

Glycopyrronium bromide + neostigmine

Heart block: case report

Mastectomy and axillary clearance were scheduled in a 45-year-old obese woman with a history of diabetes and hypertension. She was receiving atenolol 100 mg/day. Temazepam 20mg was administered for premedication, followed by thiopental 250mg and suxamethonium [succinylcholine] 100mg. The patient also received vecuronium 7mg, enflurane 1% and IM diclofenac 75mg.

Surgery proceeded uneventfully and the patient received a mixture of glycopyrronium bromide [glycopyrrolate] 0.5mg + neostigmine 2.5mg to reverse neuromuscular blockade. Within 1 min complete heart block occurred with a ventricular rate of 35/min. The patient received IV atropine 0.6mg and recovered rapidly.

Lonsdale M, Sturat J. Complete heart block following glycopyrronium/neostigmine mixture.

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