



















Appendix A: Perioperative Medication Management




From: [Perioperative Medication Management – Adult/Pediatric – Inpatient/Ambulatory Clinical Practice Guideline](#)





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Contact information: Philip J. Trapskin, PharmD, Phone Number: (608) 263-1328, PTrapskin@uwhealth.org

Class	Medication	Recommendation	
Acid Suppressants			
Antacids	Non-soluble Aluminum hydroxide Calcium carbonate Magnesium hydroxide Magnesium oxide	Non-soluble: Recommend to hold therapy the day of surgery	
	Soluble Sodium bicarbonate Sodium citrate	Soluble: Recommend to continue regimen throughout the perioperative period	
H ₂ -Receptor Antagonists	Cimetidine Famotidine Nizatidine Ranitidine	It is reasonable to continue regimen throughout the perioperative period	
Proton pump inhibitors	Dexlansoprazole Esomeprazole Lansoprazole Omeprazole Omeprazole/sodium bicarbonate Pantoprazole Rabeprazole	Parathyroid surgery: Recommend to hold 7 days prior to and day of surgery and post-operatively until directed to resume by surgeon.	
		All other surgeries: Recommend to continue regimen throughout the perioperative period	
Allergen-specific Immunotherapy			
	Peanut allergen powder	Recommend to coordinate perioperative medication management plan with surgeon and prescribing physician	
Alpha₁ blockers			
Alpha ₁ blockers	Alfuzosin Doxazosin Phenoxybenzamine Phentolamine Prazosin Silodosin Tamsulosin Terazosin	Cataract surgery: Recommend to coordinate perioperative medication management plan with surgeon All other surgeries: Recommend to continue regimen throughout the perioperative period	 
Alpha₂-adrenergic agonists			
Alpha ₂ - agonists	Clonidine Guanfacine Lofexidine Methyldopa Tizanidine	Recommend to continue regimen throughout the perioperative period	
Analgesics			

Class	Medication	Recommendation		
	Acetaminophen	It is reasonable to continue regimen throughout the perioperative period		
N-type calcium channel blocker	Ziconotide	It is reasonable to continue regimen throughout the perioperative period. Any interruptions in therapy (holding or discontinuing) should be coordinated with prescribing provider.		
Nonsteroidal anti-inflammatory drugs (NSAIDs)	Aspirin Celecoxib Choline magnesium trisalicylate Diclofenac Diflunisal Etodolac Fenoprofen Flurbiprofen Ibuprofen Indomethacin Ketoprofen	Ketorolac Magnesium salicylate Meclofenamate Mefenamic acid Meloxicam Nabumetone Naproxen Oxaprozin Piroxicam Salsalate Sulindac Tolmetin	For aspirin recommendations, refer to the Anti-platelet section. For non-aspirin NSAIDs, coordinate with surgeon and prescribing provider.	
Opioid agonists	Alfentanil Codeine Fentanyl Hydrocodone Hydromorphone Levorphanol Meperidine Methadone Morphine sulfate	Opium Oxycodone Oxymorphone Paregoric Remifentanyl Sufentanil Tapentadol Tramadol	Recommend to continue chronic opioid regimen throughout the perioperative period, unless reduction or discontinuation is part of the perioperative analgesic plan. Abrupt discontinuation of opioids may cause withdrawal symptoms and/or increased pain	
Opioid partial agonists	Buprenorphine Buprenorphine injection Buprenorphine/naloxone (Suboxone®) Butorphanol Morphine sulfate/naltrexone Nalbuphine Pentazocine		Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing physician	
Anorexiants				
Serotonin 2C receptor agonists	Lorcaserin	Recommend to hold therapy 7 days prior to surgery and postoperatively until directed to resume by surgeon		
Sympathomimetic anorexiants	Benzphetamine Diethylpropion			Phendimetrazine Phentermine
Anti-addiction Agents (see also "Opioid partial agonists" above)				
Antialcoholic agents	Acamprosate calcium Disulfiram	Acamprosate: Recommend to continue regimen throughout the perioperative period		
		Disulfiram: Recommend to hold 7 to 14 days prior to surgery		
Opioid Antagonist	Naltrexone	Recommend to hold oral naltrexone for 1 week prior to surgery and intramuscular naltrexone for 4 weeks prior to surgery Recommend coordination of post-operative pain management plan with anesthesiologist, surgeon, and primary care physician in order to minimize use of opioids		


Class	Medication	Recommendation	
Nicotine replacement	Nicotine gum, lozenges, patches, inhalers	Recommend abstinence from smoking in the perioperative period Recommend to coordinate nicotine replacement perioperative medication management plan with surgeon. If used the day of surgery, gum and lozenges should not be used within 2 hours of procedure	
Anti-Dementia (Alzheimer's) Agents			
Cholinesterase inhibitors	Donepezil Galantamine Rivastigmine	Recommend to continue cholinesterase inhibitors with the knowledge that adjustments to neuromuscular blocking drugs may be necessary	
NMDA receptor antagonist	Memantine	It is reasonable to continue regimen throughout the perioperative period	
Anti-arrhythmics			
Anti-arrhythmics	Amiodarone Disopyramide Dofetilide Dronedaron Flecainide Ibutilide	Lidocaine (systemic) Mexiletine Procainamide Propafenone Quinidine	Electrophysiology surgeries/procedures Recommend to coordinate perioperative medication management plan with cardiologist and prescribing provider
			Non-electrophysiology surgeries/procedures Recommend to continue regimen throughout the perioperative period
Anti-cholinergics			
Anti-cholinergics	Cyclizine Dimenhydrinate Diphenhydramine	Meclizine Scopolamine Trimethobenzamide	It is reasonable to continue anti-cholinergics throughout the perioperative period, unless a patient-specific perioperative management plan was provided by the surgeon.
Anti-coagulants			
Anticoagulants	Antithrombin Apixaban Betrixaban Argatroban Bivalirudin Dabigatran Dalteparin	Desirudin Edoxaban Enoxaparin Fondaparinux Heparin Rivaroxaban Warfarin	Recommend to coordinate perioperative medication management including any plan for neuraxial analgesia with surgeon, anesthesiologist and prescribing provider Refer to Management of Antithrombotic Therapy in the Setting of Perioperative, Regional Anesthesia and/or Pain Procedures Clinical Practice Guideline




Anti-convulsants				
Anticonvulsants	Acetazolamide Brivaracetam Cannabidiol (Epidiolex) Carbamazepine Cenobamate Divalproex Eslicarbazepine Felbamate Lacosamide Lamotrigine	Levetiracetam Oxcarbazepine Perampanel Primidone Rufinamide Stiripentol Tiagabine Topiramate Valproic acid Vigabatrin	<p>Planned Neuromonitoring or Neuromapping Recommend to coordinate anticonvulsant perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider</p> <p>All other Procedures Recommend to continue anticonvulsant regimens throughout the perioperative period.</p>	
Anticonvulsants (GABA analogues)	Gabapentin	Pregabalin		
Hydantoins	Ethotoin Fosphenytoin	Phenytoin		
Potassium Channel Openers	Ezogabine			
Succinimides	Ethosuximide	Methsuximide		
Sulfonamides	Zonisamide			
Anti-diabetic agents				
Alpha-glucosidase inhibitor	Acarbose Miglitol		<p>Refer to:</p> <ul style="list-style-type: none"> Diabetes Medication Adjustment: Ambulatory Procedures Diabetes Medication Adjustment: Inpatient Procedures 	
Amylinomimetic	Pramlintide			
Biguanide	Metformin			
Dipeptidyl Peptidase IV Inhibitor	Alogliptin Linagliptin	Saxagliptin Sitagliptin		
Glucagon-Like Peptide-1 Receptor Agonist	Albiglutide Dulaglutide Exenatide	Liraglutide Lixisenatide Semaglutide		
Insulin	Insulin Aspart Insulin Degludec Insulin Detemir Insulin Glargine	Insulin Isophane Insulin Lispro Insulin Regular		
Meglitinide Analog	Nateglinide Repaglinide			
Sodium-Glucose Cotransporter-2 Inhibitor	Canagliflozin Dapagliflozin	Empagliflozin Ertugliflozin		
Sulfonylurea	Chlorpropamide Glimepiride Glipizide	Glyburide Tolazamide Tolbutamide		
Thiazolidinedione	Pioglitazone	Rosiglitazone		
Anti-dopaminergics				
Antidopaminergics	Chlorpromazine Amisulpride	Metoclopramide Perphenazine	It is reasonable to continue regimen in the perioperative period	
Anti-emetics				
5HT3 antagonists	Alosetron Dolasetron Granisetron	Ondansetron Palonosetron	It is reasonable to continue regimen in the perioperative period	
Phenothiazine	Prochlorperazine	Promethazine		
Substance P/Neurokinin 1 receptor antagonist	Aprepitant Fosaprepitant Fosnetupitant	Netupitant Rolapitant		


Anti-glaucoma ophthalmics				
Miotics, Cholinesterase Inhibitors	Acetylcholine Carbachol	Echothiophate Iodide Pilocarpine	Recommend to continue cholinesterase inhibitors with the knowledge that adjustments to neuromuscular blocking drugs may be necessary.	
Alpha Adrenergic Agonists	Apraclonidine	Brimonidine	Recommend to continue ophthalmic alpha adrenergic agonist, beta-adrenergic blocking agent (beta-blockers), carbonic anhydrase inhibitor docosanoid, synthetic, and prostaglandin analogue regimens throughout the perioperative period	
Beta-Adrenergic Blocking Agents (Beta-Blockers)	Betaxolol Carteolol Levobunolol	Metipranolol Timolol		
Carbonic Anhydrase Inhibitors	Brinzolamide Dorzolamide			
Prostaglandin Analogues	Bimatoprost Latanoprost Latanoprostene bunod	Tafuprost Travoprost		
Rho kinase inhibitor	Netarsudil			
Unoprostone Isopropyl	Unoprostone Isopropyl			
Anti-histamines				
Peripherally selective	Cetirizine Desloratadine Fexofenadine	Loratadine Levocetirizine	Recommend to continue regimen throughout the perioperative period	
Nonselective	Brompheniramine Carbinoxamine Chlorcyclizine Chlorpheniramine Clemastine Cyproheptadine	Dexbrompheniramine Dexchlorpheniramine Diphenhydramine Doxylamine Hydroxyzine Triprolidine		
Anti-hyperlipidemia agents (non-statins)				
	Alirocumab Bempedoic acid Cholestyramine Colesevelam Colestipol Evolocumab	Ezetimibe Fenofibrate Gemfibrozil Niacin Lomitapide Mipomersen	Recommend to hold therapy 24 hours prior to surgery and day of surgery to reduce risk of rhabdomyolysis and gastrointestinal obstruction	
Statins (HMG-CoA Reductase Inhibitors)				
Statins	Atorvastatin Fluvastatin Lovastatin	Pravastatin Rosuvastatin Simvastatin	Recommend to continue regimen throughout the perioperative period, particularly in patients at high risk for cardiovascular disease	






Anti-infectives			
Amebicides	Iodoquinol (Yodoxin)		<p>Active infection: Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider</p> <p>Infection Prophylaxis: Recommend to coordinate anti-infectives for prophylaxis indications with surgeon and prescribing provider</p>
Aminoglycosides (oral)	Neomycin	Paromomycin	
Aminoglycosides (parenteral)	Amikacin Gentamicin Plazomicin	Streptomycin Tobramycin	
Anthelmintics	Albendazole (Albenza) Ivermectin (Stromectol) Moxidectin	Praziquantel (Biltricide) Pyrantel (Pin-X) Triclabendazole	
Antibiotic Combinations	Erythromycin/Sulfisoxazole Sulfamethoxazole/Trimethoprim		
Antifungal (Allylamine)	Terbinafine Anidulafungin Caspofungin Flucytosine Griseofulvin Miconazole Ketoconazole	Amphotericin B Nystatin Fluconazole Isavuconazonium Itraconazole Posaconazole Voriconazole	
Antimalarial	Chloroquine Hydroxychloroquine Artemether/Lumefantrine Atovaquone/Proguanil	Primaquine Quinine sulfate Pyrimethamine Mefloquine Tafenoquine	
Antiprotozoals	Atovaquone Miltefosine Nitazoxanide	Pentamidine Tinidazole	
Antiretroviral agents	Abacavir Atazanavir Bictegravir Cobicistat Darunavir Delavirdine Didanosine Dolutegravir Doravirine Efavirenz Elvitegravir Emtricitabine Enfuvirtide Etravirine Fosamprenavir Ibalizumab Indinavir	Lamivudine Lopinavir Maraviroc Nefinavir Nevirapine Raltegravir Rilpivirine Ritonavir Saquinavir Stavudine Tenofovir Tipranavir Zidovudine Any antiretroviral combination product	
Antituberculosis Agents	Aminosalicyclic acid Bedaquiline Capreomycin Cycloserine Ethambutol Ethionamide Isoniazid	Pretomanid Pyrazinamide Rifabutin Rifampin Rifapentine Streptomycin	

























Antiviral Agents	Adefovir Amantadine Acyclovir Baloxavir Boceprevir Cidofovir Daclatasvir Elbasvir/grazoprevir Entecavir Famciclovir Foscarnet Ganciclovir Glecaprevir/pibrentasvir Ledipasvir/Sofosbuvir	Letermovir Ombitasvir/Paritaprevir/Ritonavir/Dasabuvir Oseltamivir Peramivir Ribavirin Rimantadine Simeprevir Sofosbuvir Tecovirimat Telaprevir Telbivudine Valacyclovir Valganciclovir Velpatasvir Voxilaprevir Zanamivir	<p>Active infection: Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider</p> <p>Infection Prophylaxis: Recommend to coordinate anti-infectives for prophylaxis indications with surgeon and prescribing provider</p>	
Bacitracin	Bacitracin			
Carbapenems	Doripenem Ertapenem Imipenem/Cilastatin	Meropenem Meropenem/vaborbactam		
Cephalosporins	Cefaclor Cefadroxil Cefazolin Cefdinir Cefditoren Cefepime Cefiderocol Cefixime Cefotaxime Cefotetan	Cefoxitin Cefpodoxime Cefprozil Ceftaroline Ceftazidime Ceftazidime/Avibactam Ceftriaxone Cefuroxime Cephalexin		
	Chloramphenicol			
	Colistimethate			
Fluoroquinolones	Ciprofloxacin Delafloxacin Gemifloxacin Levofloxacin	Moxifloxacin Norfloxacin Ofloxacin (drops) Ozenoxacin		
Folate Antagonists	Trimethoprim			
Glycylcyclines	Tigecycline			
Ketolides	Telithromycin			
Leprostatics	Dapsone			
Lincosamides	Clindamycin	Lincomycin		
Lipoglycopeptides	Dalbavancin Oritavancin	Telavancin		
Lipopeptides	Daptomycin			
Macrolides	Azithromycin Clarithromycin	Erythromycin Fidaxomicin		
Methenamines	Methenamine Hippurate Methenamine Mandelate			
Miscellaneous	Benznidazole Fosfomycin Lefamulin	Metronidazole Rifamycin Secnidazole		
Monobactams	Aztreonam			
Monoclonal antibodies	Bezlotoxumab			
Nitrofurans	Nitrofurantoin			
Oxazolidinones	Linezolid	Tedizolid		














Penicillins	Amoxicillin Amoxicillin/Clavulanate Ampicillin Ampicillin/sulbactam Dicloxacillin Nafcillin	Oxacillin Penicillin G Penicillin V Piperacillin/Tazobactam Ticarcillin/Clavulanate	<p>Active infection: Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider</p> <p>Infection Prophylaxis: Recommend to coordinate anti-infectives for prophylaxis indications with surgeon and prescribing provider</p>	
	Polymyxin B Sulfate			
	Rifaximin			
Streptogramins	Quinupristin/Dalfopristin			
Sulfadiazine	Sulfadiazine			
Tetracyclines	Demeclocycline Doxycycline Eravacycline Minocycline	Omadacycline Sarecycline Tetracycline		
Vancomycin	Vancomycin			
Anti-over active bladder agents				
Anticholinergic	Oxybutynin		<p>It is reasonable to continue regimen throughout the perioperative period</p>	
Muscarinic receptor antagonist	Darifenacin Fesoterodine Solifenacin	Tolterodine Trospium		
M3 muscarinic agonist	Mirabegron			
Phosphodiesterase inhibitor	Flavoxate			
Anti-neoplastics				
Alkylating Agents	Altretamine Busulfan Carmustine Chlorambucil Dacarbazine Estramustine	Ifosfamide Lomustine Mechlorethamine Melphalan Streptozocin Thiotepa	<p>Recommend to coordinate antineoplastic perioperative medication management plan with surgeon and prescribing provider</p>	
Anthracenedione	Mitoxantrone			
Antibody-Drug Conjugates	ADO-Trastuzumab Brentuximab Vedotin Emtansine	Enfortumab vedotin Fam-trastuzumab deruxtecan Polatuzumab vedotin		
Antimetabolites	Allopurinol Capecitabine Cladribine Clofarabine Cytarabine Floxuridine Fludarabine Fluorouracil	Gemcitabine Mercaptopurine Methotrexate Pemetrexed Pentostatin Pralatrexate Rasburicase Thioguanine		
Antimitotic agents	Cabazitaxel Docetaxel Eribulin Ixabepilone	Paclitaxel Vinblastine Vincristine Vinorelbine		
Antineoplastic Antibiotics	Bleomycin Dactinomycin Daunorubicin Doxorubicin	Epirubicin Idarubicin Mitomycin Valrubicin		
BCL-2 Inhibitor	Venetoclax			
Biologic Response Modifiers	Aldesleukin	BCG live		
Cytoprotective Agents	Amifostine Dexrazoxane Leucovorin	Levoleucovorin Mesna		















DNA Demethylation Agents	Azacitidine Decitabine Nelarabine		Recommend to coordinate antineoplastic perioperative medication management plan with surgeon and prescribing provider	
DNA Topoisomerase Inhibitors	Irinotecan Topotecan			
Enzymes	Asparaginase Calaspargase	Pegaspargase		
Epipodophyllotoxin	Etoposide	Teniposide		
EZH2-Inhibitor	Tazemetostat			
Histone Deacetylase Inhibitors	Belinostat Panobinostat	Romidepsin Vorinostat		
Hormones	Abiraterone Anastrozole Apalutamide Bicalutamide Buserelin Darolutamide Enzalutamide Exemestane Flutamide Fulvestrant	Goserelin Histelin Letrozole Leuprolide Medroxyprogesterone Megestrol Nilutamide Tamoxifen Toremifene Triptorelin		
Hedgehog Pathway Inhibitor	Glasdegib Sonidegib	Vismodegib		
Imidazotetrazone derivatives	Temozolomide			
Kinase inhibitors	Abemaciclib Acalabrutinib Afatinib Alectinib Alpelisib Axitinib Binimetinib Bosutinib Brigatinib Cabozantinib Ceritinib Cobimetinib Copanlisib Crizotinib Dabrafenib Dacomitinib Dasatinib Duvelisib Encorafenib Enasidenib Entrectinib Erdafitinib Erlotinib Everolimus Gefitinib Gilteritinib	Ibrutinib Idelalisib Imatinib Ivosidenib Lapatinib Lenvatinib Lorlatinib Larotrectinib Midostaurin Neratinib Nilotinib Osimertinib Palbociclib Pazopanib Pexidartinib Ponatinib Regorafenib Ribociclib Ruxolitinib Sorafenib Sunitinib Temsirolimus Trametinib Vandetanib Vemurafenib Zanubrutinib		
Methylhydrazine derivatives	Procarbazine			
Miscellaneous Antineoplastics	Arsenic Trioxide Mitotane Porfimer Sipuleucel-T	Sterile Talc Powder Trabectedin Trifluridine/tipiracil		
Monoclonal antibodies	Alemtuzumab Atezolizumab Avapritinib Avelumab Bevacizumab (and biosimilars) Blinatumomab	Ipilimumab Mogamulizumab Moxetumomab Necitumumab Nivolumab Obinutuzumab Ofatumumab		








	Brolucizumab Cemiplimab Cetuximab Daratumumab Dinutuximab Elotuzumab Gemtuzumab Ibritumomab Inotuzumab	Olaratumab Panitumumab Pertuzumab Ramucirumab Rituximab (and biosimilars) Tagraxofusp Trastuzumab (and biosimilars)	Recommend to coordinate antineoplastic perioperative medication management plan with surgeon and prescribing provider	
PARP Enzymes Inhibitor	Niraparib Olaparib	Rucaparib Talazoparib		
Platinum Coordination Complex	Carboplatin Cisplatin Oxaliplatin			
Proteasome Inhibitors	Bortezomib Carfilzomib	Ixazomib		
Protein Synthesis Inhibitor	Omacetaxine			
Radiopharmaceuticals	Lutetium Lu-177 Radium Ra-223 Samarium Sm-153 Sodium Iodide I-131 Strontium-89 Chloride			
Retinoids	Tretinoin Trifarotene			
Rexinoids	Bexarotene			
Substituted Ureas	Hydroxyurea			
Vascular Endothelial Growth Factor	ZIV-Aflibercept			
Anti-osteoporosis Agents				
Bisphosphonates	Alendronate Etidronate Ibandronate Pamidronate	Risedronate Tiludronate Zoledronic Acid	Dental surgeries: Recommend to coordinate anti-osteoporosis perioperative medication management plan with surgeon and prescribing provider All other surgeries: Recommend to hold bisphosphonate therapy the day of surgery and postoperatively until directed to resume by surgeon and to coordinate perioperative calcitonin and denosumab medication management plan with surgeon and prescribing provider	 
Calcitonin-salmon	Calcitonin-salmon			
Denosumab	Denosumab			
Romozosumab	Romozosumab			
Anti-Parkinson's Agents				
Antiparkinson agents	Amantadine Apomorphine Belladonna alkaloids Benzotropine Bromocriptine Carbidopa Carbidopa/Levodopa Carbidopa/Levodopa/Entacapone	Istradefylline Entacapone Pramipexole Rasagiline Ropinirole Rotigotine Selegiline Tolcapone	Recommend to continue regimen throughout the perioperative period	
Anti-platelets				
Antiplatelet agents	Anagrelide Dipyridamole Dipyridamole/Aspirin Cangrelor Cilostazol Clopidogrel	Prasugrel Ticagrelor Ticlopidine Vorapaxar	Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider (e.g. interventional)	

			cardiologist, neurosurgeon, vascular surgeon)	
Anti-psychotics				
1 st generation – Typical	Chlorpromazine Fluphenazine Haloperidol Loxapine Perphenazine	Pimozide Prochlorperazine Thioridazine Thiothixene Trifluoperazine	Recommend to continue regimen throughout the perioperative period	
2 nd generation – Atypical	Aripiprazole Asenapine Brexipiprazole Cariprazine Clozapine Iloperidone Lumateperone	Lurasidone Olanzapine Paliperidone Pimavanserin Quetiapine Risperidone Ziprasidone		
Antirheumatic Agents				
Janus associated kinase (JAK) inhibitors	Baricitinib Fedratinib Ruxolitinib Tofacitinib Upadacitinib	Orthopedic surgery: Recommend to hold therapy 48 hours prior to surgery and resume 7-14 days post-operatively if there are no signs or symptoms of infection and incisions are healing well		
		All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider		
Antimetabolites	Methotrexate	Orthopedic surgery: Recommend to continue regimen throughout the perioperative period		
		All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider		
Anti-TNF-alpha agents	Adalimumab (and biosimilars) Certolizumab Etanercept (and biosimilars) Golimumab Infliximab (and biosimilars)	Orthopedic surgery: Recommend to hold etanercept 2 weeks prior to surgery		
		Orthopedic surgery: Recommend to coordinate all other anti-TNF-alpha agent perioperative medication management plan with surgeon and prescribing provider		
		All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider		
Gold compounds	Auranofin Gold sodium thiomalate	Orthopedic surgery: Recommend to continue regimen throughout the perioperative period		
		All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider		

Interleukin-6 blockers	Tocilizumab		Orthopedic surgery: Recommend to <ul style="list-style-type: none"> hold subcutaneous tocilizumab 3 weeks prior to surgery hold intravenous tocilizumab 4 weeks prior to surgery 	
			All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Interleukin-1 blockers	Anakinra		Orthopedic surgery: Recommend to hold subcutaneous anakinra 7 days prior to surgery	
			All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Phosphodiesterase -4 enzyme inhibitor	Apremilast		Orthopedic surgery: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
			All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Pyrimidine synthesis inhibitors	Leflunomide		Orthopedic surgery: Recommend to hold 14 days prior to surgery	
			All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Selective T-cell costimulation blocker	Abatacept		Orthopedic surgery: Recommend to hold subcutaneous abatacept 2 weeks prior to surgery and intravenous abatacept 4 weeks prior to surgery	
			All other surgeries: Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Beta-blockers				
Beta-Adrenergic Blocking Agents (Beta-Blockers)	Acebutolol Atenolol Betaxolol Bisoprolol Esmolol Metoprolol Nadolol	Nebivolol Penbutolol Pindolol Propranolol Sotalol Timolol	Recommend to continue beta-blocker regimens throughout the perioperative period unless contraindicated by hemodynamic instability or profound bronchospasm	
Alpha/Beta-Adrenergic Blocking Agents	Carvedilol Labetalol			
Benzodiazepines				
Benzodiazepines	Alprazolam Chlordiazepoxide Clobazam Clonazepam	Clorazepate Diazepam Lorazepam Oxazepam	Recommend to continue regimen throughout the perioperative period	







Calcium Channel Blockers			
Calcium channel blockers	Amlodipine Clevidipine Diltiazem Felodipine Isradipine	Nicardipine Nifedipine Nimodipine Nisoldipine Verapamil	Recommend to continue regimen throughout the perioperative period 
Cardiovascular Agents – Miscellaneous			
Alpha ₁ -Agonist	Midodrine	Recommend to continue regimen throughout the perioperative period	
Cardiac Glycoside	Digoxin	Recommend to continue regimen throughout the perioperative period	
Central Monoamine-Depleting Agent	Deutetrabenazine Reserpine Tetrabenazine Valbenazine	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Cyclic nucleotide-gated (HCN) channels (f-channels)	Ivabradine	Recommend to continue regimen throughout the perioperative period	
Dopamine Agonist	Fenoldopam	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Ganglionic Blocker	Mecamylamine	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Inotropics	Inamrinone Milrinone	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Inward sodium channel inhibitor	Ranolazine	Recommend to continue regimen throughout the perioperative period	
Potassium removing resins	Patiromer Sodium polystyrene sulfonate Sodium zirconium cyclosilicate	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Transthyretin stabilizer	Tafamidis	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon and prescribing provider	
Central Nervous System – Miscellaneous			
Antianxiety agent	Buspirone Meprobamate	Recommend to continue regimen throughout the perioperative period	
Antidepressants	Bupropion Nefazodone hydrochloride Trazodone Vortioxetine	Recommend coordination of perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider	







Anticholinesterase muscle stimulants	Edrophonium Neostigmine Pyridostigmine	Recommend coordination of perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider		
Antioxidants	Edaravone	Recommend coordination of perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider		
Antisense Oligonucleotide	Eteplirsen Golodirsen Inotersen Nusinersin	Recommend to coordinate antisense oligonucleotide management plan with anesthesiologist, surgeon, and prescribing provider		
Cholinergic muscle stimulant	Guanidine	Recommend coordination of perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider		
CNS stimulants	Amphetamine Armodafinil Caffeine Dexmethylphenidate Dextroamphetamine	Doxapram Lisdexamfetamine Methamphetamine Methylphenidate Modafinil	Armodafinil, Modafinil: Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
			All other CNS stimulants: Recommend to continue regimen throughout the perioperative period	
Dopamine and Norepinephrine Reuptake Inhibitor	Solriamfetol	Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider		
Glutamate Inhibitor	Riluzole	Recommend to continue regimen throughout the perioperative period		
Lithium	Lithium	Recommend to continue regimen throughout the perioperative period		
Miscellaneous psychotherapeutic agents	Atomoxetine Sodium oxybate	Atomoxetine: Recommend to continue regimen throughout the perioperative period		
		Pitolisant, Sodium oxybate: Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider		
Mixed 5HT _{1A} agonist/5HT _{2A} antagonist	Flibanserin	Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider		
NMDA Antagonist	Esketamine	Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider		
Partial neuronal α4 β2 nicotinic receptor agonist	Varenicline	Recommend to hold therapy the day of surgery and post-operatively until directed to resume by surgeon		












Potassium Channel Blocker	Amifampridine Dalfampridine		Recommend to continue regimen throughout the perioperative period	
Tripeptidyl peptidase-1 (TPP-1) analog	Cerliponase alfa		Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider	
Corticosteroid				
Corticosteroid	Betamethasone Budesonide Cortisone Cosyntropin Deflazacort Dexamethasone	Hydrocortisone Fludrocortisone Methylprednisolone Prednisolone Prednisone Triamcinolone	Recommend to continue regimen throughout the perioperative period	
Diuretics				
Carbonic anhydrase inhibitors	Acetazolamide Methazolamide		Heart failure of volume overload indication: Recommend to coordinate diuretic perioperative management plan with anesthesiologist, surgeon, and prescribing provider Hypertension indication: Recommend to hold diuretic the day of surgery	 
Diuretic Combinations	Amiloride/Hydrochlorothiazide Spironolactone/ Hydrochlorothiazide Triamterene/ Hydrochlorothiazide			
Loop Diuretics	Bumetanide Ethacrynic Acid	Furosemide Torsemide		
Osmotic	Mannitol			
Potassium Sparing	Amiloride Spironolactone	Triamterene		
Thiazides	Chlorothiazide Chlorthalidone Hydrochlorothiazide	Indapamide Methyclothiazide Metolazone		
Estrogens and Progestins – Miscellaneous				
Estrogen	Conjugated Estrogens Ethinyl Estradiol Estradiol valerate Esterified Estrogens	Estradiol Estradiol Cypionate Estropipate	Recommend to coordinate perioperative management plan with surgeon, and prescribing provider	
Progestins	Desogestrel Drospirenone Etonogestrel Ethinodiol Diacetate Hydroxyprogesterone caproate Levonorgestrel Medroxyprogesterone acetate	Megestrol Acetate Norelgestromin Norgestimate Norgestrel Norethindrone Acetate Progesterone Segesterone Ulipristal		
Selective Estrogen Receptor Modulator	Bazedoxifene Clomiphene Citrate	Ospemifene Raloxifene		
Endocrine and Metabolic Agents – Miscellaneous				
4-Hydroxyphenylpyruvate dioxygenase inhibitor	Nitisinone		It is reasonable continue regimen throughout the perioperative period.	
5-Alpha Reductase Inhibitor	Dutasteride Finasteride			
Anabolic Steroid	Oxymetholone			
Androgens	Danazol Oxandrolone Fluoxymesterone	Methyltestosterone Testosterone		
Anti-androgen	Cyproterone	Dienogest		
Antithyroid Agents	Methimazole Propylthiouracil	Sodium Iodide		
Betaine Anhydrous	Betaine Anhydrous			









Bile Acids	Cholic Acid	
Bromocriptine Mesylate	Bromocriptine Mesylate	
Cabergoline	Cabergoline	
Calcimimetics	Cinacalcet	Etelcalcetide
Carglumic acid	Carglumic acid	
Chelating Agent	Deferasirox Deferiprone	Deferoxamine
Cysteamine	Cysteamine	
Cystic fibrosis transmembrane conductance regulator potentiator	Elexacaftor Ivacaftor Lumacaftor Tezacaftor	
Detoxification agents	Dimercaprol Edetate Calcium Disodium Pentetate Calcium Trisodium Pentetate Zinc Trisodium	Prussian Blue (Ferric Hexacyanoferrate) Succimer (DMSA) Trientine Hydrochloride
Enzyme replacement	Asfotase Agalsidase Beta Alglucosidase alfa Elosulfase alfa Galsulfase Idursulfase	Imiglucerase Laronidase Sebelipase Taliglucerase Alfa Velaglucerase alfa
Farnesoid X receptor agonist	Obeticholic acid	
Glucosylceramide Synthase Inhibitor	Eliglustat Miglustat	
Glycerol Phenylbutyrate	Glycerol Phenylbutyrate	
Gonadotropin Releasing Hormone Agonist	Nafarelin	
Gonadotropin Releasing Hormone Antagonist	Cetorelix Degarelix	Elagolix Ganirelix
Growth Hormone	Somatropin	
Growth Hormone Agonists	Macimorelin	
Insulin-like growth factor	Mecasermin	
Lipodystrophy agents	Metreleptin Tesamorelin	
Lipolytic	Deoxycholic acid	
Ovulation Stimulator	Choriogonadotropin Alfa Chorionic Gonadotropin Follitropin alfa	Follitropin beta Lutropin Alpha Menotropins Urofollitropin
Melanocortin receptor agonist	Bremelanotide	
Parathyroid hormone analogues	Abaloparatide Parathyroid	Teriparatide
Pegvisomant	Pegvisomant	
Pharmacologic Chaperone	Migalastat	
Phenylketonuria agents	Sapropterin Dichloride	









Phosphate Binders	Lanthanum	Sevelamer		
Posterior Pituitary Hormones	Desmopressin Vasopressin			
Selective Estrogen Receptor Modulator	Bazedoxifene Clomiphene Citrate	Ospemifene Raloxifene		
Sodium Benzoate and Sodium Phenylacetate	Sodium Benzoate and Sodium Phenylacetate			
Sodium Phenylbutyrate	Sodium Phenylbutyrate			
Somatostatin Analogs	Lanreotide Octreotide	Pasireotide		
Thyroid Drugs	Potassium Iodide Levothyroxine Sodium Liothyronine Sodium	Liotrix Thyroid Desiccated		
Tryptophan hydroxylase inhibitors	Telotristat			
Uridine Triacetate				
Uterine Active Agents	Carboprost Dinoprostone Methylergonovine Maleate	Mifepristone Oxytocin		
Vasopressin Receptor Antagonists	Conivaptan Hydrochloride Tolvaptan			
Gastrointestinal Agents – Laxatives				
Bowel evacuants	Polyethylene glycol (PEG) PEG-electrolyte combination Sodium phosphate Sodium phosphate/magnesium oxide/citric acid		Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Bulk-producing laxatives	Calcium polycarbophil Methylcellulose	Psyllium		
Emollients	Mineral oil			
Surfactants	Docusate calcium	Docusate sodium		
Hyperosmotic agents	Glycerin Lactilol	Lactulose Sorbitol		
Stimulants	Bisacodyl Cascara sagrada	Sennosides		
Gastrointestinal Agents – Miscellaneous				
5-Aminosalicylic Acid Derivative	Balsalazide Mesalamine	Olsalazine Sulfasalazine	Recommend to continue regimen throughout the perioperative period	
Antidiarrheals	Bismuth subsalicylate Crofelemer Difenoxin/atropine Diphenoxylate/atropine Loperamide Loperamide/simethicone		Bismuth subsalicylate: Recommend to hold bismuth subsalicylate the day of surgery due to the potential to cause black stools All other medications: It is reasonable to continue other antidiarrheals throughout the perioperative period	 
Antiflatulents	Alpha-d-galactosidase	Simethicone	Sucralfate: Recommend to hold sucralfate the day of surgery	
Antispasmodics	Dicyclomine			
Belladonna alkaloids	Atropine sulfate Hyoscyamine sulfate	Scopolamine		











Cholinergic Agonist	Cevimeline	Pilocarpine	All other medications: Recommend to continue regimen throughout the perioperative period	
Chloride Channel Activator	Lubiprostone			
Digestive Enzymes	Pancreatic Enzymes	Pancrelipase		
GI Anticholinergic Combinations	Atropine/scopolamine/hyoscyamine/phenobarbital Clidinium/chlordiazepoxide			
GI Quaternary Anticholinergics	Glycopyrrolate Mepenzolate	Methscopolamine Propantheline		
GI stimulants	Dexpanthenol Metoclopramide	Prucalopride Tegaserod		
GLP-2 analogs	Teduglutide			
Glutamine	L-glutamine			
Guanylate cyclase-C agonist	Linaclotide Plecanatidecalci			
Miscellaneous	Eluxadoline Sucralfate Chenodiol Ursodiol	Alvimopan Methylnaltrexone Naloxegol Tenapanor		
Systemic Deodorizers	Bismuth subgallate Chlorophyll derivatives	Chlorophyllin		
Genitourinary and Renal Agents – Miscellaneous				
Cystine depleting agents	Cysteamine bitartrate Penicillamine	Tiopronin	It is reasonable to continue regimen throughout the perioperative period	
Interstitial cystitis agents	Dimethyl sulfoxide Pentosan polysulfate sodium	Phenazopyridine Phenazopyridine/butabarbital/hyoscyamine		
Urinary acidifiers	Ascorbic acid			
Urinary cholinergics	Bethanechol			
Urinary alkalinizers	Potassium citrate Sodium bicarbonate Sodium bicarbonate/citric acid (Shohl's solution)			
Miscellaneous	Acetohydroxamic acid Cellulose sodium phosphate			
Gout Agents				
β -tubulin polymerization inhibitor	Colchicine		Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Uric acid transporter-1 (URAT-1) inhibitor	Lesinurad		It is reasonable to continue regimen throughout the perioperative period	
Xanthine Oxidase Inhibitor	Allopurinol Febuxostat		It is reasonable to continue regimen throughout the perioperative period	
Recombinant urate-oxidase	Pegloticase		It is reasonable to continue regimen throughout the perioperative period	
Uricosurics	Probenecid		Recommend to hold therapy the day of surgery and postoperatively until directed to resume by surgeon	













Hematological Agents – Miscellaneous			
For additional information, see Management of Antithrombotic Therapy in the Setting of Perioperative, Regional Anesthesia and/or Pain Procedures Clinical Practice Guideline			
Antihemophilic agents	Anti-inhibitor coagulant complex Antihemophilic Factor VIII Coagulation Factor XIIIa Factor IX Factor VIIa Factor XIII	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Antihemophilic Factor Combinations	Antihemophilic factor/von Willebrand Factor Complex		
Anti-von Willebrand Factor	Caplacizumab	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Antisickling agents	Hydroxyurea Voxelotor	Recommend to continue regimen in the perioperative period	
Bradykinin inhibitors	Icatibant	It is reasonable to continue regimen in the perioperative period	
Coagulants	Protamine	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Erythropoiesis-stimulating agents	Darbepoetin and biosimilars Epoetin Alfa and biosimilars Epoetin Beta and biosimilars Methoxy Polyethylene Glycol-Beta	It is reasonable to continue regimen in the perioperative period	
Hematopoietic stem cell mobilizer	Plerixafor	Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Granulocyte-colony stimulating factors	Filgrastim (and biosimilars) Pegfilgrastim (and biosimilars)	Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Granulocyte macrophage colony-stimulating factor	Sargramostim	Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Thrombopoietic agents	Avatrombopag Eltrombopag Lusutrombopag	Oprelvekin Romiplostim	Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider
Porphyria Agents	Hemin Givosiran	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Hemorrhologic agents	Pentoxifylline	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	












Hemostatics	Absorbable Gelatin Aminocaproic Acid Ferric subsulfate Fibrinogen Concentrate Microfibrillar Collagen Hemostat	Oxidized Cellulose Prothrombin Complex Concentrate Thrombin Tranexamic Acid	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Kallikrein Inhibitor	Ecaltantide Lanadelumab		It is reasonable to continue regimen in the perioperative period	
Plasma expanders	Albumin Human Dextran 40 Hetastarch	Plasma Protein Fraction Tetrastarch	It is reasonable to continue regimen in the perioperative period	
Protein C1 inhibitors	C1 Inhibitor (Cinryze)		Recommend to continue regimen in the perioperative period	
Thrombolytic agents	Alteplase Defibrotide Protein C Concentrate	Reteplase Tenecteplase Urokinase	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Monoclonal Antibodies	Crizanlizumab		Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Herbals and Supplements				
Amino Acids	Levocarnitine L-Lysine	Methionine Threonine	Inborn errors of metabolism Recommend to coordinate use of supplements and perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider All other patients Recommend to hold herbals and supplements 7 days prior to surgery.	 
Cannabidiol	CBD oil, OTC or supplement; not including Epidiolex prescription for seizure management)			
Electrolytes	Potassium	Sodium Chloride		
Fish Oils	Omega-3 Fatty Acids			
Lipotropics	Choline	Inositol		
Minerals	Calcium Magnesium	Phosphorus		
Systemic Alkalinizers	Citric Acid Citrate	Tromethamine		
Trace Elements	Chromium Copper Fluoride Ferric Maltol	Iron Manganese Selenium Zinc		
Vitamins	Beta-Carotene Phytonadione (Vitamin K) Vitamin A Calcitriol Cholecalciferol Doxercalciferol Ergocalciferol Paricalcitol Vitamin E Aminobenzoate potassium Bioflavonoids Biotin	Hydroxycobalamin Cobalamin (B12) Folic Acid Niacin (B3) Niacinamide Pantothenic Acid (B5) Pyridoxine (B6) Riboflavin (B2) Thiamine (B1) Ascorbic acid (Vitamin C) Calcium Ascorbate Sodium Ascorbate		
Miscellaneous	Coenzyme Q10 Edavarone	Lactase Sacrosidase		


Immunologic Agents				
Immunomodulators	Abatacept Adalimumab (and biosimilars) Anakinra Apremilast Brodalumab Canakinumab Certolizumab Daclizumab Dimethyl Fumarate Diroximel Fumarate Etanercept (and biosimilars) Fingolimod Golimumab Guselkumab Infliximab (and biosimilars)	Interferons Ixekizumab Lenalidomide Mitoxantrone Natalizumab Pembrolizumab Pomalidomide Rilonacept Secukinumab Selinexor Siponimod Risankizumab Teriflunomide Thalidomide Tildrakizumab Tocilizumab Ustekinumab Vedolizumab	Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Immunostimulants	Elapegedemase	Pegademase Bovine		
Immunosuppressives	Alefacept Azathioprine Basiliximab Belatacept Cyclosporine Dupilumab	Durvalumab Glatiramer Mycophenolate Ocrelizumab Sirolimus Tacrolimus		
Keratinocyte Growth Factors	Palifermin			
Miscellaneous Monoclonal Antibodies	Belimumab Burosumab Denosumab Eculizumab	Palivizumab Ravulizumab Raxibacumab Sarilumab Siltuximab Teprotumumab		
Intranasal anti-allergy				
Antihistamines	Azelastine	Olopatadine	It is reasonable to continue regimen in the perioperative period	
Mast cell stabilizers	Cromolyn			
Steroids	Beclomethasone Budesonide Ciclesonide Flunisolide	Fluticasone Mometasone Triamcinolone		
Migraine Agents				
Sympathomimetic	Isometheptene		Recommend to hold therapy the day of surgery, although may be approved with coordination of anesthesiologist	
Serotonin 5HT _{1B,1D} Agonist (triptans)	Almotriptan Eletriptan Frovatriptan Naratriptan	Rizatriptan, Sumatriptan, Zolmitriptan		
Serotonin 5HT _{1F} Agonist	Lasmiditan			
Ergot Derivatives	Dihydroergotamine mesylate Ergotamine tartrate			
Calcitonin Gene-related Peptide Receptor Antagonist	Eptinezumab Erenumab Fremanezumab Galcanezumab	Rimegepant Ubrogepant		
Monoamine Oxidase Inhibitors				
Monoamine Oxidase Inhibitors (MAOI)	Isocarboxazid Phenelzine Tranylcypromine		Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	

Ophthalmic Agents – Miscellaneous			
Cycloplegic Mydriatics	Atropine Sulfate Cyclopentolate HCl Homatropine HBr Scopolamine HBr Tropicamide	Cyclopentolate/Phenylephrine Hydroxyamphetamine Hydrobromide/Tropicamide	Recommend to continue regimen throughout the perioperative period
Antibiotics	Azithromycin Bacitracin Besifloxacin Ciprofloxacin HCl Erythromycin Gatifloxacin	Gentamicin Levofloxacin Moxifloxacin Ofloxacin Sulfacetamide Tobramycin	
Antihistamines	Alcaftadine Azelastine HCl Emedastine difumarate	Epinastine HCl Ketotifen Olopatadine HCl	
Corticosteroids	Dexamethasone Difluprednate Fluocinolone acetonide Fluorometholone acetate	Loteprednol etabonate Prednisolone Rimexolone Triamcinolone acetonide	
Decongestants	Naphazoline HCl Oxymetazoline HCl	Phenylephrine HCl Tetrahydrozoline HCl	
Decongestant/Antihistamine	Naphazoline/Pheniramine		
Immunologic	Cyclosporine		
Mast Cell Stabilizer	Bepotastine besilate Cromolyn Na	Lodoxamide tromethamine Nedocromil Na	
Nonsteroidal Anti-Inflammatory	Bromfenac Diclofenac Flurbiprofen	Ketorolac Nepafenac	
Otic Preparations Misc.	Antipyrine/Benzocaine Ciprofloxacin Ofloxacin Fluocinolone acetonide Ciprofloxacin HCl/Hydrocortisone Ciprofloxacin/Dexamethasone Neomycin/Polymyxin B/Hydrocortisone		
Recombinant Human Nerve Growth Factor	Cenergermin		
Selective VEGF Antagonist	Aflibercept Pegaptanib Na Ranibizumab		
Steroid/ Antibiotic	Bacitracin/Neomycin/Polymyxin B/Hydrocortisone Dexamethasone/Tobramycin Loteprednol/Tobramycin Neomycin/Polymyxin B/Dexamethasone Neomycin/Polymyxin B/Hydrocortisone Sulfacetamide/Prednisolone		
Phosphodiesterase-5 enzyme inhibitors			
Phosphodiesterase -5 enzyme inhibitors	Avanafil Sildenafil Tadalafil Vardenafil	Taking for Pulmonary Arterial Hypertension (PAH) indication: Recommend to continue regimen throughout the perioperative period	
		Taking for BPH Recommend to coordinate perioperative management plan with anesthesiologist, surgeon, and prescribing provider	

			Taking for other indications: Recommend to hold therapy five days prior to and the day of surgery in all patients	
Pheochromocytoma Agents				
Tyrosine Hydroxylase Inhibitor	Metyrosine		Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Alpha ₁ -Blocker	Phenoxybenzamine HCL Phentolamine Mesylate			
Renin Angiotensin System Antagonists				
Angiotensin Converting Enzyme (ACE) Inhibitors	Benazepril Captopril Cilazapril Enalapril Enalaprilat Fosinopril Lisinopril	Moexipril Perindopril Quinapril Ramipril Trandolapril	Significant Heart Failure (American College of Cardiology Foundation/American Heart Association (ACCF/AHA) heart failure staging system Stage D, or New York Heart Association (NYHA) Functional Classification III or IV) or History of High Blood Pressure (systolic ≥ 180 mmHg or diastolic ≥ 120 mmHg): Recommend to coordinate perioperative medication management plan with anesthesiologist, prescribing provider For all other indications: Hold for 24 hours prior to surgery and the day of surgery	
Angiotensin II receptor blockers	Candesartan Losartan	Olmesartan Valsartan		
Direct renin inhibitors	Aliskiren			
Nepriylsin inhibitor	Sacubitril		Recommend to coordinate perioperative medication management plan with anesthesiologist, prescribing provider	
Selective Aldosterone Receptor Antagonists	Eplerenone		It is reasonable to continue regimen throughout the perioperative period	
Respiratory Agents				
Antifibrotic agents	Pirfenidone		Recommend to coordinate perioperative medication management plan with surgeon and prescribing provider	
Arylalkylamine decongestants	Phenylephrine Pseudoephedrine		Recommend to hold therapy the day of surgery	
Inhaled anticholinergics	Acclidinium Ipratropium Revefenacin	Tiotropium Umeclidinium	Recommend to continue regimen throughout the perioperative period and to administer on the morning of surgery	
Expectorants	Guaifenesin Potassium iodide		It is reasonable to continue regimen throughout the perioperative period	
Inhaled corticosteroids	Beclomethasone Budesonide Ciclesonide	Flunisolide Fluticasone Mometasone	Recommend to continue regimen throughout the perioperative period	

Inhaled sympathomimetics	Albuterol Arformoterol Ephedrine Epinephrine Formoterol Indacaterol Isoproterenol	Levalbuterol Metaproterenol Olodaterol Pirbuterol Salmeterol Terbutaline Vilanterol	Recommend to continue regimen throughout the perioperative period and to administer on the morning of surgery	
Interleukin-5 receptor antagonists	Mepolizumab Reslizumab		Recommend to continue regimen throughout the perioperative period	
Leukotriene modifiers	Montelukast Zafirlukast	Zileuton	Recommend to continue regimen throughout the perioperative period and administer on the morning of surgery	
Lung surfactants	Beractant Calfactant	Lucinactant Poractant	It is reasonable to continue regimen throughout the perioperative period	
Monoclonal antibodies (IgE inhibitor)	Omalizumab		Recommend to continue regimen throughout the perioperative period	
Mucolytics	Acetylcysteine	Dornase alfa	Recommend to continue regimen throughout the perioperative period	
Non-narcotic antitussives	Benzonatate Dextromethorphan		It is reasonable to continue regimen throughout the perioperative period	
PDE-4 inhibitor	Roflumilast		Recommend to continue regimen throughout the perioperative period	
Respiratory enzymes	Aplha1-proteinase inhibitor		Recommend to continue regimen throughout the perioperative period	
Tyrosine kinase inhibitor	Fostamatinib Nintedanib		Recommend to continue regimen throughout the perioperative period	
Xanthine derivatives	Aminophylline Dyphylline	Theophylline	Recommend to coordinate perioperative medication management plan with anesthesiologist, surgeon, and prescribing provider	
Sedatives and Hypnotics				
Sedatives and hypnotics	Amobarbital Butabarbital Pentobarbital	Phenobarbital Secobarbital	Recommend to coordinate perioperative medication management plan with anesthesiologist, and prescribing provider	
Nonbarbiturate sedatives and hypnotics	Chloral hydrate Dexmedetomidine Eszopiclone Lemborexant Ramelteon	Suvorexant Tasimelteon Zaleplon Zolpidem		

Selective Serotonin Reuptake Inhibitors (SSRIs) & Serotonin Norepinephrine Reuptake Inhibitors (SNRIs)				
SSRI	Citalopram Escitalopram Fluoxetine Fluvoxamine	Paroxetine Sertraline Vilazodone	Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist, and prescribing provider	
SNRI	Desvenlafaxine Duloxetine Levomilnacipran	Milnacipran Venlafaxine		
Skeletal Muscle Relaxants				
Direct acting	Dantrolene		Recommend to continue regimen throughout the perioperative period	
Centrally acting	Baclofen			
	Carisoprodol Chlorzoxazone Cyclobenzaprine Diazepam	Metaxalone Methocarbamol Orphenadrine Tizanidine	It is reasonable to continue regimen throughout the perioperative period	
Tetra-cyclic antidepressants				
Tetra-cyclic antidepressants	Maprotiline Mirtazapine		It is reasonable to continue regimen throughout the perioperative period	
Toxins				
Botulinum toxins: Type A	AbobotulinumtoxinA IncobotulinumtoxinA	OnabotulinumtoxinA PrabotulinumtoxinA	It is reasonable to hold 48 hours prior to surgery and not resume until approved by surgeon	
Type B toxin	Rimabotulinum toxin B			
Tri-cyclic antidepressants				
Tricyclic antidepressants	Amitriptyline Amoxapine Clomipramine Desipramine Doxepin	Imipramine Nortriptyline Protriptyline Trimipramine	It is reasonable to continue regimen throughout the perioperative period	
Vasodilators				
Endothelin Receptor Antagonist	Ambrisentan Bosentan Macitentan		Recommend to continue regimen throughout the perioperative period	
Human B-Type Natriuretic Peptide	Nesiritide		Recommend to continue regimen throughout the perioperative period	
Nitrates	Amyl Nitrate Isosorbide Dinitrate	Isosorbide Mononitrate Nitroglycerin	Recommend to continue regimen throughout the perioperative period	
Peripheral Vasodilators	Hydralazine Isoxsuprine	Minoxidil Papaverine	Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist and prescribing provider	
Prostanoids	Epoprostenol Iloprost	Selexipag Treprostinil	Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist and prescribing provider	
Soluble Guanylate Cyclase Stimulator	Riociguat		Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist and prescribing provider	

Vasopressors	Angiotensin II Dobutamine Dopamine Droxidopa Ephedrine	Epinephrine Isoproterenol Norepinephrine Phenylephrine	Recommend to coordinate perioperative medication management plan with surgeon, anesthesiologist and prescribing provider	
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