

JAVMA News Digest

JAVMA News Digest	396
-------------------------	-----

Book Reviews

Book Reviews	402
--------------------	-----

Anesthesia - Analgesia

Randomized, controlled clinical trial of safety and plasma concentrations of diclofenac in healthy neonatal foals after repeated topical application of 1% diclofenac sodium cream	405
<i>Susan E. Barnett, Debra C. Sellon, Melissa T. Hines, Kathy K. Seino, and Heather K. Knych</i>	
Assessment of the potential efficacy of blind perineural injection techniques for blockade of the saphenous, obturator, and lateral cutaneous femoral nerves in dog cadavers	412
<i>Diego F. Echeverry-Bonilla, Jessica T. Pelaez, Edwin F. Buriticá, and Francisco G. Laredo</i>	

Antimicrobials

Quality assessment of fluconazole capsules and oral suspensions compounded by pharmacies located in the United States	421
<i>Carine M. Laporte, Crisanta Cruz-Espindola, Kamoltip Thungrat, Anthea E. Schick, Thomas P. Lewis II, and Dawn M. Boothe</i>	
Pharmacokinetics of a single dose of voriconazole administered orally with and without food to red-tailed hawks (<i>Buteo jamaicensis</i>)	433
<i>Ruth A. Parsley, Lisa A. Tell, and Ronette Gehring</i>	

Cardiovascular System

Correlation between serum homocysteine concentration and severity of mitral valve disease in dogs	440
<i>Chang-Min Lee, Da-Min Jeong, Min-Hee Kang, Seung-Gon Kim, Jae-Ik Han, and Hee-Myung Park</i>	
Plasma coenzyme Q ₁₀ concentration, antioxidant status, and serum N-terminal pro-brain natriuretic peptide concentration in dogs with various cardiovascular diseases and the effect of cardiac treatment on measured variables	447
<i>Alenka Nemec Svete, Barbara Verk, Alenka Seliškar, Katerina Tomsic, Petra Jazbec Križman, and Aleksandra Domanjko Petric</i>	

Diagnostic Imaging

Magnetic resonance imaging susceptibility artifacts in the cervical vertebrae and spinal cord related to monocortical screw-polymethylmethacrylate implants in canine cadavers	458
<i>Brian G. Jones, Geoffrey T. Fosgate, Eric M. Green, Amy M. Habing, and Bianca F. Hettlich</i>	

Assessment of contrast-enhanced ultrasonography of the hepatic vein for detection of hemodynamic changes associated with experimentally induced portal hypertension in dogs	465
<i>Keitaro Morishita, Akira Hiramoto, Asuka Michishita, Satoshi Takagi, Yuki Hoshino, Takaharu Itami, Sue Yee Lim, Tatsuyuki Osuga, Sayuri Nakamura, Kenji Ochiai, Kensuke Nakamura, Hiroshi Ohta, Masahiro Yamasaki, and Mitsuyoshi Takiguchi</i>	

Description and comparison of excretory urography performed during radiography and computed tomography for evaluation of the urinary system in healthy New Zealand White rabbits (<i>Oryctolagus cuniculis</i>)	472
<i>Laura Vilalta, Raul Altuzarra, Yvonne Espada, Elisabet Dominguez, Rosa Novellas, and Jaime Martorell</i>	

Immunology

Immunologic responses in corn snakes (<i>Pantherophis guttatus</i>) after experimentally induced infection with ferlaviruses	482
<i>Annkatriin Neul, Wieland Schrödl, Rachel E. Marschang, Tina Bjick, Uwe Truyen, Heiner von Buttlar, and Michael Pees</i>	

Microbiology

Evaluation of a hypervariable octameric oligonucleotide fingerprints assay for identification of and discrimination between wild-type and vaccine strains of <i>Brucella melitensis</i>	495
<i>Lijuan Tang, Jun Liu, Yuanzhi Wang, Hui Zhang, and Chuangfu Chen</i>	

Musculoskeletal System

Variance associated with walking velocity during force platform gait analysis of a heterogeneous sample of clinically normal dogs.	500
<i>Alexander M. Piazza, Emily E. Binversie, Lauren A. Baker, Brett Nemke, Susannah J. Sample, and Peter Muir</i>	

Oncology

Effects of repeated use and reesterilization on structural and functional integrity of microwave ablation antennas	508
<i>Cyrielle A. Finck, Alex R. zur Linden, Ameet Singh, Robert A. Foster, Stephanie G. Nykamp, and William C. Sears</i>	

Surgery

Evaluation of a new method to determine the tibial tuberosity advancement distance required to reduce the patellar tendon-tibial plateau angle to 90° with the modified Maquet technique in dogs	517
<i>Paul Pillard, Veronique Livet, Quentin Cabon, Camille Bismuth, Juliette Sonet, Denise Remy, Didier Fau, Claude Carozzo, Eric Viguier, and Thibaut Cachon</i>	