

TABLE OF CONTENTS

american journal of veterinary research

AJVR 76 (2) PAGES 101-188

JAVMA News Digest

- JAVMA News Digest 104

Anesthesia - Analgesia

- Effects of fentanyl on isoflurane minimum alveolar concentration in New Zealand White rabbits (*Oryctolagus cuniculus*) 111
Linda S. Barter, Michelle G. Hawkins, and Bruno H. Pypendop

- Cardiovascular effects of dopamine hydrochloride and phenylephrine hydrochloride in healthy isoflurane-anesthetized New Zealand White rabbits (*Oryctolagus cuniculus*) 116
Jaclyn M. Gosliga and Linda S. Barter

Clinical Pathology

- Evaluation of contact activation of citrated equine whole blood during storage and effects of contact activation on results of recalcification-initiated thromboelastometry 122
Tanya M. Rossi, Stephanie A. Smith, Maureen A. McMichael, and Pamela A. Wilkins

Diagnostic Imaging

- Regional metabolite concentrations in the brain of healthy dogs measured by use of short echo time, single voxel proton magnetic resonance spectroscopy at 3.0 Tesla 129
Inés Carrera, Henning Richter, Dieter Meier, Patrick R. Kircher, and Matthias Dennler

Oncology

- Evaluation of a ferret-specific formula for determining body surface area to improve chemotherapeutic dosing 142
Krista L. Jones, L. Abigail Granger, Michael T. Kearney, Anderson F. da Cunha, Daniel C. Cutler, Meredith E. Shapiro, Thomas N. Tully, and Keijiro Shiomitsu

Ophthalmology

- Intraocular pressure in clinically normal dromedary camels (*Camelus dromedarius*) 149
Mohamed A. Marzok and Sabry A. El-khodery



Pharmacology

- Pharmacokinetics of pergolide after intravenous administration to horses 155
David I. Rendle, Kris J. Hughes, Gregory S. Doran, and Scott H. Edwards

Physiology

- Expression of monocarboxylate transporters I and IV and the ancillary protein CD147 in the intestinal tract of healthy horses and ponies 161
Anna K. Mykkänen, Mikael Niku, Mika Ilves, and Ninna M. Koho
- Evaluation of mean corpuscular volume difference as a marker for serum hypertonicity during water deprivation in dogs 170
Jennifer M. Reinhart, Misty R. Yancey, Lisa M. Pahlman, and Thomas Schermerhorn

Tissue Regeneration - Healing

- Characterization of endothelial colony-forming cells from peripheral blood samples of adult horses 174
Margaret M. Salter, Wen J. Seeto, Blake B. DeWitt, Sarah A. Hashimi, Dean D. Schwartz, Elizabeth A. Lipke, and Anne A. Wooldridge