

Maggie Machen Lamy
DVM, DACVIM (Cardiology)
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Work Experience

Cardiologist August 2014- present
Cardiology Private Practice

Cardiology Telemedicine Consultant 2015-present
Sonopath, LLC

Education and Postgraduate Training

Residency in Cardiology July 2010- July 2014
Matthew J. Ryan Veterinary Hospital Philadelphia, PA
University of Pennsylvania

Rotating Internship in Small Animal Medicine and Surgery June 2009-June 2010 Red Bank
Veterinary Hospital Tinton Falls, NJ

Doctor of Veterinary Medicine May 2009
University of Florida Gainesville, FL

Bachelor of Science *Cum Laude, Dean's List* May 2003
University of Utah Salt Lake City, UT
Major: Exercise and Sport Science
Minor: Chemistry

Publications

Machen, MC, Oyama MA, Gordon SG, Rush JE, Achen SE, Stepien RL, Fox PR, Saunders AB, Cunningham SM, Lee PM, Kelliham HB. Multi-centered investigation of a point-of-care NT-proBNP ELISA assay to detect moderate to severe occult (pre-clinical) feline heart disease in cats referred for cardiac evaluation. *Journal of Veterinary Cardiology* 16.4 (2014): 245-255.

Machen MC, Sleeper MM. Ventricular Failure and Myocardial Infarction. In DC Silverstein & K Hopper (Eds.), *Small Animal Critical Care Medicine*. St. Louis, MO: Saunders Elsevier. In press.

Solter PF, Oyama MA, **Machen MC**, Sisson D. Detection by ELISA of low-picomolar concentrations of C-terminal proBNP in plasma from cats with cardiomyopathy. Manuscript in preparation.

Langhorn, R, Oyama, MA, King, L, **Machen, MC**, Trafny, D, Thawley, V, Willesen, JL, Tarnow, I, Kjelgaard-Hansen, M. Prognostic importance of myocardial injury in critically ill dogs with systemic inflammation. *J Vet Int Med* 27.4 (2013): 895-903.

Peddle GD, Singletary GE, Reynolds CA, Trafny DJ, **Machen MC**, Oyama MA. Effect of Torsemide and Furosemide on Clinical, Laboratory, Radiographic and Quality of Life Variables in Dogs with Heart Failure Secondary to Mitral Valve Disease. *J Vet Cardiol* 2012; Mar;14(1):253-9.

Machen MC, Estrada AH, Prosek R. ECG of the Month. Atrioventricular Block and Atrial Flutter. *J Am Vet Med Assoc* 2008; Dec; 233(11):1694-1696.

Research Abstracts

Machen, MC; Gordon SG; Buch J; Rush JE; Achen SE; Stepien RL; Fox PR; Lee PM. Multicentered Investigation of NT-ProBNP ELISA Assay to Detect Moderate to Severe Occult (Asymptomatic) Feline Heart Disease. ACVIM Forum, Seattle, WA. June 2013.

Machen, MC; Hezzell, MJ, Oyama, MA. Effect of Atenolol Therapy on Echocardiographic Parameters in Cats with Hypertrophic Obstructive Cardiomyopathy. ACVIM Forum, New Orleans, LA. June 2012.

Machen, MC; Gordon, SG; Buch, J; Oyama, MA. Detection of Feline Cardiomyopathy Using a Pet-Side Point-of-care Second Generation NT-proBNP ELISA Assay. ACVIM Forum, New Orleans, LA. June 2012.

Cohen, RL; Singletary, GE; **Machen, MC**; Trafny, DJ; Oyama, MA. Effect of a Heart Murmur on Adoptability of Cats in an Urban No-Kill Rescue Organization. ACVIM Forum, New Orleans, LA. June 2012.

Hernandez-Lopez, J; **Machen, MC**; Oyama, MA. Radiographic Vertebral Heart Size and Left Atrial Bisecting Line: Interobserver Variability and Comparison to Echocardiographic Left Atrial Size in Dogs with Degenerative Mitral Valve Disease. ACVIM Forum, New Orleans, LA. June 2012.

Oyama, MA; **Machen, MC**; Trafny, DJ; Singletary, GE; Gupta, RC; Sainger, R; Sabbah, HN. Survey of Six Potential Cardiac Biomarkers in Dogs with Heart Disease: Chromogranin-A, Endoglin, Galectin-3, NT-ProBNP, ST2, and Osteopontin. ACVIM Forum, New Orleans, LA. June 2012.

Vitt, J; **Machen, MC**; Oyama, MA. Incidence of Heart Disease in Cats with Electrocardiographic Evidence of Leftward Mean Electrical Axis Shift. ACVIM Forum, New Orleans, LA. June 2012.

Peddle, GD; Singletary, GE; Reynolds, CA; Trafny, DJ; **Machen, MC**; Oyama, MA. Effect of Torsemide vs Furosemide on Clinical, Laboratory, Radiographic, and Owner-Perceived Quality of Life Variables in Dogs with Heart Failure. ACVIM Forum, Denver, CO. June 2011.

Singletary GE, Oyama MA, Cohen RL, **Machen MC**, Connolly J. Plasma Concentrations of ICAM-1 and E-selectin in Dogs with Mitral Valve Disease. ACVIM Forum, Denver, CO. June 2011.

Cohen RL, **Machen MC**, Singletary GE, Michel C, Oyama MA. Exercise Induced Variability of Plasma N-Terminal Pro-BNP in Healthy Dogs. ACVIM Forum, Denver, CO. June 2011.

Presentations/Lectures

Cardiac Emergencies. Palm Beach Veterinary Specialists. Specialist continuing education. West Palm Beach, FL. 2015.

Feline Heart Disease. Palm Beach Veterinary Society Monthly Meeting. West Palm Beach, FL. September 2013.

Feline Heart Disease and NT-proBNP. Idexx Laboratories, Portland, ME. March 2013.

Arrhythmogenic Right Ventricular Cardiomyopathy. Red Bank Veterinary Hospital Grand Rounds, Tinton Falls, NJ. November 2009.

Teaching

Echocardiography for the General Practitioner. Ultrasound lab instructor for intermediate and advanced courses. Universal Imaging, Bedford Hills, NY. 2011-2014.

Cardiovascular Physical Exam Lab, Introduction to Clinical Veterinary Medicine (first year curriculum). University of Pennsylvania School of Veterinary Medicine. 6 hours. January 2011, February 2012, February 2013.

Continuing Education

DACVIM Cardiology Symposium; Advanced Cardiac Education Group; Chicago, IL
October 2018

Palm Beach Veterinary Society; monthly continuing education lectures; West Palm Beach, FL (September 2014-present).

Annual ACVIM Forum, Denver, Co (June 2016)

Annual ACVIM Forum, Indianapolis, IN (June 2015).

Annual ACVIM Forum, Nashville, TN (June 2014).

American College of Cardiology Annual Scientific Session and Expo, Chicago, IL (March 2012).

Annual ACVIM Forum, Seattle, WA (June 2013).

Annual ACVIM Forum, Denver, CO (June 2011).

Annual Penn Conference, Philadelphia, PA (2011-2014).

Cardiac Pathology and Angiography Rounds (weekly), University of Pennsylvania School of Veterinary Medicine, Section of Cardiology (July 2010-2014).

Cardiology Journal Club (weekly), University of Pennsylvania School of Veterinary Medicine, Section of Cardiology (July 2010-2014).

Cardiology Resident Topic Rounds (weekly), University of Pennsylvania School of Veterinary Medicine, Section of Cardiology (July 2010-2014)

Cardiology Grand Rounds (weekly), Hospital of the University of Pennsylvania, Department of Cardiology (July 2010-2014).

Pediatric Cardiac Pathology Rounds, Children's Hospital of the University of Pennsylvania (July 2010-2014).

Electrocardiography Conference (Weekly), Hospital of the University of Pennsylvania (January 2012-2014).

Grand Rounds (weekly), Matthew J. Ryan Veterinary Hospital of the University of Pennsylvania (July 2010-July 2011).

Membership

Palm Beach Veterinary Society	2013- present
Treasure Coast Veterinary Society	2013- present
ACVIM	2013- present
AVMA	2013- present

Honors and Awards

Outstanding Research Abstract by a Resident; oral presentation. University of Pennsylvania School of Veterinary Medicine House Officer Research Day, June 2014.

Elsevier Small Animal Surgery Award, May 2009

St. Francis Pet Care Clinic Community Service Award, May 2009

Angel Dogs Scholarship Recipient, May 2009

Outstanding Undergraduate of the senior class, 2003

International Rhodes Scholar Nominee, 2002

References

Mark A. Oyama, DVM, DACVIM (Cardiology)
Associate Professor, Cardiology
Department of Clinical Studies, School of Veterinary Medicine, University of Pennsylvania
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Meg Sleeper, VMD, DACVIM (Cardiology)
Associate Professor, Cardiology
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Beth Lechner, DVM, DACVIM (Internal Medicine)
Animal Emergency and Critical Care Center of Brevard; Melbourne, FL
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