tive Management	Postoperative Mana	Preoperative Management	Comment	Drug Type
				Cardiac
agent until taking p.o.	Parenteral agent until	With a sip of water a few hours before operation	Abrupt discontinuation can increase risk of MI	β-blockers
rs, diltiazem or digoxin until ke resumed	IV β-blockers, diltiaze p.o. intake resume	With a sip of water a few hours before operation		Atrial antiarrhythmics
amiodarone or procainamide	Parenteral amiodaron	With a sip of water a few hours before operation	Monitor Mg, K, and Ca levels periop- eratively	Ventricular antiarrhythmics
(most reliable) or transderma intake resumed	Intravenous (most reli until p.o. intake res	With a sip of water a few hours before operation	Transdermal (paste, patch) may be poorly absorbed intraoperatively	Nitrates
antihypertensives; if on e, consider clonidine patch or ve antihypertensive agents	clonidine, consider	With a sip of water a few hours before operation	Abrupt discontinuation of clonidine can cause rebound hypertension	Antihypertensives
				Pulmonary
bulized or metered dose	Can use nebulized or inhalers	No modification necessary		Inhalers
d production in a large consulting the sales		With a sip of water a few hours before operation		Leukotriene inhibitors
				Diabetes
o. intake back to baseline	SSI until p.o. intake ba	½ dose usual long-acting agent at the usual time preoperatively	5% dextrose solutions should be given intravenously intra- and postopera- tively in patients receiving insulin	Insulin
o. intake back to baseline	SSI until p.o. intake ba	Hold AM of operation		Oral agents (except metformin)
al function closely. Resume in when renal function norma ally 2–3 days postoperatively then.	metformin when re	Hold for at least 1 day preop- eratively	Can produce lactic acidosis, particularly in the setting of renal dysfunction or with administration of IV radio- graphic contrast agents	Metformin
				Antiplatelet agents/anticoag
nen diet resumed	Resume when diet re-	D/C 7 days preoperatively		Aspirin, clopidogrel, ticlopidine
nen diet resumed	Resume when diet re	Hold until INR normalizes, usually 3–5 days. If anticoagulation critical, maintain anticoagula- tion with heparin		Warfarin
-12 hr postoperatively, pro- increased risk of hemorrhage to exist		Discontinue 4 hr preoperatively		Heparin
				Osteoporosis agents
		Hold 1 week preoperatively for procedures with moderate to high risk DVT	Associated with increased risk of DVT	SERMs
nen taking p.o.	Resume when taking	With a sip of water a few hours before operation		HIV agents
				Neurologic
				Antiparkinson agents
		With a sip of water a few hours before operation	Prolonged cessation of levodopa can lead to syndrome similar to neuro- leptic malignant syndrome	Carbidopa/levodopa
vith meperidine	Avoid use with meper	Avoid use with meperidine	Life-threatening syndrome similar to neuroleptic malignant syndrome reported when used with meperidine	Seligilene
agents until p.o. intake	Parenteral agents unt resumed	With a sip of water a few hours before operation		Antiseizure medications
a	Parenteral a	Avoid use with meperidine  With a sip of water a few hours	leptic malignant syndrome Life-threatening syndrome similar to neuroleptic malignant syndrome	

Drug Type	Comment	Preoperative Management	Postoperative Management
Psychiatric			
Tricyclic antidepressants	Anticholinergic effects and conduction abnormalities can be seen		Monitor for anticholinergic side effects
Monoamine oxidase inhibitors	Life-threatening hypertension reported when used with certain sympathomimetics; life-threatening syndrome similar to neuroleptic malignant syndrome reported when used with meperidine	Stop 2 weeks preoperatively	
SSRIs	"Serotonin syndrome" reported when used with tramodol; some agents have associated withdrawal syndrome	With a sip of water a few hours before operation	Resume as soon as possible postoperatively
Antipsychotics	Can cause ECG abnormalities (pro- longed QT interval)		Resume as soon as possible postoperatively
Lithium	Monitor levels perioperatively		Resume when p.o. intake resumes
Benzodiazepines	Abrupt cessation can cause withdrawal		Parenterally until diet resumed
ndocrine			
Levothyroxine		Can be held for a few days if needed without adverse effect	Parenterally until diet resumed
Propylthiouracil		Preoperative β blockade for hyperthyroid patients; preop- erative potassium iodide	Parenteral $\beta$ blockers; resume PTU when medications can be given via NG tube
Estrogen	Can increase risk of postoperative DVT	Consider stopping for 4 weeks prior to cases with high risk of DVT	
Rheumatologic			
Methotrexate	Does not interfere with wound healing or increase wound infection rate	Continue usual regimen	Resume when taking p.o.
COX-2 inhibitors	Can impair renal function	Hold 2-3 days preoperatively	Resume when taking p.o.

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