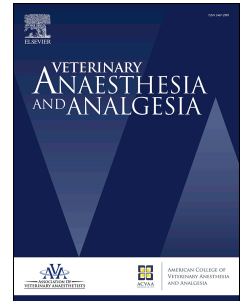


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Desaturation times between dogs preoxygenated via face mask or flow-by technique before induction of anesthesia

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RESEARCH PAPER

Running head (Authors): *B Ambros et al.*

Running head (short title): Preoxygenation in dogs via face mask or flow-by

Desaturation times between dogs preoxygenated via face mask or flow-by technique before induction of anesthesia

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Abstract

Objective To compare time to desaturation after induction of anesthesia following administration of oxygen via face mask or flow-by for 3 minutes.

Study design Randomized, crossover study.

Animals Six healthy adult dogs weighing 15.0 ± 3.4 kg.

Methods Dogs were anesthetized twice separated by 14 days. Intramuscular administration of dexmedetomidine ($4 \mu\text{g kg}^{-1}$), acepromazine (0.01 mg kg^{-1}) and butorphanol (0.2 mg kg^{-1}) provided sedation for percutaneous insertion of a catheter into the tracheal lumen. The tip was advanced to the thoracic inlet and position confirmed using fluoroscopy. Using a sample

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