

VII. Literaturverzeichnis

ABELMANN, W.H. (1984):

Classification and natural history of primary myocardial disease.
Prog Cardiovascular Dis 27, 73-90

ATKINS, C.E. (1991):

The role of noncardiac disease in the development and precipitation of heart failure.
Vet Clinics North Am Small Anim Pract 21, 1035-1080

BAYON, A.; FERNANDEZ DEL PALACIO, M.J.; MONTES, A.M.; GUTIERREZ PANIZO, C. (1994):

M-mode echocardiography study in growing spanish mastiffs.
J Small Anim Pract 35, 473-479

BÖHLES, H. (1985):

Carnitin - Biochemie und Klinik.
Infusionstherapie 12, 60-69

BOIKO, R. (1996):

Plasma-Magnesiumkonzentration bei Hunden mit dialatativer Kardiomyopathie und/oder Atrioventrikularklappenfibrose.
Dissertation, Freie Universität Berlin

BONAGURA, J.D. (1983):

M-Mode echocardiography: Basic principles.
Vet Clin North Am Small Anim Pract 13, 299-320

BONAGURA, J.D.; O'GRADY, M.R.; HERRING, D.S. (1985):

Echocardiography. Principles of interpretation.
Vet Clin North Am Small Anim Pract 15, 1177-1194

BONAGURA, J.D.; HERRING, D.S. (1985):

Echocardiography. Acquired heart disease.
Vet Clin North Am Small Anim. Pract 15, 1209-1224

BONAGURA, J.D.; WARE, W.A. (1986):

Atrial fibrillation in the dog: clinical findings in 81 cases.
J Am Anim Hosp Assoc 22, 111-120

BOON, J.A. (1998 a):

Mitral insufficiency: Color-Flow Doppler/Spectral Doppler.
In: Manual of veterinary echocardiography. Boon, J.A. (Hrsg.) Baltimore [u.a.]: Williams and Wilkins, 276-286

BOON, J.A. (1998 b):

Dilated Cardiomyopathy.
In: Manual of veterinary echocardiography. Boon, J.A. (Hrsg.) Baltimore [u.a.]: Williams and Wilkins, 320-328

BOON, J.A.; WINGFIELD, W.E.; MILLER, C.W. (1983):
Echocardiographic indices in the normal dog.
Vet Radiol Ultrasound 24, 214-221

BORGARELLI, M.; TARDUCCI, A.; BUSSADORI, C.; RU, G. (1996):
Echocardiographic and echo-doppler parameters in normal great Danes.
Proc. of 6th Annual Congress of ESVIM, 63

BOROW, K.M.; GREEN, L.H.; MANN, T.; SLOSS, L.J.; BRAUNWALD, E.; COLLINS, J.J.; COHN, L.; GROSSMAN, W. (1980):
End-systolic volumes as a predictor of postoperative left ventricular performance in volume overload from valvular regurgitation.
Am J Med 68, 655-663

BREMER, J. (1983):
Carnitine - metabolism and functions.
Physiol Rev 63, 1420-1480

BUCHANAN, J.W. (1992):
Causes and prevalence of cardiovascular disease.
In: Current veterinary therapy XVI. Kirk, R.W.; Bonagura, J.D. (Hrsg.). Philadelphia [u.a.]: W.B. Saunders Company, 647-655

BUCHANAN, J.W.; BÜCHELER, J. (1995):
Vertebral scale system to measure canine heart size in radiographs.
J Am Vet Med Assoc 206, 194-199

BUNCH, S.E. (1990):
Characterisation of serum bile acids in dogs.
Proc. of 8th ACVIM Forum, Washington, D.C., 753-756

CALVERT, C.A. (1986):
Dilated congestive cardiomyopathy in Doberman Pinschers.
Compend. Contin. Educ. Pract. Vet. 8, 417-430

CALVERT, C.A. (1991):
Dilatative Kardiomyopathien bei Hunden.
Proc. of WSAVA, Wien, 43-47

CALVERT, C.A.; CHAPMAN, W.L.; TOAL, R.L. (1982):
Congestive cardiomyopathy in Doberman Pinscher dogs.
J Am Vet Med Assoc 181, 598-602

CALVERT, C.A.; BROWN, J. (1986):
Use of M-Mode echocardiography in the diagnosis of congestive cardiomyopathy in Doberman Pinschers.
J Am Vet Med Assoc 189, 293-297

CALVERT, C.A.; JACOBS, G.J.; PICKUS, C.W. (1996):

Bradycardia- associated episodic weakness, syncope, and aborded sudden death in cardiomyopathic Dobermann pinschers.

J Vet Intern Med 10, 88-93

CALVERT, C.A.; HALL, G.; JACOBS, G.; PICKUS, C. (1997a):

Clinical and pathologic findings in Doberman pinscher dogs with occult cardiomyopathy that died suddenly or developed congestive heart failure: 54 cases (1984-1991).

J Am Vet Med Assoc 210, 505-511

CALVERT, C.A.; PICKUS, C.W.; JACOBS, G.J. (1997b):

Signalement, survival and prognostic factors in Doberman Pinschers with end-stage cardiomyopathy.

J Vet Intern Med 11, 323-326

CALVERT, C.A., JACOBS, G.J., MEDLEAU, L. (1998):

Thyroid stimulating hormone stimulating test in cardiomyopathic Doberman Pinschers: A retrospective study.

J Vet Intern Med 12; 343-348

CALVERT, C.A.; JACOBS, G.J.; SMITH, D.D.; RATHBUN, S.L.; PICKUS, C.W. (2000):

Association between results of ambulatory electrocardiography and development of cardiomyopathy during long-time follow-up of Doberman Pinschers.

J Am Vet Med Assoc 216, 34-39

CEDERBLAD, G.; HARPER, P.; LINDGREN, K. (1986):

Spectrophotometry of carnitine in biological fluids and tissues with Cobas Bio centrifugal analyisor.

Clin. Chem. 32, 342-346

CARROL, J.E.; CARTER, A.L.; PERLMAN, S. (1987):

Carnitine deficiency revisited.

J Nutr 117, 1501-1503

COBB, M.; MICHELL, A.R. (1992):

Plasma electrolyte concentrations in dogs receiving diuretic therapie for cardiac failure.

J Small Anim Pract 33, 526-529

COBB, M.A. (1992):

Idiopathic dilated Cardiomyopathy: Advances in aetiology, pathogeneses and management.

J Small Anim Prac, 33, 113-118, 1992

COBB, M.A.; ODEDRA, R.; LATIF, N.; DUNN, M.J. (1994):

Use of indirect immunofluorescence and western blotting to assess the role of circulating antimyocardial antibodies in dogs with dilated cardiomyopathy

Res Vet Science 56, 245-251

- COBB, M.A.; BROWNLIE, S.E.; PIDDUCK, H.G.; BATT, R.M. (1996):
Evidence for genetic involvement in dilated cardiomyopathy in the Irish Wolfhound.
Proc. BSAVA Congress, Birmingham, UK, 215
- CONTE, A., HESS, A.O., MAIRE, R., GAUTSCHI, K., BROGIL, S., KNAUS, U.,
KRAYENBÜHL, H.P. (1987):
Klinische Bedeutung des Serumcarnitins für den Verlauf und die Prognose der dilatativen
Kardiomyopathie.
Z Kardiol 76, 15-24
- DAMBACH, D.M.; LANNON, A.; SLEEPER, M.M.; BUCHANAN, J. (1999):
Familial dilated cardiomyopathy of young Portuguese Water dogs.
J Vet Int Med 13, 65-71
- DELLA TORRE, P.K.; KIRBY, A.C.; CHURCH, D.B.; MALIK, R. (2000):
Echocardiographic measurements in Greyhounds, Whippets and Italien Greyhounds - dogs
with similar conformation but different size.
Aust Vet J 78, 49-55
- DENLINGER, M.; UMLAUFF, G.; SLOAN, C.W. (1969):
The complete Dobermann Pinscher.
New York :Howell Book House
- DETWEILER, D.K. (1984):
Electrophysiology of the heart.
In: Dukes' Veterinary Physiology. Physiology of Domestic Animals.
Cornell University Press, Ithaca, London, 120-124.
- DETWEILER, D.K.; PATTERSON, D.F. (1965):
A phonograph record of heart sounds and murmurs of the dog.
Ann N.Y. Acad Sci 127, 322-340
- DIXON, R.M.; GRAHAM, P.A.; MOONEY, C.T. (1996):
Serum thyrotropin concentrations: a new diagnostic test for canine hypothyroidism.
Vet Record 138, 594-595
- DIXON, R.M.; MOONEY, C.T. (1999):
Evaluation of serum free thyroxine and thyrotropin concentrations in the diagnosis of canine
hypothyroidism.
J Small Anim Pract 40, 72-78
- DOMANKO-PETRIC, A.; STABEJ, P.; ZEMVA, A. (1998):
Dilated cardiomyopathy in Doberman Pinschers: Mode of inheritance, frequency, survival
and cause of death.
Proc. of 8th Annual Congress of ESVIM, 73 (Abstract)
- DUKES MC EWAN, J. (1998 a):
Echocardiographic/doppler parameters of systolic and diastolic function in normal
Newfoundland dogs and Newfoundlands with occult dilated cardiomyopathy.
Proc. of 8th Annual Congress of ESVIM, 61

DUKES MC EWAN, J. (1998 b):

Familial dilated cardiomyopathy in Newfoundland dogs.
Proc. of 8th Annual Congress of ESVIM, 84

DURAN, M.; LOOF, N.E.; KETTING, D.; DORLAND, L. (1990):

Secondary carnitine deficiency.
J Clin Chem Clin Biocem 28, 359-363

DURAND, J.B.; BACHINSKI, L.L.; BIELING, L.C.; CZEMUSEWICZ, G.Z.; ABCHEE, A.B.; YU Q.T.; TAPSCOTT, T.; HILL, R.; IFEGWU J.; MARIAN, A.J. (1995):
Localisation of a gene responsible for familial dilated cardiomyopathy to chromosome 1q32.
Circulation 92, 3387-3389

DYCKNER, T. (1980):

Serum magnesium in acute myocardial infarction. Relation to arrhythmias.
Acta Med Scand 207, 59-66

EBEL, H.; GUNTHER, T. (1980):

Magnesium metabolism: A review.
J Clin Chem Clin Biochem 18, 257-270

ETTINGER, S.J.; BOLTON, G.R.; LORD, P.F. (1970):

Idiopathic cardiomyopathy in the dog.
J Am Vet Med Assoc 156, 1225 (Abstract)

ETTINGER, S.J., SUTER, P.F. (1970):

Acquired diseases of the myocardium. Idiopathic cardiomyopathy.
In: Canine cardiology. Ettinger, S.J. (Hrsg.). Philadelphia: W.B. Saunders, 392-400

EVERETT, R.M.; MC GANN, J.; WIMBERLY, H.C.; ALTHOFF, J. (1999):

Dilated cardiomyopathy of doberman pinschers: retrospective histomorphologic evaluation
of heart from 32 cases.
Vet Pathol 36, 221-227

FEIGENBAUM, H. (1981):

Echocardiography.
Philadelphia: Lea und Febiger, 465-470

FIORETTI, M.; DELLI CARRI, E. (1988):

Epidemiological survey of dilatative cardiomyopathy in dogs.
Veterinaria 2, 81 (Abstract)

FISCHER, J. (1993):

L-Carnitin Plasmaspiegel bei Hund und Katze – ein Parameter in der Diagnostik?
Dissertation, Universität Wien

FOX, P.R. (1988):

Canine myocardial disease.
In: Canine and feline cardiology. Fox, P.R. (Hrsg.) New York [u.a.]: Churchill Livingstone,
467-493

FRANK, L.A. (1996):

Comparison of thyrotropin – releasing hormone (TRH) to thyrotropin (TSH) stimulation for evaluating thyroid function in dogs.

J Am Anim Hosp Assoc 32, 481-487

FREEMAN, L.M.; MICHEL, K.E.; BROWN, D.J.; KAPLAN, P.M.; STAMOULIS, M.E.;

ROSENTHAL, S.L.; KEENE, B.W.; RUSH, J.E. (1996):

Idiopathic dilated cardiomyopathy in Dalmatians : Nine cases.

J Am Vet Med Assoc 209, 1592-1596

FREEMAN, L.M.; RUSH, J.E.; BROWN, D.J.; ROUDEBUSH, P. (2000):

Relationship between circulating and dietary taurine concentrations in dogs with dilated cardiomyopathy.

Proc. of 18th Vet Med Forum, Seattle, WA, Abstract 35

GAVAGHAN, G.; KITTLESON, M.D. (1997):

Dilated cardiomyopathy in an American Cocker Spaniel with taurine deficiency.

Aust Vet J 75, 862-868

GOODING, J.P.; ROBINSON, W.F.; WYBURN, R.S.; CULLEN, L.K.(1982):

A cardiomyopathy in the english Cocker Spaniel: a clinico-pathological investigation.

J Small Anim Pract 23, 133-149

GOODING, J.P., ROBINSON,W.F., MEWS, G.C. (1986 a):

Echocardiographic assessment of left ventricular dimensions in clinically normal English Cocker Spaniels.

Am J Vet Res 47, 296-300

GOODING, J.P.; ROBINSON, W.F.; MEWS, G.C. (1986 b):

Echocardiographic characterisation of dilation cardiomyopathy in the English Cocker Spaniel.

Am J Vet Res 47, 1978-1983

GOODWIN, J.F.; OAKLEY, C.M. (1972):

The cardiomyopathies.

Brit Heart J 34, 545-552

GOODWIN, J.K.; CATTINY, G. (1995):

Further characterisation of boxer cardiomyopathy.

Proc. of 5th ACVIM Annual Veterinary Medical Forum, 300-302

GOTTLIEB, S.S.; BARUCH, L.; KUKIN, M.L.; BERNSTEIN, J.L.; FISCHER, M.L.; PACKER, M. (1990):

Prognostic importance of serum magnesium concentration of patients with congestive heart failure.

J Am Coll Cardiol 16, 827-831

GROSS; K.L (1998):

Carnitin – ein Überblick.

In: Adipositas bei Hunden und Katzen, Hill's pet nutrition Inc., 39-47

HAMMER, T.A.; VENTA, P.J.; EYSTER, G.E. (1996):
The genetic basis of dilated cardiomyopathy in Doberman pinschers.
Anim Genet 27, 109 (Abstract E036)

HAMLIN, R.L.; BUFFINGTON, C.A.T. (1989):
Nutrition and the heart.
Vet Clin North Am Small Anim Pract 19, 527-538

HARPSTER, N.K. (1983):
Boxer cardiomyopathy.
In: Current veterinary therapy VIII. Kirk, R.W. (Hrsg.). Philadelphia [u.a.]: W.B. Saunders Company, 329-337

HARPSTER, N.K. (1991):
Boxer cardiomyopathy. A review of the long- term benefits of antiarrhythmic therapy.
Vet Clin North Am Small Anim Pract 21, 989-1004

HAZLETT, M.J.; MAXIE, M.G.; ALLEN, D.G.; WILCOCK, B.P. (1983):
A retrospective study of heart disease in Doberman Pinscher dogs.
Can Vet J 24, 205-210

HAYES, K.C.; TRAUTWEIN, E.A. (1989):
Taurine deficiency syndrome in cats.
Vet Clin North Am Small Anim Pract 19, 403-413

HENRY, W.L.; DE MARIA, A.; GRAMIAK, R.; KING, D.L.; KISSLO, J.A.; POPP, R.L.; SAHN, D.J.; SCHILLER, N.B.; TAJIK, A.; TEICHHOLZ, L.E.; WEYMAN, A.E. (1980):
Report of the american society of echocardiography committee on nomenclature and standards in two-dimensional echocardiography.
Circulation 62, 221-217

HERVE, D.; LE BOBINNEC, G. (1994):
La carnitine: physiologie, role et utilisation pratique en cardiologie canine.
Prat Med Chir Anim Comp 29, 143-154

HUXTABLE, R.J (1978):
Regulation of taurine in the heart.
In: Taurine and neurologic disorders. Barbeau, A.; Huxtable, R.J. (Hrsg.). New York: Raven Press, 5-17

HUXTABLE, R.J. (1987):
From heart to hypothesis: a mechanism for the calcium modulatory actions of taurine.
In: The biology of taurine. R.J. Huxtable, F. Franconi and A. Giotti (Hrsg.). New York, London: Plenum Press, 371-387

HUXTABLE, R.J. (1992):
Physiological actions of taurine.
Physiol Rev 72, 101-163

JACOBS, G.; MAHJOOB, K. (1988 a):

Influence of alterations in heart rate on echocardiographic measurements in the dog.
Am J Vet Res 49, 548-552

JACOBS, G.; MAHJOOB, K. (1988 b):

Multiple regression analysis, using body size and cardiac cycle length, in predicting echocardiographic variables in dogs.
Am J Vet Res 49, 1290-1294

JACOBSEN, J.G.; SMITH, L.H. JR. (1968):

Biochemistry and physiology of taurine and taurine derivates.
Physiol Rev 48, 424-511

JANßen-SINN, G. (1996):

Klinik der Hypothyreose beim Hund.
Dissertation, Freie Universität Berlin

KATTINGER, P. (1997):

Kardiologische Untersuchungen an Katzen mit Kardiomyopathien unter Berücksichtigung des Plasmataurinspiegels.
Dissertation, Freie Universität Berlin

KEALY, J.K. (1981):

Röntgendiagnostik bei Hund und Katze.
Stuttgart: Enke Verlag, 156-280

KEARNS, R.V.; SUNVOLD, G.D. (1996):

Microbial degradation of taurine and taurocholic acid.
J Vet Int Med 10, 176

KEENE, B.W. (1989):

Canine cardiomyopathy.
In: Current veterinary therapy X. Kirk, R.W. (Hrsg.). Philadelphia [u.a.]:
W.B. Saunders company, 240-251

KEENE, B.W. (1991):

L-carnitine supplementation in the therapy of canine dilated cardiomyopathy.
Vet. Clin North Am Small Anim Pract 5, 1005-1009

KEENE, B.W. (1992):

L-carnitine deficiency in canine dilated cardiomyopathy.
In: Current veterinary therapy XI. Kirk, R.W. (Hrsg.). Philadelphia [u.a.]:
W.B. Saunders company, 780-783

KEENE, B.W. (2000):

Carnitine supplementation: What have we learned?
Proc. of the 18th Vet Med Forum, Seattle, WA

- KEENE, B.W., ATKINS, C.E., KITTELESON, M.D., RUSH, J.E., SHUG, A.L. (1988):
Frequency of myocardial carnitine deficiency associated with spontaneous canine dilated
cardiomyopathy.
ACVIM Scientific Meeting, Washington D.C., 26-29. Mai
- KEENE, B.W.; KITTELESON, M.D.; RUSH, J.E.; PION, P.D.; ATKINS, C.E.; DE LELLIS, L.D.;
MEURS, K.M.; SHUG, A.L. (1989):
Myocardial carnitine deficiency associated with dilated cardiomyopathy in doberman
pinschers.
J Vet Int Med 3, 126 (ACVIM Abstract)
- KEENE, B.W.; KITTELESON, M.D.; ATKINS, C.E.; RUSH, J.E.; EICKER, S.E.; PION, P.;
REGITZ, V. (1990):
Modified transvenous endomyocardial biopsy technique in dogs.
Am. J. Vet. Res. 51, 1769- 1772
- KEENE, B.W.; MIER, H.C.; MEURS, K.M.; SCHMIDT, M.J.; SHUG, A.L. (1991 a):
Diatary L-Carnitine deficiency and plasma L-carnitine concentrations in dogs.
Proc. of 9th Vet Med Forum, New Orleans, 890 (Abstract 83)
- KEENE, B.W.; PANCIERA, D.P.; ATKINS, C.E.; REGITZ, V.; SCHMIDT, M.J.; SHUG, A.L.
(1991 b):
Myocardial L-carnitine deficiency in a family of dogs with dilated cardiomyopathy.
J Am Vet Med Assoc 198, 647 (Clinical Report)
- KHANNA, C.; LUND, E.M.; RAFFE, M.; ARMSTRONG, P.J. (1998):
Hypomagnesemia in 188 dogs: A hospital population-based prevalence study.
J Vet Int Med 12, 304-309
- KIENLE, R.D.; BRUYETTE, D.; PION, P. (1994):
Effects of the thyroid hormone and thyroid dysfunction on the cardiovascular system.
Vet Clin North Am Small Anim Pract 24, 495-507
- KIENLE, R. D., THOMAS, W. P. (1995):
Principles of echocardiographic measurements.
In: Nyland und Mattoon (Hrsg.): Veterinary diagnostic ultrasound.
Philadelphia, W.B. Saunders Company, S. 206-208
- KIRBERGER, R.M. (1991):
Mitral valve E point to ventricular septal separation in the dog.
J S Afr Vet Assoc 62, 163-166
- KITTELESON, M.D. (1998):
Primary myocardial disease leading to chronic myocardial failure (Dilated Cardiomyopathy
and related diseases).
In: Small animal cardiovascular medicine. Kittleson, M.D., Kienle, R.D. (Hrsg.). St. Luis
[u.a.]:
Mosby, 319-339

- KITTELESON, M.D.; PION, P.D.; DE LELLIS, L.A.; TOBIAS, A.H. (1991):
Dilated cardiomyopathy in American Cocker spaniels: Taurine deficiency and preliminary results of response to supplementation.
J Vet Int Med 2, 123 (Abstract)
- KITTELESON, M.D.; KEENE, B.W.; PION, P.D.; LOYER, C.G. (1997):
Results of multicenter spaniel trial (MUST):
Taurine - and carnitine responsive dilated cardiomyopathy in American cocker spaniels with decreased plasma taurine concentration.
J Vet Int Med 4, 207-211
- KNIGHT, D. H. (1995):
Pathophysiology of heartfailure and clinical evaluation of cardiac function.
In: Textbook of veterinary internal medicine. Ettinger, S.J.; Feldman, E.C. (Hrsg.). Philadelphia:
W.B. Saunders, 844-867
- KNOPF, K.; STURMANN, J.A.; ARMSTRONG, M.; HAYES, K.C. (1978):
Taurin: an Essential nutrient for the cat.
J Nutr 108, 773-778
- KOCH, J.; PEDERSEN, H.D.; JENSEN, A.L.; FLAGSTAD, A.; POULSEN, K. (1995):
Activation of the renin-angiotensin system in dogs with asymptomatic and symptomatic dilated cardiomyopathy.
Res Vet Sci 59, 172-175
- KOCH, J.; PEDERSEN, H.D.; JENSEN, A.L.; FLAGSTAD, A. (1996):
M-mode Echocardiographic diagnosis of dilated cardiomyopathy in giant breed dogs.
J Vet Med Assoc 43, 297-304
- KRAMER, G.A.; FOX, P.R. (1989):
Plasma taurine concentrations in dogs with acquired heart disease.
J Vet Int Med 2, 126 (ACVIM Abstract)
- KRAMER, G.A.; KITTELESON, M.D.; FOX, P.R.; LEWIS, J.; PION, P.D. (1995):
Plasma taurine concentrations in normal dogs and in dogs with heart disease.
J Vet Int Med 9, 253-258
- LINDEMEIER, B.; GRÜNBAUM, E.G.; NEU, H.; RASCHER, W. (2000):
Untersuchungen zur Nierenfunktion bei herzinsuffizienten Hunden.
Tierärztl Prax 28, 51-55
- LOMBARD, C.W. (1984 a):
Echocardiographic and clinical signs of canine dilated cardiomyopathy.
J Small Anim Pract 25, 59-70
- LOMBARD, C.W. (1984 b):
Normal values of the canine M-mode echocardiogram.
Am J Vet Res 45, 2015-2018

LORD, P.F. (1976):

Left ventricular diastolic stiffness in dogs with congestive cardiomyopathy and volume overload.

Am J Vet Res 37, 953-957

LORD, P.F; SUTER, P.F. (1999):

Radiology.

In: Textbook of canine and feline cardiology. Fox, P.F., Sisson, D.D., Moise, N.S. (Hrsg.). Philadelphia [u.a.]: W.B. Saunders, 107-129

MÄNNER, K.; BRONSCH, K. (1987):

Mineralstoffe

In: Lehrbuch der Veterinär-Physiologie. Scheunert, A., Trautmann, A. (Hrsg.). Berlin, Hamburg:

Paul Parey, 99-101

MASHIRO, I.; NELSON, P.R.; COHN, J.N.; FRANCIOSA, J.A. (1976):

Ventricular dimensions measured noninvasivly by echocardiography in the awake dog.

J Appl Physiol 41, 953-959

MASSIE, B.M.; SCHILLER, N.B.; RATSHIN, R.A.; PARMLEY, W.W. (1977):

Mitral-Septal separation: New echocardiographic index of the left ventricular function.

Am J Cardiol 39, 1008-1016

MC CUTCHEON, L.D.; CORY, C.R.; NOWACK, L.; SHEN, H.; MEHDI, M.; LAHUCKY, R.; KOVAK, L.; O'GRADY, M.; HORNE, R.; O'BRIEN, P.J. (1992):

Respiratory chain defect of myocardial mitochondria in idiopathic dilated cardiomyopathy of Doberman pinscher dogs.

Can J Physiol Pharmacol 70, 1529-1533

MC ENTEE, K.; CLERCX, C.; SNAPS, F.; HENROTEAUX, M. (1995):

Clinical, electrocardiographic, and echocardiographic improvements after L-carnitine supplementation in a cardiomyopathic Labrador.

Canine practice 2, 12-15

MC MINN, T.R.; ROSS, J. (1995):

Hereditary dilated cardiomyopathy.

Clin Cardiol 18, 7

MEURS, K.M. (1998):

Insights into the hereditability of canine cardiomyopathy.

Vet Clin North Am Small Anim Pract 28, 1449-1457

MEURS, K.M.; MAGNON, A.L.; SPIER, A.W.; MILLER, M.W.; LEHMKUHL, L.B.; TOWBIN, J.A. (2001):

Evaluation of the cardiac actin gene in Doberman Pinschers with dilated cardiomyopathy.

Am J Vet Res 62, 33-35

- MILLER, C.W.; BOON, J.A.; SODERBURG, S.A. (1984):
Echocardiographic assessment of cardiac function in beagles with experimentally produced hypothyreoidism.
J Ultrasound Med 3, Suppl., 157 (Abstract)
- MINORS, S.L.; O'GRADY, M.R. (1998):
Resting and dobutamine stress echocardiographic factors associated with the development of occult dilated cardiomyopathy in healthy Doberman Pinscher dogs
J Vet Intern Med 12, 369-380
- MOISE, N.S.; PACCIORETTY, L.M.; KALLFELZ, F.A.; STIPANUC, M.H.; KING, J.M.; GILMOUR, R.F. (1991):
Dietary taurine deficiency and dilated cardiomyopathy in the fox.
Am Heart J 121, 541-548
- MONNET, E.; ORTON, E.C.; SALMAN, M.; BOON, J. (1995):
Idiopathic dilated cardiomyopathy in dogs : survival and prognostic indicators.
J Vet Intern Med 9, 12-15
- MORRIS, J.G., ROGERS, Q.R., PACIOTETTY, L.M. (1990):
Taurine: an essential nutrient for cats.
J Small Anim Pract 31, 502-509
- MORRISON, S.A.; MOISE, N.S.; SCARLETT, J.; MOHAMMED, H.; YEAGER, A.E. (1992):
Effect of breed and body weight on echocardiographic values in four breeds of dogs of differing somatotype.
J Vet Int Med 6, 220-224
- NELSON, R.W.; CONTO, C.G. (1998):
Myocardial diseases of the dog
In: *Small Animal Internal Medicine*, 2. Aufl. Mosby Inc., 102-115
- NEU, H. (1995):
Carnitin: Chemie, Funktion und klinische Bedeutung bei Herzerkrankungen des Hundes - eine Literaturübersicht
Kleintierpraxis 40, 197-220
- NEU, H.; BÖHLES, H.; SEWELL, A.C. (1997):
Veränderungen der Blutplasmakonzentration von Carnitin bei der Herzinsuffizienz des Hundes.
Kleintierpraxis 42, 683-774
- O'BRIEN, P.J. (1997):
Deficiencies of myocardial troponin-T and creatinine kinase MB isoenzyme in dogs with idiopathic dilated cardiomyopathy.
Am J Vet Res 58, 11-16

O'GRADY, M.R.; BONAGURA, J.D.; POWERS, J.D.; HERRING, D.S. (1986):
Quantitative cross-sectional echocardiography in the normal dog.
Vet Radiol 2, 34-49

O'GRADY, M.R.; HORNE, R. (1992):
Occult dilated cardiomyopathy : an echocardiographic and electrocardiographic study of 193
asymptomatic Doberman Pinschers.
J Vet Int Med 6, 112 (Abstract)

O'GRADY, M.R.; MC. CUTCHEON, J.L.; SHEN, H.; HORNE, R.; ARMSTRONG, P.W.;
O'BRIEN, P.J. (1992):
Myocardial myoglobin deficiency: an etiology for Doberman dilated cardiomyopathy?
J Vet Int Med 6, 113 (Abstract)

O'GRADY, M.R.; HORNE, R. (1995 a):
Outcome of 103 asymptomatic Doberman pinschers: incidence of dilated cardiomyopathy in
a longitudinal study.
J Vet Int Med 9, 199 (Abstract)

O'GRADY, M.R.; HORNE, R. (1995 b):
Echocardiographic findings in 51 normal Doberman Pinschers.
J Vet Int Med 9, 202 (Abstract)

O'Rourke, R.A.; HANRATH, P.; HENRY, W.N.; HUGENHOLTZ, P.G.;
PISA, Z.; ROELANDT, J.; TANAKA, M. (1984):
Report of the joint international society and federation of Cardiology/ World health
organisation task force on Recommendations for standardisation of measurements from M-Mode echocardiography
Circulation 69, 854A-857A

ORTIZ-LOPEZ, R.; SCHULTZ, K.R.; TOWBIN, J.A. (1996):
Genetic aspects of dilated cardiomyopathy.
Prog Pediatr Cardiol 6, 71

PAGE, A.; EDMUNDS, G.; ATWELL, R.B. (1993):
Echocardiographic values in the Greyhound.
Aust Vet J 70, 361-364

PANCIERA, D.L. (1994):
An echocardiographic and electrocardiographic study of cardiovascular function in
hypothyroid dogs.
J Am Vet Med Assoc 7, 996-1000

PANCIERA, D.L.; KEENE, B.W.; MIER, H.C. (1992):
Administration of levothyroxine to euthyroid dogs does not affect echocardiographic and
electrocardiographic measurements.
Res Vet Sci 53, 130-132

PION, P.D.; KITTELESON, M.D.; ROGERS, Q.R.; MORRIS, J.G. (1987):
Myocardial failure in cats associated with low plasma taurine: a reversible cardiomyopathy.
Science 237, 764-768

PION, P.D.; GREENE, K.; LEWIS, J.; KITTELESON, M.D. (1989):

Fasting causes significant reduction in plasma taurine concentrations.
J Vet Int Med 3, 127

PION, P.D.; KITTELESON, M.D.; ROGERS, Q.R.; NEWHOUSE, C.; LEWIS, J.; GREEN, K.; MORRIS, J.G. (1991):

Taurin, eine für die normale Herzfunktion essentielle Aminosäure – Experimenteller Nachweis.

In: Wissenschaftlicher Bericht über den 16. Weltkongress der WSAVA.
Leibetseder, J. (Hrsg.). Wien: 37-40

PION, P.D.; SANDERSON, S.L.; KITTELESON; M.D. (1998):

The effectiveness of taurine and levocarnitine in dogs with heart disease.
Vet Clin North Am Small Anim Pract 28, 1495-1514

PIPERS, F.S., BONAGURA, J.D., HAMLIN, R.L., KITTELESON, M.D. (1981):

Echocardiographic abnormalities of the mitral valve associated with left- side heart diseases in the dog.

J Am Vet Med Assoc 179, 580-586

REBOUCHE, C.J.; ENGEL, A.G. (1983):

Kinetic compartmental analysis of carnitine metabolism in the dog.
Arch Biochem Biophys 220, 69-70

REGITZ, V.; MÜLLER, M.; SCHÜLER, C.; YANKAH, R.; HETZER, R.; SHUG, A. L.; FLECK, E. (1987):

Carnitinstoffwechsel-Veränderungen im Endstadium der dilatativen Kardiomyopathie und der ischämischen Herzmuskelerkrankung.

Z Kardiol 76, Suppl. 5, 1-8

REICHMANN, H.; VAN LINDENEINER, N. (1994):

Carnitine analysis in normal human red blood cells, plasma and muscle tissue.
Eur Neurol 34, 40-43

SAHN, D.J., DE MARIA, A., KISSLO, J., WEYMAN, A. (1978):

Recommendations regarding quantitation in M-Mode echocardiography: results of a survey of echocardiographic measurements.

Circulation 58, 1072-83

SANDERSON, S.L.; OSBORNE, C.A.; LULICH, J.P.; BARTGES, J.W.; PIERPONT, M.E.; OGBURN, P.N.; KOEHLER, L.A.; SWANSON, L.L.; BIRD, K.A.; ULRICH, L.K. (2001):

Evaluation of urinary carnitine and taurine excretion in 5 cystinuric dogs with carnitine and taurine deficiency.

J Vet Int Med 15, 94-100

SANDUSKY, G.E.; CAPEN, C.C.; KERR, K.M. (1984):

Histological and ultrastructural evaluation of cardiac lesions in idiopathic cardiomyopathy in dogs.

Can J Comp Med 48, 81-86

SCHMIDL, M.; FORSTNER, M. (1985):

Veterinärmedizinische Laboruntersuchungen für die Diagnose und Verlaufskontrolle.
3. Auflage, Boehringer Mannheim GmbH, Mannheim

SCHUMMER, A.; HABERMEHL, K.-H. (1984):

In: Lehrbuch der Anatomy der Haustiere - Band III: Kreislaufsystem, Haut und Hautorgane.
Nickel, R., Schummerle, A., Seiferle, E. (Hrsg.).
Berlin, Hamburg: Verlag Paul Parey, 46

SETH, P.; WU, X.; HUANG, W.; LEIBACH, F.H.; GANAPAZHY, V. (1999):

Mutations in novel organic cation transporter (OCTN2), an organic cation/carnitine transporter, with differential effects on the organic cation transport function and the carnitine transport function.

J Biol Chem 274, 33388-33392

SHANNON, R.P.; KOMAMURA, K.; STAMPLER, B.C.; BIGAUD, M.; MANDERS, T.; VATNER, S.F. (1991):

Alterations in myocardial contractility in conscious dogs with dilated cardiomyopathy.
Am J Physiol 260, H 1903-H 1911

SISSON, D.D.; SCHAEFFER, D. (1991):

Changes in linear dimensions of the heart, relative to body weight, as measured by M-Mode echocardiography in growing dogs.
Am J Vet Res 52, 1591-1594

SISSON, D.D.; THOMAS, W.P. (1995):

Myocardial diseases.

In: Textbook of veterinary internal medicine. Ettinger S.J (Hrsg.). Philadelphia [u.a.]: WB Saunders Company, 995-1032.

SISSON, D.D.; THOMAS, W.P.; KEENE, B. (2000):

Primary myocardial disease in the dog.

In: Textbook of veterinary internal medicine. Ettinger S.J., Feldmann E.C. (Hrsg.). Philadelphia [u.a.]: WB Saunders Company, 874-895

SKRODZKI, M.; TRAUTVETTER, E. (1991):

Plasma taurine levels in healthy cats and cats with cardiac disorders.

J Nutr 121, 171-172

SMUCKER, M.L.; KAUL, S.; WOODFIELD, J.A.; KEITH, J.C.; MANNING, S.A.; GASCHO, J.A. (1990):

Naturally occurring cardiomyopathy in the Doberman Pinscher: a possible large animal model of human cardiomyopathy?

J Am Coll Cardiol 16, 200-206

SNYDER, P. S.; SATO, T.; ATKINS, C. E. (1995):

A comparison of echocardiographic indices of the nonracing, healthy Greyhound to reference values from other breeds.

Vet Rad Ultrasound 36, 387-392

SOTTIAUX, J.; AMBERGER, C. (1997):
Normal echocardiographic values in the Doberman Pinscher (french breeding).
Newsl Eur Soc Vet Cardiol 12

STAADEN, R.V. (1981):
Cardiomyopathy of english Cocker Spaniels.
J Am Vet Med Assoc 178, 1289-1202

STURMAN, J.A.; HEPNER, G.W.; HOFMANN, A.F.; THOMAS, P.I. (1975):
Metabolism of ³⁵S-Taurine in the man.
J Nutr 105, 1206-1214

TAMAI, I.; OHASHI, R.; NEZU, J.; YABUCHI, H.; OKU, A.; SHIMANE, M.; SAI, Y.; TSUJI, A. (1998):
Molecular and functional identification of sodium ion-dependent, high affinity human carnitine transporter OCTN2.
J Biol Chem 273, 20378-20382

TEICHHOLZ, L.E.; KREULEN, T.; HERMAN, M.V.; GORLIN, R. (1976):
Problems in echocardiographic volume determination: echocardiographic angiographic correlations in the presence or absence of asynergy.
Am J Cardiol 37, 7-11

THOMAS, R.E. (1987):
Congestive cardiac failure in young Cocker Spaniels (a form of cardiomyopathy?): details of eight cases.
J Small Anim Pract 28, 265-279

THOMAS, W.P.; GABER, C.E.; JACOBS, G.J.; KAPLAN, P.M.; LOMBARD, C.W.; MOISE, N.S.; MOSES, B.L. (1993):
Recommendations for standards in transthoracic two-dimensional echocardiography in the dog and cat. (The Echocardiography Committee of the specialty of cardiology, American college of veterinary internal medicine).
J Vet Int Med 4, 247-252

TIDHOLM, A. (2000):
Canine idiopathic dilated cardiomyopathy - Epidemiology, histopathology and pathophysiology.
Doctoral thesis, Swedish University of Agricultural Sciences, Uppsala 2000

TIDHOLM, A.; JÖNNSSON, L. (1996):
Dilated Cardiomyopathy in the Newfoundland: A study of 37 cases.
J Am Anim Hosp Assoc 32: 469-470

TIDHOLM, A.; JÖNNSSON, L. (1997):
Retrospective study of canine dilated cardiomyopathy (189 cases).
J Am Hosp Assoc 33, 544-550

- TIDHOLM, A.; SVENNISON, H; SYLVEN, C. (1997):
Survival and prognostic factors in 189 dogs with dilated cardiomyopathy.
J Am Anim Hosp Assoc 33, 364-368
- TIDHOLM, A.; HÄGGSTRÖM, J.; JÖNNSON, L. (1998):
Prevalence of attenuated wavy fibers in myocardium of dogs with dilated cardiomyopathy.
J Am Vet Med Assoc 212, 1732-1734
- TILLEY, L.P. (1989):
Analyse der P-, QRS- und T-Ausschläge des Hundelektrokardiogramms.
In: EKG bei Hund und Katze, 2. Auflage. Tilley, L.P. (Hrsg.)
Hannover: Schlütersche Verlagsanstalt, 57-97
- TILLEY, L.P., LIU, S.K. und FOX, P.R. (1983):
Myocardial disease. In: Textbook of veterinary internal medicine. Ettinger S.J. (Hrsg.).
Philadelphia: W.B. Saunders, 1029-1051
- TOBIAS, R.; POULSEN NAUTRUP, C. (1996):
Echokardiographie des gesunden Herzens.
In: Atlas und Lehrbuch der Ultraschalldiagnostik bei Hund und Katze.
Hannover, Schlütersche GmbH & Co. KG, 136
- TREEM, W.R.; STANLEY, C.A.; FINEGOLD, D.N.; HALE, D.E.; COATES, P.M. (1988):
Primary carnitine deficiency due to a failure of carnitine transport in kidney and muscle.
N Engl J Med 319, 1331-1336
- VANDER ARK, C.R.; BALLANTYNE, F.; REYNOLDS, E.W. JR. (1973):
Electrolytes and the electrocardiogram.
Cardiovasc Clin 5, 270
- VAN VLEET, J.F.; FERRANS, V.J.; WEIRICH, W.E. (1981):
Pathologic alterations in congestive cardiomyopathy of dogs.
Am J Vet Res 42, 416-424
- VASAN, R.S.; LEVY, D.; LARSON, M.G.; BENJAMIN, E.J. (2000):
Interpretation of echocardiographic measurements: A call for standardization.
Am Heart J 139, 412-422
- VOLLMAR, A. (1996):
Kardiologische Untersuchungen beim Irischen Wolfshund unter besonderer
Berücksichtigung des Vorhofflimmerns und der Echokardiographie.
Kleintierpraxis 41, 397-408
- VOLLMAR, A. (1998 a):
The prevalence of cardiomyopathy in the Irish Wolfhound, a clinical study of 440 dogs.
Proc. of 8th Annual Congress of ESVIM, 58 (Abstract)
- VOLLMAR, A. (1998 b):
Kardiologische Untersuchungen beim Deerhound, Referenzwerte für die Diagnostik
Kleintierpraxis 42, 497-508

VOLLMAR, A. (1999 a):

Echocardiographic measurements in the Irish Wolfhound: reference values for the breed.
J Am Anim Hosp Assoc 35, 271-277

VOLLMAR, A. (1999 b):

Use of echocardiography in the diagnosis of dilated cardiomyopathy in Irish Wolfhounds.
J Am Anim Hosp Assoc 35, 279-283

VOLLMAR, A. (2000):

The prevalence of cardiomyopathy in the Irish Wolfhound: A clinical study of 500 dogs.
J Am Anim Hosp Assoc 36, 125-132

WACKER, W.E.C.; PARISI, A.F. (1968):

Magnesium metabolism.
N Engl J Med 278, 658

WESTER, P.O. (1992):

Electrolyte balance in heart failure and the role for magnesium ions.
Am J Cardiol 70, 44C-49C

WHANG, R.; WHANG, D.D.; RYDER, K.W.; OEI, T.O. (1990):

Routine serum magnesium determination: a contemporary clinical imperative.
Magnes Res 3, 267-270

WHO/ISFC (1980):

Report of the World Health Organization/ International Society and Federation of Cardiology task force on the definition and classification of cardiomyopathies.
Brit Heart J 44, 672-673

WHO/ISFC (1996):

Report of the 1995 World Health Organization/ International Society and Federation of Cardiology task force on the definition and classification of cardiomyopathies.
Circulation 93, 841-842

WINGFIELD, W.E.; BOON, J.; MILLER, C.W. (1982):

Echocardiographic assessment of mitral valve motion, cardiac structures, and ventricular function in dogs with atrial fibrillation.
J Am Vet Med Assoc 181, 46-49

WILLIAMS, G.H.; BRAUNWALD, E. (1988):

Endocrine and nutritional disorders and heart disease.
In: A Textbook of cardiovascular medicine. Braunwald, E. (Hrsg.). Philadelphia:
WB Saunders, 1800-1827

WOTTON, P.R. (1998):

Cardiomyopathy in English Cocker & Springer Spaniels: a review of 38 cases.
Proc. of 8th Annual ESVIM congress, Wien, 56