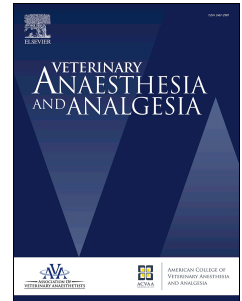


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On accuracy and precision of flowmeters used for oxygen therapy in a veterinary teaching hospital

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RESEARCH PAPER

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Running head (short title): Oxygen flowmeter accuracy and precision

On accuracy and precision of flowmeters used for oxygen therapy in a veterinary teaching hospital

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Abstract

Objective To determine the accuracy and precision of flowmeters used for oxygen therapy in a veterinary teaching hospital.

Study design An observational study.

Methods A total of 50 flowmeters used for oxygen therapy were evaluated using Defender 530 gas flow analyzers to measure flow. For each flowmeter, a minimum of seven flow settings were tested in random order and in triplicate. Flow measured at ambient conditions was converted to

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