

ACVA ABSTRACTS
THURSDAY, SEPTEMBER 27, 2007

Abstracts are 15 mins with 5 min discussion between each abstract

7:50-8:00 am - WELCOME

8:00-8:20

The Effects of Intravenous Analgesics and Sedatives in a Canine Nociceptive Thermal Escape Model

K Wegner,* KA Horais, NA Tozier, M Rathbun, Y Shtaerman, TL Yaksh. University of California-San Diego, La Jolla, CA.

8:20-8:40

Dose Finding Study for Meloxicam Suspension in Cats with a Sodium Urate-Induced Arthritis

G Carroll,* R Narbe, S Kerwin, K Peterson, L Taylor. Texas A&M University, College Station, TX and Boehringer Ingelheim Vetmedica, Inc, St. Joseph, MO.

8:40-9:00

Effects of L-659,066, a Peripheral Alpha-2 Antagonist, with or without Glycopyrrolate, on the Hemodynamic Changes Induced by Medetomidine in Dogs.

SS Enouri, CL Kerr,* WN McDonell,* ML O'Sullivan,* FJ Teixeira Neto. University of Guelph, Guelph, Ontario, Canada.

9:00-9:20

Cardiopulmonary Effects of Anesthetic Induction with Ketamine/Diazepam, Thiopental or Propofol in Dogs Sedated with a Combination of Medetomidine/Hydromorphone.

SS Enouri, CL Kerr,* WN McDonell,* DH Dyson.* University of Guelph, Guelph, Ontario, Canada.

9:20-9:40

A Comparison of Anesthetic and Cardiorespiratory Effects of Tiletamine-Zolazepam-Butorphanol and Tiletamine-Zolazepam-Butorphanol-Medetomidine in Cats

JC Ko,* LA Abbo, AB Weil,* BM Johnson, and ME Payton. Purdue University, West Lafayette, IN.

9:40-10:00

Dexmedetomidine Constant Rate Infusion for Post-Operative Pain Management in Dogs

C Valtolina,¹ J Robben,¹ J Uilenreef,¹ J Murrel,¹ B McKusick,² J Aspegren,² L Hellebrekers.¹
¹University Utrecht, Utrecht, The Netherlands and ²Orion Corporation, Turku, Finland.

10:00-10:20 BREAK

10:20-10:40

Buccal Absorption of 3 Formulations of Buprenorphine in the Dog – A Pilot Study

KR Mama,* P Mich, T Raske, SD Stanley. Colorado State University and University of California-Davis.

10:40-11:00

Effects of Buprenorphine on Isoflurane Minimum Alveolar Concentration in Dogs

P Queiroz-Castro, CM Egger,* BW Rohrbach, T Doherty.* University of Tennessee, Knoxville, TN.

11:00-11:20

Comparison of Two Anesthetic Protocols for Feline Blood Donation

M Killos, L Graham,* E Olmstead, J Lee. University of Minnesota, Saint Paul, MN.

11:20-11:40

Effect of Lidocaine and Ketamine on the Minimum Alveolar Concentration of Sevoflurane in Dogs

JD Wilson, T Doherty,* C Egger,* A Fidler, S Cox, B Rohrbach. University of Tennessee, Knoxville, TN.

11:40-12:00

The Effect of Hypothyroidism on Isoflurane Requirement in Dogs

SH Berry,* DL Panciera. VA-MD Regional College of Veterinary Medicine, Blacksburg, VA.

12:00 - 2:15 LUNCH - BUSINESS LUNCH MEETING FOR DIPLOMATES

2:20-2:40

Effects of Tramadol on Sevoflurane Mac in Dogs

MR Seddighi, CM Egger,* BW Rohrbach, T Doherty.* University of Tennessee, Knoxville, TN.

2:40-3:00

Effects of Tramadol with and without Opioids on Sevoflurane Minimal Alveolar Concentrations in Cats

JC Ko,* LA Abbo, AB Weil,* BM Johnson, ME Payton. Purdue University, West Lafayette, IN.

3:00-3:20

Analgesic Effect of Tramadol and Tolfenamic Acid in Cats after Ovariohysterectomy

HC Chen, R Radzi, NA Rahman, SF Lau. Universiti Putra Malaysia, Serdang, Malaysia.

3:20-3:40

Pharmacokinetics of Tramadol and O-Desmethyltramadol in Cats

BH Pypendop,* JE Ilkiw. University of California, Davis.

3:40-4:00

Pharmacokinetics of Remifentanyl in Conscious and Isoflurane-Anesthetized Cats

BH Pypendop,* RJ Brosnan,* KT Siao, SD Stanley. University of California, Davis.

4:00-4:20

Effects of Remifentanyl on Measurements of Analgesia and Anesthetic Immobility

RJ Brosnan,* BH Pypendop*, KT Siao, SD Stanley. University of California-Davis, Davis, CA.

4:20-4:40 BREAK

4:40 - 5:30

Keynote Lecture: Anesthesia and MRI: There's a Patient in that Magnet!

Dr. Julie Smith, DVM, DACVA

Medical Director and Chief of Anesthesia

The Iams Pet Imaging Center

Vienna, Virginia

Room 2

7:50-8:00 am - WELCOME

Abstracts are 15 mins with 5 min discussion between each abstract

8:00-8:20

USE OF A MEDETOMIDINE/MORPHINE COMBINATION FOR STANDING SEDATION DURING LAPAROSCOPY IN HORSES. A Solano, A Valverde,* L Boure, A Desrochers, S Nykamp. University of Guelph, Ontario, Canada.

8:20-8:40

EFFECTS OF INTRAVENOUS TRAMADOL IN HORSES. JK Dhanjal,¹ DV Wilson,^{*1} CG Hughes,² T Tobin,² NE Robinson.¹ ¹Michigan State University, East Lansing, MI and ²University of Kentucky, Lexington, KY.

8:40-9:00

INCIDENCE AND PREVENTION OF GASTRIC ULCERS IN HORSES UNDERGOING GENERAL ANESTHESIA. C Scicluna. Clinique du Plessis, Chamant, France.

9:00-9:20

TRENDELENBURG POSITIONING EFFECTS ON REGIONAL CENTRAL NERVOUS SYSTEM BLOOD FLOW IN ANESTHETIZED HORSES. RJ Brosnan,* AE Vico, EP Steffey,* RA LeCouteur, IK Liu, B Vaughan. University of California-Davis, Davis, CA.

9:20-9:40

INTRAVENOUS LIDOCAINE WITH SHORT-TERM XYLAZINE-KETAMINE ANESTHESIA FOR CASTRATION IN HORSES UNDER FIELD CONDITIONS. M Sinclair,* A Valverde.* University of Guelph, Ontario, Canada.

9:40-10:00

AN INVESTIGATION OF BEHAVIOR OF HORSES UNDERGOING GENERAL ANESTHESIA AND EXPLORATORY LAPAROTOMY. M Sinclair,* ST Millman. University of Guelph, Ontario, Canada.

10:00-10:20 BREAK

10:20-10:40

ANESTHETIC PROPERTIES OF CARBON DIOXIDE IN THE RAT. RJ Brosnan,^{*1} EI Eger II,^{*2} MJ Laster,² JM Sonner.² ¹University of California-Davis, Davis, CA and ²University of California-San Francisco, San Francisco, CA.

10:40-11:00

CLINICAL APPLICATION OF DORSOLUMBAR EPIDURAL ANESTHESIA IN A BOVINE REFERRAL CENTER. M Hiraoka,¹ W Miki,¹ WG Son,² I Lee.² ¹Hokkaido NOSAI, Hokkaido, Japan, ²Seoul National University, Seoul, Korea.

11:00-11:20

IMMOBILIZATION WITH A COMBINATION OF KETAMINE HYDROCHLORIDE AND MEDETOMIDINE IN WILD JAPANESE MONKEYS (MACACA FUSCATA FUSCATA). T Miyabe, M Morimoto, J Suzuki, Y Muroyama, T Suzumura, F Kanchi, H Tanaka, S Hayakawa Y Hamada. Primate Research Institute, Kyoto University, Aichi, Japan.

11:20-11:40

BISPECTRAL INDEX (BIS) SCORES DO NOT CORRELATE WITH SEDATION SCORES IN RHESUS MACAQUES AFTER KETAMINE ADMINISTRATION. LS Barter,* LL Brignolo, JF Antognini. University of California-Davis, Davis, CA.

11:40-12:00

WHAT IS THE MORTALITY RATE OF ANESTHETIZED BIRDS? DR Yaakov, KL Rosenthal, FJ Golder,* FS Shofer. University of Pennsylvania, Philadelphia, PA.

12:00 - 2:15 LUNCH - BUSINESS LUNCH MEETING FOR DIPLOMATES

2:20-2:40

CHANGES IN ANESTHETIC MONITORING PARAMETERS OBSERVED IN ACUTE GASTROINTESTINAL PERFORATION DURING FELINE GASTRODUODENOSCOPY (6 CASES, 1995-2006). LF Graham.* University of Minnesota, Saint Paul, MN. Have not heard back after sending an email message 6/18/ 7 am.

2:40-3:00

A COMPARISON OF TWO TECHNIQUES FOR BRACHIAL PLEXUS BLOCKADE IN DOGS. DV Wilson,* JK Dhanjal, F Garcia-Pereira. Michigan State University, E. Lansing, MI.

3:00-3:20

COMPARISON OF TWO DIFFERENT TECHNIQUES FOR BRACHIAL PLEXUS BLOCK IN DOGS USING THREE DIFFERENT VOLUMES OF METHYLENE BLUE. C Ricco, L Graham,* M Killos, R Mandsager.* University of Minnesota, St Paul MN.

3:20-3:40

A COMPARISON USING AN ELECTROCARDIOGRAM TECHNIQUE WITH A BLIND TECHNIQUE FOR CENTRAL VENOUS CATHETER PLACEMENT IN THE DOG. AK Claude, DH Riedesel.* Iowa State University, Ames, IA.

3:40-4:00

EFFECT OF ANESTHESIA ON CARDIAC TROPONIN I AND C-REACTIVE PROTEIN CONCENTRATIONS IN HEALTHY DOGS. AS Hanzlicek, AB Saunders, EA Martinez,* MJ Stickney, JM Steiner, G Fosgate. Texas A&M University, College Station, Texas

4:00-4:20

EFFICACY OF PRE-ANESTHETIC INTRA-MUSCULAR (IM) ADMINISTRATION OF EPHEDRINE FOR PREVENTION OF ANESTHESIA-INDUCED HYPOTENSION IN

CATS AND DOGS. CM Egger,* MA Stevenson, EH Hofmeister,* G Touzot-Jourde,* B Rohrbach. University of Tennessee, Knoxville, TN and University of Georgia, Athens, GA.

4:20-4:40 BREAK

4:40 - 5:30 (Room 1)

KEYNOTE LECTURE: Anesthesia and MRI: There's a PATIENT in that magnet!

DR. JULIE SMITH, DVM, DACVA

Medical Director and Chief of Anesthesia

The Iams Pet Imaging Center

Vienna, Virginia

4:45-5:45

KNOWLES MEMORIAL LECTURE & AWARDS CEREMONY

MARK PAPICH, DVM DACVCP & DAWN BOOTHE, DVM, PhD, DACVIM, DACVCP

Present and Future of Pharmacotherapeutics

(ACVA resident award presentations will be included in this session.)

7:15-9:00 Welcome Reception