

JAVMA News Digest

JAVMA News Digest	661
-------------------------	-----

Analytic Techniques

Noninvasive assessment of intracranial pressure in dogs by use of biomechanical response behavior, diagnostic imaging, and finite element analysis	667
<i>Adrienne M. Madison, Ajay Sharma, and Mark A. Haidekker</i>	

Bone, Joint, and Cartilage

Relationship between serum biomarkers of cartilage and bone metabolism and joint injury in young Thoroughbred racehorses in training	679
<i>Brendan F. Jackson, Suzanne R. Reed, Joanna S. Price, and Kristien L. P. Verheyen</i>	

Cardiovascular System

Electrocardiogram reference intervals for clinically normal wild-born chimpanzees (<i>Pan troglodytes</i>)	688
<i>Rebeca Atencia, Luis Revuelta, John D. Somauroo, and Robert E. Shave</i>	

Dynamic computed tomographic determination of scan delay for use in performing cardiac angiography in clinically normal dogs	694
<i>Jisun Kim, Yeonho Bae, Gahyun Lee, Sunghoon Jeon, and Jihye Choi</i>	

Effects of various cardiovascular drugs on indices obtained with two-dimensional speckle tracking echocardiography of the left atrium and time-left atrial area curve analysis in healthy dogs	702
<i>Tatsuyuki Osuga, Kensuke Nakamura, Tomoya Morita, Sue Yee Lim, Nozomu Yokoyama, Keitaro Morishita, Hiroshi Ohta, and Mitsuyoshi Takiguchi</i>	

Digestive System - Nutrition

Effect of dietary nonphytate phosphorus content on ileal lymphocyte subpopulations and cytokine expression in the cecal tonsils and spleen of laying hens that were or were not orally inoculated with <i>Salmonella Typhimurium</i>	710
<i>Shi P. Bai, Yong Huang, Yu H. Luo, Lei L. Wang, Xue M. Ding, Jian P. Wang, Qiu F. Zeng, and Ke Y. Zhang</i>	

Neurology

- Pharmacokinetic evaluation of immediate- and extended-release formulations of levetiracetam in dogs 719
Lindsay B. Boozer, Simon R. Platt, Allison C. Haley, Amie V. Linville, Marc Kent, Lauren E. Barron, Ben Nie, and Robert D. Arnold

- Relationship between intracranial pressure as measured by an epidural intracranial pressure monitoring system and optic nerve sheath diameter in healthy dogs 724
Laura A. Ilie, Elizabeth J. Thomovsky, Paula A. Johnson, R. Timothy Bentley, Hock Gan Heng, Hee C. Lee, and George E. Moore

Pharmacology

- Pharmacokinetics and pharmacodynamics of the factor Xa inhibitor apixaban after oral and intravenous administration to cats. 732
Jennifer A. Myers, Luke A. Wittenburg, Christine S. Olver, Caitlyn M. Martinez, and Janice M. Bright

Physiology

- Discrimination of healthy versus sick steers by means of continuous remote monitoring of animal activity 739
Jacqueline L. Smith, Eric S. Vanzant, Craig N. Carter, and Carney B. Jackson