

References

- Atkins, C., Bonagura, J., Ettinger, S., Fox, P., Gordon, S., Haggstrom, J., Hamlin, R., Keene, B., Luis-Fuentes, V., Stepien, R., 2009. Guidelines for the diagnosis and treatment of canine chronic valvular heart disease. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 23, 1142-1150.
- Atkins, C.E., Keene, B.W., Brown, W.A., Coats, J.R., Crawford, M.A., DeFrancesco, T.C., Edwards, N.J., Fox, P.R., Lehmkuhl, L.B., Luethy, M.W., Meurs, K.M., Petrie, J.P., Pipers, F.S., Rosenthal, S.L., Sidley, J.A., Straus, J.H., 2007. Results of the veterinary enalapril trial to prove reduction in onset of heart failure in dogs chronically treated with enalapril alone for compensated, naturally occurring mitral valve insufficiency. *Journal of the American Veterinary Medical Association* 231, 1061-1069.
- Bavegems, V., Van Caelenberg, A., Duchateau, L., Sys, S.U., Van Bree, H., De Rick, A., 2005. Vertebral heart size ranges specific for whippets. *Vet Radiol Ultrasoun* 46, 400-403.
- Beardow, A.W., Buchanan, J.W., 1993. Chronic mitral valve disease in cavalier King Charles spaniels: 95 cases (1987-1991). *Journal of the American Veterinary Medical Association* 203, 1023-1029.
- Birks, R., Fine, D.M., Leach, S.B., Clay, S.E., Eason, B.D., Britt, L.G., Lamb, K.E., 2017. Breed-Specific Vertebral Heart Scale for the Dachshund. *J Am Anim Hosp Assoc* 53, 73-79.
- Borgarelli, M., Tarducci, A., Zanatta, R., Haggstrom, J., 2007. Decreased systolic function and inadequate hypertrophy in large and small breed dogs with chronic mitral valve insufficiency. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 21, 61-67.
- Boswood, A., Haggstrom, J., Gordon, S.G., Wess, G., Stepien, R.L., Oyama, M.A., Keene, B.W., Bonagura, J., MacDonald, K.A., Patteson, M., Smith, S., Fox, P.R., Sanderson, K., Woolley, R., Szatmari, V., Menaut, P., Church, W.M., O'Sullivan, M.L., Jaudon, J.P., Kresken, J.G., Rush, J., Barrett, K.A., Rosenthal, S.L., Saunders, A.B., Ljungvall, I., Deinert, M., Bomassi, E., Estrada, A.H., Fernandez Del Palacio, M.J., Moise, N.S., Abbott, J.A., Fujii, Y., Spier, A., Luethy, M.W., Santilli, R.A., Uechi, M., Tidholm, A., Watson, P., 2016. Effect of Pimobendan in Dogs with Preclinical Myxomatous Mitral Valve Disease and Cardiomegaly: The EPIC Study-A Randomized Clinical Trial. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine*.
- Buchanan, J., 1999. Prevalence of cardiovascular disorders, In: *Textbook of Canine and Feline Cardiology*, 2nd ed. W.B. Saunders, Philadelphia, pp. 457-470.
- Buchanan, J.W., 1977. Chronic valvular disease (endocardiosis) in dogs. *Adv Vet Sci Comp Med* 21, 75-106.
- Choisunirachon, N., Kamonrat, P., 2008. Vertebral scale system to measure heart size in radiographs of Shih-tzus. *Thai J Vet Med* 38, 60-60.
- Cornell, C.C., Kittleson, M.D., Della Torre, P., Haggstrom, J., Lombard, C.W., Pedersen, H.D., Vollmar, A., Wey, A., 2004. Allometric scaling of M-mode cardiac measurements in normal adult dogs. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 18, 311-321.
- Ferasin, L., Crews, L., Biller, D.S., Lamb, K.E., Borgarelli, M., 2013. Risk factors for coughing in dogs with naturally acquired myxomatous mitral valve disease. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 27, 286-292.
- Ferasin, L., Linney, C., 2019. Coughing in dogs: what is the evidence for and against a cardiac cough? *The Journal of small animal practice* 60, 139-145.
- Hansson, K., Haggstrom, J., Kvart, C., Lord, P., 2002. Left atrial to aortic root indices using two-dimensional and M-mode echocardiography in cavalier King Charles spaniels with and without left atrial enlargement. *Vet Radiol Ultrasound* 43, 568-575.
- Hezzell, M.J., Boswood, A., Moonarmart, W., Elliott, J., 2012. Selected echocardiographic variables change more rapidly in dogs that die from myxomatous mitral valve disease. *Journal of veterinary cardiology : the official journal of the European Society of Veterinary Cardiology* 14, 269-279.
- Jepsen-Grant, K., Pollard, R.E., Johnson, L.R., 2013. Vertebral Heart Scores in Eight Dog Breeds. *Vet Radiol Ultrasoun* 54, 3-8.
- Keene, B.W., Atkins, C.E., Bonagura, J.D., Fox, P.R., Haggstrom, J., Fuentes, V.L., Oyama, M.A., Rush, J.E., Stepien, R., Uechi, M., 2019. ACVIM consensus guidelines for the diagnosis and treatment of

myxomatous mitral valve disease in dogs. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine*.

Kittleson, M.D., Kienle, R.D., 1998. Myxomatous atrioventricular valvular degeneration, In: *Small Animal Cardiovascular Medicine*, 1st ed. Mosby, St. Louis, pp. 297-318.

Kraetschmer, S., Ludwig, K., Meneses, F., Nolte, I., Simon, D., 2008. Vertebral heart scale in the beagle dog. *The Journal of small animal practice* 49, 240-243.

Kvart, C., Haggstrom, J., Pedersen, H.D., Hansson, K., Eriksson, A., Jarvinen, A.K., Tidholm, A., Bsenko, K., Ahlgren, E., Ilves, M., Ablad, B., Falk, T., Bjerkfas, E., Gundler, S., Lord, P., Wegeland, G., Adolfsson, E., Corfitzen, J., 2002. Efficacy of enalapril for prevention of congestive heart failure in dogs with myxomatous valve disease and asymptomatic mitral regurgitation. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 16, 80-88.

Lamb, C.R., Wikeley, H., Boswood, A., Pfeiffer, D.U., 2001. Use of breed-specific ranges for the vertebral heart scale as an aid to the radiographic diagnosis of cardiac disease in dogs. *Vet Rec* 148, 707-711.

Ljungvall, I., Rishniw, M., Porciello, F., Ferasin, L., Ohad, D.G., 2014. Murmur intensity in small-breed dogs with myxomatous mitral valve disease reflects disease severity. *The Journal of small animal practice* 55, 545-550.

Lord, P.F., Hansson, K., Carnabuci, C., Kvart, C., Haggstrom, J., 2011. Radiographic heart size and its rate of increase as tests for onset of congestive heart failure in Cavalier King Charles Spaniels with mitral valve regurgitation. *Journal of veterinary internal medicine / American College of Veterinary Internal Medicine* 25, 1312-1319.

Malcolm, E.L., Visser, L.C., Phillips, K.L., Johnson, L.R., 2018. Diagnostic value of vertebral left atrial size as determined from thoracic radiographs for assessment of left atrial size in dogs with myxomatous mitral valve disease. *Javma-J Am Vet Med A* 253, 1038-1045.

Marin, L.M., Brown, J., McBrien, C., Baumwart, R., Samii, V.F., Couto, C.G., 2007. Vertebral heart size in retired racing greyhounds. *Vet Radiol Ultrasoun* 48, 332-334.