

Pain-control Optimization Pathway after Ureteroscopy

Medication	Dose	Route of Administration	Duration of Therapy
Recommendation: Intraoperative			
NSAIDs e.g. Ketorolac	30mg	IV	Procedure Only
Recommendation: Postoperative Bundle			
NSAIDs e.g. Ketorolac	10mg	oral	Q6 x 5 days (20 tablets)
α-blockers e.g. Tamsulosin	0.4mg	oral	QD (duration of stent or 30 days)
Anticholinergic e.g. Oxybutynin XL	10mg	oral	QD (duration of stent)
Acetaminophen*	650mg	oral	Q6h PRN
Optional: Postoperative			
Pyridium	200mg	oral	PRN x 3 days

*do not exceed 3000 mg of acetaminophen in a 24 hour period

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Medication Recommendations	Contraindications
Recommendation: Intraoperative and Postoperative	
<p style="text-align: center; color: #008080;">NSAIDs</p> <p>e.g. Ketorolac</p>	<p>Allergy</p> <p>Acute renal failure</p> <p>Creatinine ≥ 1.9</p> <p>325 mg Aspirin: concurrent chronic NSAIDs use</p> <p>Gastric bypass</p> <p>Irritable bowel disease (IBS)</p> <p>Peptic ulcer disease</p> <p>Coronary artery bypass grafting (CABG) - within 30 days</p> <p>Anti-coagulant therapy**</p>
<p style="text-align: center; color: #008080;">Anticholinergic</p> <p>e.g. Oxybutynin XL</p>	<p>Closed-angle glaucoma</p> <p>Gastroparesis</p> <p>Myasthenia gravis</p> <p>Concurrent use of potassium salts</p> <ul style="list-style-type: none"> • (potassium chloride/potassium citrate) <p>Urinary retention</p>

**at physician's discretion for patients on anti-coagulant therapy