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Abstracts presented at the spring meeting of the Association of Veterinary Anaesthetists, Grenada, West Indies – 10–13th March, 2018

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The following studies received ethical approval by institutional and/or national review committees if appropriate. The complete version of the abstracts are available online at https://ava.eu.com/education/veterinary-anaesthesia-analgesia/abstracts-from-ava-meetings/

Abstracts

Effects of blood pressure on oxygenation in mechanically ventilated anaesthetised horses administered pulsed inhaled nitric oxide

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Refinement of an indwelling catheter for consecutive blood sampling enables stress-free postoperative handling for research pigs

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Effects of hypothermia and hypothermia combined with hypocapnia on cerebral perfusion and oxygenation in piglets

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Pharmacokinetics of fentanyl in dogs with low or normal heart rate anesthetized with isoflurane and hydromorphone

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Comparison between admixture of ketamine-propofol or tiletaline-zolazepam-propofol: cardiorespiratory parameters, induction and recovery quality in healthy beagles

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ARRIVE has not ARRIVEd: support of the ARRIVE guidelines does not improve the reporting quality of papers in animal welfare, analgesia or anesthesia

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Oxygen-induced hypoventilation following alfaxalone-dexmedetomidine-midazolam sedation in New Zealand white rabbits

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Evaluating the efficacy of atipamezole and flumazenil on recovery from sedation with alfaxalone – dexmedetomidine – midazolam in rabbits

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Sedative and physiological effects of intramuscular alfaxalone and hydromorphone prior to anesthesia with isoflurane in seven guinea pigs (*Cavia porcellus*)

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Facial expressions of pain in cats: development of the Feline Grimace Scale

MC Evangelista, R Watanabe, E O'Toole, DSJ Pang, PV Steagall
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Effects of pulsed inhaled nitric oxide (PINO) on arterial oxygenation during IPPV in horses undergoing elective arthroscopy or abdominal surgery under general anaesthesia

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Influence of stepwise increase of intra-abdominal pressure on dynamic lung compliance and its relation to certain body dimensions in dogs

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Plasma concentrations and behavioral, physiologic and antinociceptive effects of sustained-release buprenorphine in dogs

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Comparison of cardiovascular effects of fentanil, sufentanil or remifentanil infusion in propofol-anaesthetized dogs: preliminary data

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A survey of conduct of anaesthetic monitoring in small animal practice of the United Kingdom

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