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Noninvasive stroke volume variation using electrical velocimetry for predicting fluid responsiveness in dogs undergoing cardiac surgery

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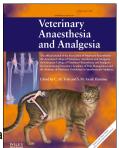
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- 1 RESEARCH PAPER K Sasaki & T Mutoh et al. 2 3 Noninvasive stroke volume variation in dogs Noninvasive stroke volume variation using electrical velocimetry for predicting fluid 4 responsiveness in dogs undergoing cardiac surgery 5 Kazumasu Sasaki*†a & Tatsushi Mutoh*a, Tomoko Mutoh*, Yasuyuki Taki* 6 7 & Ryuta Kawashima* 8 *Institute of Development, Ageing and Cancer, Tohoku University, Sendai, Japan †Sendai Animal Care and Research Centre, Sendai, Japan 9 10 Correspondence: Tatsushi Mutoh, Department of Nuclear Medicine and Radiology, Institute 11 of Development, Aging and Cancer, Tohoku University, 4-1 Seiryo-machi, Sendai 980-8575, 12 Japan. E-mail: tmutoh@tiara.ocn.ne.jp 13 ^aCo-first authorship 14
- 16 Abstract

15

- Objective To evaluate the ability of a noninvasive cardiac output monitoring system with
- electrical velocimetry (EV) for predicting fluid responsiveness in dogs undergoing cardiac
- 19 surgery.

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