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anticipated⁶ changes in serum K⁺ in response to catecholamine release during anesthesia and surgery⁷ may be modified by β -2-adrenoceptor blockade.

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REFERENCES

 Moravec MA, Hurlbert BI: Hypokalemia associated with terbutaline administration in obstetrical patients. Anesth Analg 59: 917–920, 1980

- Epstein FH, Rosa RM: Adrenergic control of serum potassium (editorial) N Engl J Med 309:1450-1451, 1983
- Craig DB, Bose D: Drug interactions in anaesthesia: Chronic antihypertensive therapy. Can Anaesth Soc J 31:580–588, 1985
- Eltherington LG: Complications of prior drug therapy, Complications in Anesthesiology. Edited by Orkin FK, Cooperman LH. Philadelphia, JB Lippincott, 1983, pp 25–47
- Petch MC, McKay R, Bethune DW: The effect of beta 2 adrenergic blockade on serum potassium and glucose levels during open heart surgery. Eur Heart J 2:123–126, 1981
- Struther AD, Reid JL, Whitesmith R, Rodger JC: The effects of cardioselective and non-selective beta-adrenoceptor blockade on the hypokalemia and cardiovascular response to adrenomedullary hormones in man. Clin Sci 65:143–147, 1983
- Joyce JT, Roizen MF, Gerson JI, Grobecker H, Eger EI II, Forbes AR: Induction of anesthesia with halothane increases plasma norepinephrine concentrations. ANESTHESIOLOGY 56:286– 290, 1982
- Kramer CY: Extension of multiple range tests to group means with unequal numbers of replications. Biometrics 12:307–310, 1956

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Intravenous Lidocaine for Control of Coughing during Standby Cataract Surgery

To the Editor:—An occasional patient undergoing cataract surgery under retrobulbar and periorbital block will suddenly begin to cough or feel the urge to cough while the operation is underway and the eye is open.

I have used a technique in five patients that has proved efficacious in eliminating the coughing. Intravenous lidocaine in bolus doses of 0.3 to 0.4 mg/kg (usually 20 mg) not only stopped the coughing but eliminated the urge to cough. Obviously, one must be careful not to overdose the patient with lidocaine. However, I have never required more than 1.5 mg/kg throughout any

single case. Patients tolerate lidocaine very well and are often amazed at the anesthesiologist's ability to take away their cough during what may be a stressful time not only for the patient, but for the entire operating room staff.

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