

# ANESTHESIOLOGY



## Perioperative Medication Management

Know when to hold 'em ... Know when to fold 'em

Opioids	<b>Continue</b>		
Buprenorphine	Consider alternate med		
Non-selective NSAIDs	<b>Hold</b>		
COX-2-selective NSAIDs	Continue		
Naltrexone	<b>Hold</b>		
<b>β-Agonists</b>	<b>Continue</b>		
Theophylline	<b>Hold</b>		
Insulin, basal or long acting	<b>Continue</b>		
Insulin, intermediate acting	Adjust dosing		
Insulin, short acting	<b>Hold</b>		
Oral hypoglycemics	<b>Hold on day of surgery</b>		
		<b>β-Blockers</b>	<b>Continue<sup>1</sup></b>
		Statins	<b>Continue</b>
		α-2 Agonists	Continue
		Ca <sup>2+</sup> Blockers	Continue
		Antiplatelets & anticoagulants	<b>Evaluate risk/benefit</b>
		ACEIs	<b>Hold<sup>2</sup></b>
		Diuretics	Hold
		H <sub>2</sub> Blockers	<b>Continue</b>
		Steroids	<b>Continue, consider stress dosing</b>
		Herbal medications	<b>Stop 1 week prior</b>

**Strong evidence** • Moderate evidence • *Weaker evidence*  
(See reference 1 for summary of recent evidence)

ACEI = angiotensin-converting enzyme inhibitor; COX = cyclooxygenase; NSAID = nonsteroidal anti-inflammatory drug.

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1. Perioperative Medication Management. Available at: <https://www.uptodate.com/contents/perioperative-medication-management>. Accessed October 24, 2016.

2. Roshanov PS, Rochweg B, Patel A, Salehian O, Duceppe E, Belley-Côté EP, Guyatt GH, Sessler DI, Le Manach Y, Borges FK, Tandon V, Worster A, Thompson A, Koshy M, Devereaux B, Spencer FA, Sanders RD, Sloan EN, Morley EE, Paul J, Raymer KE, Punthakee Z, Devereaux PJ: Withholding versus continuing angiotensin-converting enzyme inhibitors or angiotensin II receptor blockers before noncardiac surgery: An analysis of the Vascular events In noncardiac Surgery patients cohort evaluationN prospective cohort. ANESTHESIOLOGY 2017; 126:16-27.