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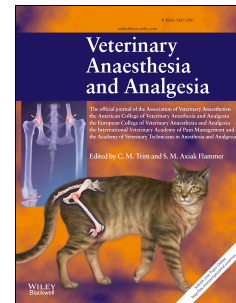
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RESEARCH PAPER

RS Bailey et al.

Dexmedetomidine pharmacokinetics in rabbits

The pharmacokinetics of dexmedetomidine in isoflurane-anesthetized New Zealand White rabbits

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Abstract

Objective To characterize the pharmacokinetics of dexmedetomidine when administered as a short intravenous (IV) infusion to isoflurane anesthetized rabbits.

Study design Experimental study.

Animals Six healthy adult female New Zealand White rabbits.

Methods Rabbits were anesthetized with isoflurane in oxygen. Following determination of isoflurane minimum alveolar concentration (MAC), the anesthetic dose was reduced to $0.7 \times$

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