibercept (Aflibercept)	U	U	U
Zoledronic acid	ND	ND	ND
Zolmitriptan	U	U	U
Zolpidem	No (NS)	U	U
Zonisamide	Yes (NS)	ND	ND
Zopiclone	No (NS)	ND	U
Zoster vaccine recombinant, adjuvanted (Herpes zoster vaccine)	U	U	U
Zuclopenthixol	ND	ND	ND

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