

TABLE OF CONTENTS

american journal of veterinary research

AJVR 81 (2) PAGES 93 – 192

JAVMA News Digest

- JAVMA News Digest 96

Antimicrobials

- Antimicrobial prescribing patterns of clinicians and clinical services
at a large animal veterinary teaching hospital 103
Laurel E. Redding, Sondra Lavigne, Helen W. Aceto, and Rose D. Nolen-Walston

Biomechanics

- Assessment of two augmentation techniques on the mechanical properties
of titanium cannulated bone screws 116
Pierre-Yves Mulon, Michael Zarzosa, David P. Harper, and David E. Anderson

Diagnostic Imaging

- Assessment of a split-bolus computed tomographic enterography technique
for simultaneous evaluation of the intestinal wall and mesenteric vasculature of dogs 122
Cheolhyun Kim, Sang-Kwon Lee, Hyejin Je, Youjung Jang, Jin-Woo Jung, and Jihye Choi

- Computed tomographic evaluation of pancreatic perfusion in healthy dogs 131
Timothy B. Kloer, Sangeeta Rao, David C. Twedt, and Angela J. Marolf

Digestive System - Nutrition

- Use of intestine-related biomarkers for detecting intestinal epithelial damage
in neonatal calves with diarrhea 139
*Mahmut Ok, Ramazan Yildiz, Fatih Hatipoglu, Nuri Baspinar, Merve Ider, Kamil Üney, Alper Ertürk,
Murat K. Durgut, and Funda Terzi*

- Prognostic value of measuring heart rate variability at the time of hospital admission
in horses with colic 147
Valentina Vitale, Judit Viu, Lara Armengou, José Ríos, and Eduard Jose-Cunilleras

Endocrinology

- Effects of treatment with lispro and neutral protamine Hagedorn insulins on serum fructosamine
and postprandial blood glucose concentrations in dogs with clinically well-controlled diabetes mellitus
and postprandial hyperglycemia 153
Abigail V. Bertalan, Kenneth J. Drobatz, and Rebecka S. Hess

Hematology

- Effects of imidazoline and nonimidazoline α -adrenoceptor agonists and antagonists, including xylazine, medetomidine, dexmedetomidine, yohimbine, and atipamezole, on aggregation of feline platelets 159
Takuya Matsukawa and Yoshiaki Hikasa

Surgery

- Insertional characteristics of three types of transfixation pin taps in third metacarpal bones from equine cadavers 172
Lauren N. Mundy, Timothy B. Lescun, Russell P. Main, and T. Hall Griffin

Urology

- Profibrotic gene transcription in renal tissues from cats with ischemia-induced chronic kidney disease 180
Bianca N. Lourenço, Amanda E. Coleman, Chad W. Schmiedt, Cathy A. Brown, Daniel R. Rissi, James B. Stanton, Steeve Giguère, Roy D. Berghaus, Scott A. Brown, and Jaime L. Tarigo