SESSION A

8:00am Krimins, R* Comparison of anesthetic effects of tiletamine/zolazepam-butorphanol-dexmedetomidine and ketamine-tramadol-dexmedetomidine in dogs

8:20am Krimins, R* Hemodynamic effects of tiletamine/zolazepam-butorphanol-dexmedetomidine and ketamine-butorphanol-dexmedetomidine combinations in dogs

8:40am O, O* A comparison of epidural bupivacaine, bupivacaine + morphine, and bupivacaine + dexametomidine for analgesia in dogs undergoing pelvic limb orthopedic surgery

9:00am Lewis, K* Effect of 4 analgesia protocols on comfort and sedation of dogs for 24 hours after stifle surgery

9:20am Barton-Lamb, A* Evaluation of maxillary arterial flow in cats with and without use of a spring loaded dental mouth gag

9:40am Caines, D* Evaluation of cerebrospinal fluid and plasma lactate concentrations in anesthetized dogs with and without intracranial disease

11:00am Caines, D* Comparison of two anesthetic protocols in dogs with intracranial disease undergoing MRI

11:20am Pavlisko, N* Evaluation of tissue hemoglobin saturation (StO2) via near-infrared spectroscopy in a canine model of acute hemorrhagic shock

11:40am Soares, J* Solubility of halothane anesthetics in human and animal blood

12:00pm LUNCH

1:30pm Ricco, C Pulse pressure variation in a model of hemorrhagic shock in mechanically ventilated dogs

1:50pm Ricco, C Pleth variability index derived from the radial-7 Masimo pulse oximeter as a non-invasive indicator of circulating volume changes in dogs

2:10pm da Cunha, A Measuring level of agreement between values obtained by invasive measured blood pressure and ultrasonic doppler flow detector in cats

2:50pm Martin-Flores, M Monitoring recovery from neuromuscular blockade in dogs: does return of spontaneous ventilation deceive us?

3:10pm Read, M Comparison of core temperature measurements recorded from distal esophageal and ingestible probes in anesthetized dogs

3:30pm Messenger, K Pharmacokinetics and sedative effects of oral-transmucosal detomidine gel in dogs

3:50pm Kraus, B Efficacy of oral Maropitant in preventing vomiting associated with hydromorphone administration in dogs

4:10pm Seddighi, R The effect of fentanyl and nitrous oxide on sevoflurane minimum alveolar concentration preventing motor movement (MACNM) in dogs

4:30pm Son, W G The effect of epidural injection speed on epidural pressure and distribution in dogs

4:50pm Eatwell, K Use of a supraglottic airway device to maintain gaseous anaesthesia in rabbits (Oryctolagus cuniculus).

SESSION B

8:00am Clark-Price, S The effect of pre-anesthetic infusion of amino acids on body temperature during anesthesia in healthy dogs

8:20am Clark-Price, S The effect of pre-anesthetic infusion of amino acids on venous pH, glucose, creatinine, and lactate in anesthetized healthy dogs

8:40am Clark-Price, S The effect of three intravenous anesthetic events 48 hours apart on recovery quality of horses evaluated by 3-axis accelerometer

9:00am Clark-Price, S Time to loss of righting reflex and recovery in cane toads (Bufo marinus) after two doses of compounded topically applied sevoflurane jelly

9:20am Sinclair, M Evaluation of xylazine-ketamine anesthesia for field castrations in horses with or without intravenous lidocaine, intra-testicular lidocaine, or butorphanol

9:40am Sinclair, M Evaluation of cardio-respiratory values in horses with xylazine-ketamine anesthesia for field castrations with or without intravenous lidocaine, intra-testicular lidocaine or butorphanol

11:00am Hubbell, J Comparison of invasive and oscillometric blood pressure measurement techniques in anesthetized sheep, goats, and cattle

11:20am Hubbell, J The pharmacokinetics and pharmacodynamics of midazolam in alpacas

11:40am Seddighi, R Physiological and antinociceptive effects of xylazine on tiletamine-zolazepam anesthesia in llamas

12:00pm LUNCH

1:30pm del Alamo, A* Anesthetic evaluation of administration of intravenous alfaxalone in comparison with propofol and ketamine/diazepam in alpacas

1:50pm Krein, S* The effects of fluconazole on recovery duration in horses anesthetized with ketamine and midazolam

2:10pm Ferreira, T* Ketamine, propofol, and thiopental effects on intraocular pressure and anesthetic induction and recovery quality in horses

*Resident abstracts

ACVA ABSTRACTS POSTERS

Barter, L - Comparison of blood pressure measurement methods in isoflurane anesthetized rabbits

Barter, L - Fentanyl reduces isoflurane mac in rabbits

Dunlop, C - Volume and resistance of anesthesia circle system breathing hose

Eatwell, K - Use of a supraglottic airway device to maintain gaseous anaesthesia in rabbits (Oryctolagus cuniculus)

McKenzie, E - Cardiac output in horses anesthetized after dantrolene sodium administration

Shafford, H - Etomidate for anesthetic management of four cats with 3rd degree AV block or negative atropine response

Shafford, H - Retrograde intubation in a cat using an epidural catheter as a guide tube