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Ventilation distribution assessed with electrical impedance tomography and the influence of tidal volume, recruitment and positive end-expiratory pressure in isoflurane-anesthetized dogs

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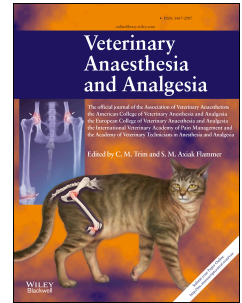
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1 RESEARCH PAPER

2 *AM Ambrosio et al.*

3 Intrapulmonary gas volume distribution in dogs

4 **Ventilation distribution assessed with electrical impedance tomography and the**
5 **influence of tidal volume, recruitment and positive end-expiratory pressure in**
6 **isoflurane-anesthetized dogs**

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21 **Abstract**

22 **Objective** To examine the intrapulmonary gas distribution of low and high tidal volumes
23 (V_T) and to investigate whether this is altered by an alveolar recruitment maneuver (ARM)
24 and 5 cmH₂O positive end-expiratory pressure (PEEP) during anesthesia.

25 **Study design** Prospective randomized clinical study.

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