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*A selection of recent interesting journal articles on feline medicine. Links to abstracts are provided when available. You must be connected to the internet to view the abstracts.*

Abstracts **highlighted in green** represent research supported by the [Winn Feline Foundation](#).

**Journal of the American Animal Hospital Association**

Abstracts available at: <http://www.jaaha.org>

Stiver, S., K. Frazier, et al. (2003). "Septicemic salmonellosis in two cats fed a raw-meat diet." J Amer Anim Hosp Assoc **39**: 538-542.

Johnson, L., M. Fry, et al. (2004). "Histoplasmosis infection in two cats from California." J Amer Anim Hosp Assoc **40**: 164-169.

Ketring, K., E. Zuckerman, et al. (2004). "Bartonella: a new etiological agent of feline ocular disease." J Amer Anim Hosp Assoc **40**: 6-12.

Minihan, A., J. Berg, et al. (2004). "Chronic diaphragmatic hernia in 34 dogs and 16 cats." J Amer Anim Hosp Assoc **40**: 51-63.

Madewell, B., T. Gieger, et al. (2004). "Vaccine site-associated sarcoma and malignant lymphoma in cats: a report of six cases (1997-2002)." J Amer Anim Hosp Assoc **40**: 47-50.

Headrick, J. and J. Mcanulty (2004). "Reconstruction of a bilateral hypoplastic soft palate in a cat." J Amer Anim Hosp Assoc **40**: 86-90.

Kunkle, G., C. Nicklin, et al. (2004). "Comparison of body temperature in cats using a veterinary infrared thermometer and a digital rectal thermometer." J Amer Anim Hosp Assoc **40**: 42-46.

DeClue, A., L. Cohn, et al. (2004). "Use of continuous blood glucose monitoring for animals with diabetes mellitus." J Amer Anim Hosp Assoc **40**(3): 171-173.

Lulich, J., C. Osborne, et al. (2004). "Effects of diet on urine composition of cats with calcium oxalate urolithiasis." J Amer Anim Hosp Assoc **40**(3): 185-191.

Seaman, R. (2004). "Exocrine pancreatic neoplasia in the cat: a case series." J Amer Anim Hosp Assoc **40**(3): 238-245.

## **American Journal of Veterinary Research**

Rishniw, M., S. Barr, et al. (2004). "Cloning and sequencing of the canine and feline cardiac troponin I genes." *Am J Vet Res* **65**(1): 53-58.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=06501&GO=GO&code=0429001&cfid=&cftoken=>

Pypendop, B. and J. Ilkiw (2004). "Hemodynamic effects of sevoflurane in cats." *Am J Vet Res* **65**(1): 20-25.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=06501&GO=GO&code=0429001&cfid=&cftoken=>

Sansom, J., Rogers, et al. (2004). "Blood pressure assessment in healthy cats and cats with hypertensive retinopathy." *Am J Vet Res* **65**(2): 245-252.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=06502&GO=GO&code=0429001&cfid=&cftoken=>

Funaba, M., A. Uchiyama, et al. (2004). "Evaluation of effects of dietary carbohydrate on formation of struvite crystals in urine and macromineral balance in clinically normal cats." *Am J Vet Res* **65**(2): 138-142.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=06502&GO=GO&code=0429001&cfid=&cftoken=>

Townsend, W., J. Stiles, et al. (2004). "Development of a reverse transcriptase-polymerase chain reaction assay to detect feline herpesvirus-1 latency-associated transcripts in the trigeminal ganglia and corneas of cats that did not have clinical signs of ocular disease." *Amer J Vet Res* **65**(3): 314-319.

<http://www.electronicipc.com/JournalEZ/toc.cfm?code=0429001>

**Seguin, M., M. Papich, et al. (2004). "Pharmacokinetics of enrofloxacin in neonatal kittens." *Amer J Vet Res* **65**(3): 350-356.**

<http://www.electronicipc.com/JournalEZ/toc.cfm?code=0429001>

White, H., L. Freeman, et al. (2004). "Effect of dietary soy on serum thyroid hormone concentrations in healthy adult cats." *Am J Vet Res* **65**(5): 586-591.

<http://www.electronicipc.com/JournalEZ/detail.cfm?code=04290010650509&CFID=229460&CFTOKEN=E5397CDA-4164-47EC-B3E19F8228BEEDFB>

Buranakarl, C., S. Mathur, et al. (2004). "Effects of dietary sodium chloride intake on renal function and blood pressure in cats with normal and reduced renal function." *Am J Vet Res* **65**(5): 620-627.

<http://www.electronicipc.com/JournalEZ/detail.cfm?code=04290010650515&CFID=229460&CFTOKEN=E5397CDA-4164-47EC-B3E19F8228BEEDFB>

## **Journal of the American Veterinary Medical Association**

Mouzin, D., M. Lorenzen, et al. (2004). "Duration of serologic response to three viral antigens in cats." *J Amer Vet Med Assoc* **224**(1): 61-66.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=22401&GO=GO&code=0429002&cfid=&cftoken>

Wang, K., D. Panciera, et al. (2004). "Accuracy of ultrasound-guided fine-needle aspiration of the liver and cytologic findings in dogs and cats: 97 cases (1990-2000)." *J Amer Vet Med Assoc* **224**(1): 75-78.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=22401&GO=GO&code=0429002&cfid=&cftoken>

Hurley, K., P. Pesavento, et al. (2004). "An outbreak of virulent systemic feline calicivirus disease." *J Amer Vet Med Assoc* **224**(2): 241-249.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=22402&GO=GO&code=0429002&cfid=&cftoken>

Spain, C., J. Scarlett, et al. (2004). "Long-term risks and benefits of early-age gonadectomy in cats." *J Amer Vet Med Assoc* **224**(3): 372-379.

<http://www.electronicipc.com/JournalEZ/toc.cfm?year=2004&IssueSelector=22403&GO=GO&code=0429002&cfid=&cftoken>

Davidson, C., G. Pettifer, et al. (2004). "Plasma fentanyl concentrations and analgesic effects during full or partial exposure to transdermal fentanyl patches in cats." *J Amer Vet Med Assoc* **224**(5): 700-705.

<http://www.electronicipc.com/JournalEZ/toc.cfm?code=0429002>

O'Rourke, K. (2004). "A puppy paternity test [news]." *J Amer Vet Med Assoc* **224**(8): 1239-1240. (no abstract)

Companion Animal Parasite Council Guidelines, available at:

<http://www.capcvet.org/>

Chomel, B., H. Boulouis, et al. (2004). "Cat scratch disease and other zoonotic Bartonella infections." *J Amer Vet Med Assoc* **224**(8): 1270-1279. [no abstract available]

## **Journal of Veterinary Internal Medicine**

Scansen, B., A. Wise, et al. (2004). "Evaluation of a p30 gene-based real-time reverse transcriptase polymerase chain reaction assay for detection of feline caliciviruses." *J Vet Intern Med* **18**(1): 135-138.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14765747](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14765747)

**Mealey, K., K. Peck, et al. (2004). "Systemic absorption of amitriptyline and buspirone after oral and transdermal administration to healthy cats." J Vet Intern Med 18(1): 43-46.**

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14765730](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14765730)

**Nelson, R., D. Spann, et al. (2004). "Evaluation of the oral antihyperglycemic drug metformin in normal and diabetic cats." J Vet Intern Med 18(1): 18-24.**

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14765727](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14765727)

### **Compendium on Continuing Education for the Practicing Veterinarian**

No abstracts available

Tefft, K. (2004). "Lily nephrotoxicity in cats." *Comp Contin Edu Pract Vet* 26(2): 149.

Pooya, H., B. Seguin, et al. (2004). "Magnetic resonance imaging in small animal medicine: clinical applications." *Comp Contin Edu Pract Vet* 26(4): 292-301.

Acierno, M. and M. Labato (2004). "Hypertension in dogs and cats." *Comp Contin Edu Pract Vet* 26(5): 336-345.

### **Journal of Feline Medicine and Surgery**

Abstracts available at:

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/623051/description](http://www.elsevier.com/wps/find/journaldescription.cws_home/623051/description)

Neilson, J. (2004). "Thinking outside the box: feline elimination." *J Fel Med Surg* 6(1): 5-11.

Beaver, B. (2004). "Fractious cats and feline aggression." *J Fel Med Surg* 6(1): 13-18.

Crowell-Davis, S., T. Curtis, et al. (2004). "Social organization in the cat: a modern understanding." *J Fel Med Surg* 6(1): 19-28.

Overall, K. (2004). "Paradigms for pharmacologic use as a treatment component in feline behavioral medicine." *J Fel Med Surg* 6(1): 29-42.

Neville, P. (2004). "An ethical viewpoint: the role of veterinarians and behaviourists in ensuring good husbandry for cats." *J Fel Med Surg* 6(1): 43-48.

### **Journal of Small Animal Practice**

Fujita, M., H. Miura, et al. (2004). "Tracheal narrowing secondary to airway obstruction in two cats." *J Sm Anim Pract* **45**:29-31.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14756207](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14756207)

Arikan, S. and H. Akkan (2004). "Titres of naturally occurring alloantibodies against feline blood group antigens in Turkish Van cats." *J Sm Anim Pract* **45**: 289-292.

(abstract available on PubMed)

### **Various Journals**

Battilani, M., T. Coradin, et al. (2003). "Quasispecies composition and phylogenetic analysis of feline coronaviruses (FCoVs) in naturally infected cats." *FEMS Immunol Med Microbiol* **39**(2): 141-147.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14625097](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14625097)

Weaver, E., E. Collisson, et al. (2004). "Phylogenetic analyses of Texas isolates indicate an evolving subtype of the clade B feline immunodeficiency virus." *J Virol* **78**(4): 2158-2163.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14747582](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14747582)

Benetka, V., A. Kubber-Heiss, et al. (2004). "Prevalence of feline coronavirus types I and II in cats with histopathologically verified feline infectious peritonitis." *Vet Microbiol* **99**(1): 31-42.

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/503320/description](http://www.elsevier.com/wps/find/journaldescription.cws_home/503320/description)

Robben, S., W. Le Nobel, et al. (2004). "[Infections with helminths and/or protozoa in cats in animal shelters in the Netherlands]." *Tijdschr Diergeneeskd* **129**(1): 2-6.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14737808](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14737808)

Barter, L., J. Ilkiw, et al. (2004). "Animal dependence of inhaled anaesthetic requirements in cats." *Br J Anaesth* **92**(2): 275-277.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14722183](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14722183)

Reisbois, A. and L. Poncelet (2004). "Olivopontocerebellar atrophy in two adult cats, sporadic cases or new genetic entity." *Vet Pathol* **41**(1): 20-29.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14715964](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14715964)

Fabbi, M., L. De Guili, et al. (2004). "Prevalence of Bartonella henselae in Italian stray cats: evaluation of serology to assess the risk of transmission of Bartonella to humans." *J Clin Microbiol* **42**(1): 264-268.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14715763](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14715763)

Baneth, G., M. Kenny, et al. (2004). "Infection with a proposed new subspecies of *Babesia canis*, *Babesia canis* subsp. *presentii*, in domestic cats." *J Clin Microbiol* **42**(1): 99-105.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14715738](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14715738)

Giordano, A., V. Spagnolo, et al. (2004). "Changes in some acute phase protein and immunoglobulin concentrations in cats affected by feline infectious peritonitis or exposed to feline coronavirus infection." *Vet J* **167**(1): 38-44.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14623149](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14623149)

Munson, L., L. Chassy, et al. (2004). "Efficacy, safety and reversibility of bisdiazine as a male contraceptive in cats." *Theriogenology* **62**(1-2): 81-92.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=15159103](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15159103)

Martin, D., B. Krum, et al. (2004). "An inversion of 25 base pairs causes feline GM2 gangliosidosis variant." *Exp Neurol* **187**(1): 30-37.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=15081585](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15081585)

Chalker, V., W. Owen, et al. (2004). "Development of a polymerase chain reaction for the detection of *Mycoplasma felis* in domestic cats." *Vet Microbiol* **100**(1-2): 77-82.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=15135515](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15135515)

Mansfield, K., P. Burr, et al. (2004). "Factors affecting the serological response of dogs and cats to rabies vaccination." *Vet Rec* **154**(14): 423-426.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=15119893](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15119893)

Freytag, T., S. Liu, et al. (2003). "Teratogenic effects of chronic ingestion of high levels of vitamin A in cats." *J Anim Physiol Anim Nutr (Berl)* **87**(1-2): 42-51.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list\\_uids=14511148](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=14511148)

Soma, T. and H. Ishii (2004). "Detection of feline coronavirus antibody, feline immunodeficiency virus antibody, and feline leukemia virus antigen in ascites from cats with effusive feline infectious peritonitis." *J Vet Med Sci* **66**(1): 89-90.

[http://www.jstage.jst.go.jp/article/jvms/66/1/66\\_89/\\_article/-char/en](http://www.jstage.jst.go.jp/article/jvms/66/1/66_89/_article/-char/en)

**From Feline Advisory Bureau ([www.fabcats.org](http://www.fabcats.org)) and The Cat Group ([www.thecatgroup.org.uk](http://www.thecatgroup.org.uk)):**

Feline chronic small airway disease (feline asthma), Fact Sheet 51:  
<http://www.fabcats.org/felineasthma.html>

Cats and toxoplasmosis: what are the risks?  
<http://www.users.waitrose.com/~thecatgroup/toxo.html>