

Curriculum Vitae

DARCY BRITTAIN ADIN, DVM, DIP. ACVIM (CARDIOLOGY)

REFFEREED PUBLICATIONS

- Kommedal A, Adin DB. Ventricular pacing lead perforation and migration in a dog. *J Vet Card* 2007, submitted
- Adin DB, Diley-Poston L. Papillary muscle measurements in cats with normal echocardiograms and cats with left ventricular hypertrophy. *J Vet Intern Med* 2007: in press.
- Adin DB, Maisenbacher H, Ojeda N, Fiorello C, Estrada AH, Prosek R. Cardiac evaluation of Grevy's zebras (*Equus grevyi*). *Am J Vet Res*, 2007;68(2):148-152.
- Musulin S, Adin DB. ECG of the month. *JAVMA*, 2006;229(4):505-7.
- Maisenbacher H, Adin DB. ECG of the month. *JAVMA* 2006;229(1):40-42.
- Adin DB, Oyama MA, Sleeper MM, Milner RJ. Comparison of canine cardiac troponin I concentrations as determined by 3 different analyzers. *J Vet Intern Med*, 2006;20(5):1136-42.
- Tou SP, Adin DB. Echocardiographic estimation of systemic systolic blood pressure in dogs with mild mitral regurgitation. *J Vet Intern Med* 2006;20(5):1127-31.
- Giguere S, Bucki E, Adin DB, Valverde A, Estrada AH. Assessment of noninvasive cardiac output measurement by partial carbon dioxide rebreathing or two-dimensional echocardiography by comparison to the lithium dilution method in anesthetized neonatal foals. *J Vet Intern Med*, 2005;19(5):737-43.
- Adin DB, Milner RJ, Berger KD, Engel C, Salute M. Cardiac troponin I concentrations in normal dogs and cats using a bedside analyzer. *J Vet Card* 2005;7(1):27-32.
- Tou, S, Adin DB, Castleman W. Mitral Valve Endocarditis Following Dental Prophylaxis in a Dog with Myxomatous Degeneration. *J Vet Intern Med* 2005;19(2):268-70.
- Adin DB, McCloy K. Physiologic Valve Regurgitation in Normal Cats. *J Vet Card* 2005;7(1):9-14.
- Adin DB. The Enlarged Heart. *NAVC Clinician's Brief* May 2004:42-43.
- Adin DB, France M. ECG of the Month. *JAVMA* 2004;224(8):1258-60.
- Adin DB, Taylor AW, Hill RC, Scott KC, Martin FG. Intermittent bolus injection versus continuous infusion of furosemide in normal adult greyhound dogs. *J Vet Intern Med* 2003;17(5):724-6.
- Adin DB, Hill RC, Scott KC. Short term compatibility of furosemide with crystalloid solutions. *J Vet Intern Med* 2003;17(5):632-6.
- Phillips W, Giguere S, Franklin R, Hernandez J, Adin D, Peloso J. Cardiac troponin I in pastured and race-training thoroughbred horses. *J Vet Intern Med* 2003;17(4):597-9..
- Adin CA, Gregory CR, Adin DB, Cowgill LD, Kyles AI, Perez R. Evaluation of three peripheral arteriovenous fistulas for chronic vascular access. *Vet Surg* 2002;31(5):405-411.
- Adin DB, Kittleson MD, Hornof WJ, Kass PH. Efficacy of a single oral dose of isosorbide 5-mononitrate in normal dogs and in dogs with congestive heart failure. *J Vet Intern Med* 2001;15:105-111.

Adin DB, Thomas, WP. Balloon Dilation of Cor Triatriatum Dexter in a Dog. *J Vet Intern Med* 1999;13:617-619.

Moise NS, Moon PH, Flahive WJ, Brittain D, Pride HI, Lewis BA, Zipes DP, Lee RJ, Gilmour RF Jr. Phenylephrine induced ventricular arrhythmias in dogs with inherited sudden death. *J Cardiovasc Electrophysiol* 1996;7(3):217-230.

Moise NS, Dugger DA, Brittain D, Flahive WJ, Riccio ML, Ernst S, Scarlett J, Mohammed HO, Morrison AR, Gilmour RF Jr. Relationship of ventricular tachycardia to sleep/wakefulness in a model of sudden cardiac death. *Ped Res* 1996;40:344-350.

Brittain D, Concannon PW, Flanders JA, Flahive WJ, Lewis BA, Meyers-Wallen V, Moise NS. Use of surgical intrauterine insemination to manage infertility in a colony of research German shepherd dogs. *Lab An Science* 1995;45(4):404-407.

UNREFERREED PUBLICATIONS

Adin DB, Thomas WP. Book Review: Textbook of Canine and Feline Cardiology: Principles and Clinical Practice (2nd ed) by Fox, Sisson, and Moise, et al. *Vet Surg* 2000;29:81-82.

BOOK CHAPTERS

Adin DB, Adin CA. Vascular Ring Anomalies. In: Clinical Veterinary Advisor: Dogs and Cats, Cote E, ed. Elsevier, St. Louis, Missouri. 2007:1144-46.

Adin DB. Tricuspid Dysplasia. In: Current Veterinary Therapy XIV. Bonagura J, ed. 2007 in press.

ABSTRACTS

Shih A, Adin DB, Maisenbacher H, Prosek R, Estrada AH. Cardiac troponin I concentrations during and after routine cardiac catheterization in dogs. *J Vet Intern Med*, 2007: 21(3):588A.

Prosek R, Estrada AE, Adin DB. Comparison of sotalol and mexiletine versus stand alone sotalol in treatment of boxer dogs with ventricular arrhythmias. *J Vet Intern Med*, 2006:20(3):710-802A.

Adin DB, Oyama MA, Sleeper MM, Milner RJ. Comparison of canine cardiac troponin I concentrations as determined by 3 different analyzers. *J Vet Intern Med*, 2006:20(3):710-802A.

Tou SP, Adin DB. Echocardiographic estimation of systemic systolic blood pressure in dogs with mild mitral regurgitation. *J Vet Intern Med* 2005; 19(3):454A.

Adin DB, McCloy K. Physiologic valve regurgitation in normal cats. *J Vet Intern Med* 2004; 18(3):A.

Adin DB, Berger KD, Engel C, Milner R, Salute M. Cardiac enzyme concentrations in normal dogs and cats using a bedside analyzer. *J Vet Intern Med* 2004; 18(3):A.

Adin DB, Taylor AW, Hill RC, Scott KC, Martin FG. Intermittent bolus injection versus continuous infusion of furosemide in normal adult greyhound dogs. *J Vet Intern Med* 2003; 17(3):439A.

Adin CA, Gregory CR, Adin DB, Cowgill LD, Kyles AE, Perez R. Evaluation of three peripheral

arteriovenous fistulas for chronic vascular access. *Vet Surg* 2000;29(5):456A

Adin CA, Gregory CR, Cowgill LC, Kyles AE, Adin DB. Diagnostic predictors of complications and survival following renal transplantation in cats. *Vet Surg* 2000;29(5):456A.

Adin DB, Thomas WP, Adin CA, Kass PH. Echocardiographic evaluation of cats with chronic renal failure. *J Vet Intern Med* 2000;14 (3):337A.

Adin DB, Kittleson MD, Hornof WJ, Kass PH, Jonsson UE. Evaluation of isosorbide mononitrate in dogs with heart failure. *J Vet Intern Med* 2000:14 (May-June)A.

Adin DB, Kittleson MD, Hornof WJ, Long C, Jonsson UE. Evaluation of isosorbide mononitrate in normal dogs. *J Vet Intern Med* 1999:13 (May-June)A.

Miller KE, Decker GE, Brittain D, Carpenter JF, Brooks RR. The class III antiarrhythmic NE-10064 suppresses ouabain -induced arrhythmias in guinea pigs. *Canad J Physiol and Pharm* 1994;72 (suppl 1): 82A.

SCIENTIFIC PRESENTATIONS

Shih A, Adin DB, Maisenbacher H, Prosek R, Estrada AH. Cardiac troponin I concentrations during and after routine cardiac catheterization in dogs. Oral presentation (Shih), ACVIM forum, Seattle, WA, June 2007.

Prosek R, Estrada AE, Adin DB. Comparison of sotalol and mexiletine versus stand alone sotalol in treatment of boxer dogs with ventricular arrhythmias. Oral presentation (Prosek), ACVIM forum, Louisville, KY, May 2006.

Adin DB, Oyama MA, Sleeper MM, Milner RJ. Comparison of canine cardiac troponin I concentrations as determined by 3 different analyzers. Poster ACVIM forum, Louisville, KY May 2006.

Maisenbacher H, Paollilo J, Estrada AH, Adin DB, Prosek R. A doggone day in the cath lab: collaboration between pediatric and veterinary cardiologists in canines with congenital heart disease. 4th World Congress in Pediatric Cardiology and Cardiothoracic Surgery, Buenos Aires, September 2005.

Tou SP, Adin DB. Echocardiographic estimation of systemic systolic blood pressure in dogs with mild mitral regurgitation. Poster ACVIM forum, Baltimore, MD, June 2005.

Adin DB, McCloy K. Physiologic valve regurgitation in normal cats. Poster ACVIM forum, Minneapolis, MN, June 2004.

Adin DB, Berger KD, Milner R, Salute M. Cardiac enzyme concentrations in normal dogs and cats using a bedside analyzer. Poster ACVIM forum, Minneapolis, MN, June 2004.

Adin DB, Taylor AW, Hill RC, Scott KC, Martin FG. Intermittent bolus injection versus continuous infusion of furosemide in normal adult greyhound dogs. Poster ACVIM forum, Charlotte, NC, June 2003.

Adin DB, Thomas WP, Adin CA, Kass PH. Echocardiographic evaluation of cats with chronic renal failure. Oral presentation ACVIM forum, Seattle, WA, May, 2000.

Adin DB, Kittleson MD, Hornof WJ, Kass PH, Jonsson UE. Evaluation of isosorbide mononitrate in dogs with heart failure. Poster ACVIM forum, Seattle, WA, May 2000.

Adin DB, Kittleson MD, Hornof WJ, Long C, Jonsson UE. Evaluation of isosorbide mononitrate in normal dogs. Oral presentation ACVIM forum, Chicago, June 1999.

CONTINUING EDUCATION LECTURES

Animals; More than just pets?	Retirees Group, Browncroft Community Church, 6/07
Update on Treatment of Congestive Heart Failure	Monroe Vet Assoc CE Rochester, NY 10/06
Interventional Veterinary Cardiology Recognition and Management of Supraventricular Tachyarrhythmias Recognition and Management of Ventricular Tachyarrhythmias Feline Cardiomyopathies Myxomatous Mitral Valve Degeneration Murmurs, Splits, Clicks and Gallops; The approach to abnormal heart sounds	Florida VMA Meeting Orlando, FL 9/5/03
The cardiac physical examination Veterinary echocardiography	Seminar for Japanese Veterinary Students Univ. of Florida 3/03
Interpreting the Feline ECG: Challenging cases	University of Florida Fel. Med Club 1/03
Canine heart sounds and physical examination	University of Florida Canine Med Club 2/02
Cats: Murmurs, Meanings and Cardiomyopathies	University of Florida Fel. Med. Club 3/02
Instruction in Echocardiography Laboratory, January, 2002	NAVCA, Orlando, FL
Veterinary Echocardiography	University of Florida 12/01, 2/02
Murmurs, Splits, Clicks and Gallops: The approach to abnormal heart sounds	Portland VMA 4/01
Pericardial Diseases of Dogs and Cats	Monterey Bay VMA 4/00 Monroe County VMA 2/00

TEACHING EXPERIENCE

VEM 5111H Cardiovascular Physiology, 1 hr Clinical Correlates	University of Florida 1/05
VEM 5286 Clinical Pharmacology, 2 hrs Case Studies in Cardiovascular Pharmacology	University of Florida 2/03, 2/04, 1/05, 1/06

VEM 6936 Seminars in Medicine, 1 hr each "Cardiac Biomarkers; Research and Clinical Applications" "Principles of Veterinary Echocardiography" "Mechanisms of Arrhythmogenesis: Relevance to Everyday Cardiology" "Endocarditis: Diagnostic and Treatment Challenges"	University of Florida 4/04 4/03 12/02 3/02
VEM 5251 Emergency Critical Care course, 2 hrs Emergency treatment of congestive heart failure Emergency treatment of congestive heart failure discussion	University of Florida 3/02- 3/06
VEM 5301 Cardiopulmonary course, 18 hrs lecture, two labs Heart failure pathophysiology I Heart failure pathophysiology II Acquired valvular disease Dilated cardiomyopathy Hypertrophic cardiomyopathy Management of Cardiac Disease Acquired cardiac disease discussion Congenital heart disease I Congenital heart disease II Fall 2001-2002 Congenital heart disease discussion Echocardiography and heart sounds laboratory Basic electrocardiography I Basic electrocardiography II Basic electrocardiography discussion Conduction disturbances Bradyarrhythmias Tachyarrhythmias Large Animal Cardiology ECG discussion ECG laboratory	University of Florida Fall 2001-2005
VEM 5301 Cardiopulmonary course, coordinator	University of Florida Fall 2002-2005
VEM 5325 Small Animal Medicine course, 4 hrs lecture Thromboembolic disease Thromboembolic disease discussion Endocarditis Pericardial disease	University of Florida Spring 2002-2006
Electrocardiography rounds, biweekly	University of Florida 9/01 – 5/06
Monthly intern rounds in cardiology	Vet Spec of Rochester Rochester, NY 4/04 – 5/06

MEMBERSHIPS

American Veterinary Medical Society	1996-present
American College of Veterinary Internal Medicine	2000-present
NYS Veterinary Medical Society	2006-present

HONORS AND AWARDS

UNIVERSITY OF FLORIDA, Gainesville, FL	
College Teacher of the Year	2004
Clinical Sciences SCAVMA Teacher of the Year	2003
Small Animal Clinician of the Year	2003
AMERICAN COLLEGE OF VETERINARY INTERNAL MEDICINE	
Young Investigator Research Award	1999
CORNELL UNIVERSITY, Ithaca, NY	
Gary Bolton Cardiology Award	1996
Merck Manual Award	1996
Phi Zeta, Veterinary Honor Society	1995
Ryman and Catherine Powell Scholarship Award	1994
American Kennel Club Educational Grant	1994
HARTWICK COLLEGE, Oneonta, NY	
NYS Empire State Scholarship of Excellence	1988-1992
Oyaron Scholarship	1988-1992
Dean's List	1988-1992
Faculty Scholar Award (highest departmental award)	1991
Women's Club Scholarship	1991
Deubler Biology Award	1990
Outstanding Freshman Biology Award	1989