8. LITERATURVERZEICHNIS

Akselrod, S., Gordon, D., Ubel, F. A., Shannon, D. C., Berger, A. C., Cohen, R. J. (1981):
Power spectrum analysis of heart rate fluctuation: a quantitative probe of beat-to-beat cardiovascular control.
Science. 213: 220-222

Anderson, M. G. (1975):
The Influence of Exercise on Serum Enzyme Levels in the Horse.
Equine Vet. J. 7: 160-165

Antoni, H. (1986):
Pathophysiologie kardialer Arrhytmien unter Beteiligung autonomer Transmitter.
Supplementum 1 zur Zeitschrift für Kardiologie. 75: 6-7

Arbeitsgruppe Nichtlineare Dynamik (2000)
Nichtlineare Dynamik.
Web Page; available at: http://nld.physik.uni-mainz.de

Asheim, A., Knudson, O., Lindholm, A., Rülcker, C., Saltin, B. (1970):
Heart Rates and Blood Lactate Concentrations of Standardbred Horses During Training and Racing.
J. Amer. Vet. Med. Assoc. 157(3): 304-312

Bayly, W. M., Grantl B. D., Pearson R.C. (1987):
Lactate concentrations in Thoroughbred Horses Following Maximal Exercise under Field Conditions.
in: Gillespie, J.R., Robinson, N.E., Equine Exercise Physiology 2, ICEEP Publications, 426-437

Beneke, R., Hütler, M., Erasmus, J., Leithäuser, R., Hock, L. (1996):
Mechanical power and energy cost of walking in water related to speed.
Med. Sci. Sports Exerc., Suppl. to Vol. 28(5): 613

Bent, E., Hambitzer, R., Sommer, H. (1991):
Das Verhalten von belastungsinduzierten Blutveränderungen bei Pferden im Verlauf eines Trainingsjahres.
Tierärztl. Umschau. 46: 63-65

Berg, A., Keul, J. (1982):
Serumkinetik während und nach intensiver Langzeitbelastung.
Dt. Ztschr. Sportmedizin. 1: 12-17

Blackmore, D. J., Elton, D. (1975):
Enzyme activity in the serum of thoroughbred horses in the United Kingdom.
Equine Vet. J. 7: 34-9

Bowen, I. M. (1999):
Heart Rate Variability.
in: Marr, C., Cardiology of the horse, W. B. Saunders, 161-176

Bowen, I. M., Marr, C. M. (1998):
The effects of glycopyrolate and propanolol on frequency domain analysis of heart rate variability.
J. Vet. Intern. Med. 12(3): 225

Breuer, H. W., Skyschally, A., Wehr, M., Schulz, R., Heusch, G. (1992):
Schlechte Reproduzierbarkeit von Parametern der Herzfrequenzvariabilität.
Z. Kardiol. 81(9): 475-81

Brooks, G. A. (1985):
Anaerobic threshold: Review of the concept and directions for future research.
Med. Sci. Sports. Exerc. 17: 22-31

Brüggemann, T., Weiß, D., Andresen, D. (1995):
Spektralanalyse zur Beurteilung der Herzfrequenzvariabilität.
Herzschrittmachertherapie & Elektrophysiologie, Supplement 2, 5: 19-24

Carlson G. P. (1983):
Thermoregulation and Fluid Balance in the Exercising Horse.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Edition, Cambridge, 291-309

Cutmore, C. M., Snow, D. H., Newsholme, E. A. (1985):
Activities of key enzymes of aerobic and anaerobic metabolism in middle gluteal muscle from trained and untrained horses.
Equine Vet. J. 17(5): 354-6

Dargatz, T., Koch, A. (1995):
Aqua-Fitness.
Sportinform Verlag

Davies, C. T., Knibbs, A. V., Musgrove, J. (1970):
The rate of lactic acid removal in relation to different baselines of recovery exercise.
Int. Z. Angew. Physiol. 28(3): 155-61

Dodd, S., Powers, S. K., Callender, T., Brooks, E. (1984):
Blood lactate disappearance at various intensities of recovery exercise.
J. Appl. Physiol. 57(5): 1462-1465

Eckmann, J.-P., Kamphorst, S. O., Ruelle, D. (1987):
Recurrence plots of dynamical systems.
Europhys. Lett. 4: 973-977

Ehrlein, H.-J., Engelhardt, W. v., Hörnicke, H., Tolkmitt, G., Dusek, J. (1970):
Untersuchungen über die Beziehung zwischen Herzschlagfrequenz und Leistung bei Pferden.
Zbl. Vet. Med. A. 17: 577-591

Ehrlein, H.-J., Hörnicke, H., Engelhardt, W. v., Tolkmitt, G. (1973):
Die Herzschlagfrequenz während standardisierter Belastung als Maß für die Leistungsfähigkeit von Pferden.
Zbl. Vet. Med. A. 20: 188-208

Engelhardt, W. v. (1977):
Cardiovaskular Effects of Exercise and Training in Horses.
Adv. Vet. Sci. Comp. Med. 21: 173-207

Engelhardt, W. v., Ehrlein, H.-J., Hörnicke, H. (1970):
Hämoglobinkonzentration, Sauerstoffsättigung und Sauerstoffgehalt des Blutes bei Zucht- und Sportpferden in unterschiedlichem Trainingszustand.
Berl. Münch. Tierärztl. Wschr. 83(12): 229-248

Esperer, H. D. (1994):
Physiologische Grundlagen und pathophysiologische Aspekte der Herfrequenzvariabilität beim Menschen.
Herzschrittmachertherapie & Elektrophysiologie, Supplement 2, 5: 1-10

Essen-Gustavsson, B., McMiken, D., Karlstrom, K., Lindholm, A., Persson, S., Thornton, J. (1989):
Muscular adaptation of horses during intensive training and detraining.
Equine. Vet. J. 21(1): 27-33

Evans, D. L. (1994):
The Cardiovascular System: Anatomy, Physiology and Adaptations to Exercise and Training.
in: Hodgson, D. R., Rose, R. J., The Athletic Horse,
W.B. Saunders Company, 129-144

Gerber, H. (1969):
Serum enzyme determination in equine medicine.
Equine Vet. J. 1(3): 129-139

Gerber, H., Martig, J., Straub, R. (1973):
Enzymuntersuchungen im Serum von Grosstieren im Hinblick auf Diagnose und Prognose.
Tierärztl. Prax. 1(1): 5-18

Gill, J., Jablonska, E. M., Ziolkowska, S. M., Szykula, R. (1987):
Influence of Differential Training on some Haematological and Metabolic Indices in Sport Horses before and after Exercise Trials.
J. Vet. Med. 34: 609-616

Gottlieb-Vedi, M., Lindholm, A. (1997):
Comparison of standardbred trotters exercising on a treadmill and a race track with identical draught resistances.
Vet. Rec. 140(20): 525-8

Grün, E., Schneider, J., Panndorf, H., Preuße, C. (1977):
Das Verhalten von Serumenzymen bei trainierten Galopprennpferden im Verlaufe von zwei Rennjahren.
Mh. Vet. Med. 32: 866-873

Guy, P. S., Snow, D. H. (1977):
The effect of training and detraining on muscle composition in the horse.
J. Physiol. 269(1): 33-51

Hall, J., Macdonald, I. A., Maddison, P. J., O'Hare, J. P. (1998):
Cardiorespiratory responses to underwater treadmill walking in healthy females.
Eur. J. Appl. Physiol. 77: 278-284

Harris, P., Snow, D. H. (1988):
The effects of high intensity exercise on the plasma concentration of lactate, potassium and other electrolytes.
Equine Vet. J. 20(2): 109-113

Harris, R. C., Marlin, D. J., Snow, D. H., Harkness, R. A. (1991):
Muscle ATP loss and lactate accumulation at different work intensities in the exercising Thoroughbred horse.
Eur. J. Appl. Physiol. 62(4): 235-44

Hirsch, J. A., Bishop, B. (1981):
Respiratory sinus arrhythmia in human: how breathing pattern modulates heart rate.
Am. J. Physiol. 241: H620-H629

Hodgson, D. R., Kelso, T. B., Bayly, W. M., Gollnick, P. D. (1987):
Responses to Repeated High Intensity Exercise: Influence on Muscle Metabolism.
in: Gillespie, J.R., Robinson, N.E., Equine Exercise Physiology 2, ICEEP Publication, 302-311

Hodgson, D. R., Rose, R. J., Allen, J. R. (1983):
Muscle Glycogen Depletion and Repletion Patterns in Horses Performing Variuos Distances of Endurance Exercise.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 229-236

Judson, G. F., Frauenfelder, H. C., Mooney, G. J. (1983)
Biochemical changes in Thoroughbred Racehorses Following Submaximal and Maximal Exercise.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 408-415

Kanters, J. K., Hojgaard, M. V., Agner, E., Holstein-Rathlou, N. H. (1996):
Short- and long-term variations in non-linear dynamics of heart rate variability.
Cardiovasc. Res. 31(3): 400-9

Keenan, D. M. (1979):
Changes in Blood Metabolites in Horses after Racing, with paticular References to Uric Acid.
Aust. Vet. J. 55: 54-57

Kerr, M. G., Snow, D. H.. (1983)
Plasma Enzyme Activities in Endurance Horses.
in: Snow, D.H., Persson, S.G.B., Rose, R,J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 432-440

Kindermann, W. (1984):
Grundlagen der aeroben und anaeroben Leistungsdiagnostik.
Schweiz. Ztschr. Sportmed. 32: 69-74

Kindermann, W., Simon, G., Keul, J. (1979):
The Significance of the Aerobic-anaerobic Transition for the Determination of Work Load Intensities During Endurance Training.
Eur. J. Appl. Physiol. 42: 25-34

Kollakowski, T., Keller, H. (1990):
Normalwerte des roten Blutbildes beim Pferd unter Berücksichtigung der Rasse, des Geschlechts, des Alters und der Jahreszeit.
Pferdeheilkunde. 6(2): 65-71

Kraft, W., Dürr, U. M., Klee, W., Bostedt, H., Heinritzi, K. (1995a):
Hämatologie.
in: Kraft, W., Dürr, U. M., Klinische Labordiagnostik in der Tiermedizin, Schattauer Verlag, 38-67

Kraft, W., Dürr, U. M., Klee, W. (1995b):
Leber.
in: Kraft, W., Dürr, U. M., Klinische Labordiagnostik in der Tiermedizin, Schattauer Verlag, 104-119

Kraft, W., Dürr, U. M., Klee, W., Bostedt, H., Heinritzi, K. (1995c):
Serum-Protein.
in: Kraft, W., Dürr, U. M., Klinische Labordiagnostik in der Tiermedizin, Schattauer Verlag, 134-140

Krzywanek, H. (1974):
Lactic acid concentrations and pH values in trotters after racing.
J. S. Afr. Vet. Ass. 45(4): 355-360

Krzywanek, H. (1988):
Die Belastungslaktatazidose beim Trabrennpferd und ihre Beeinflussung durch Muskeltätigkeit in der Erholungsphase.
Berl. Münch. Tierärztl. Wschr. 101: 145-149

Krzywanek, H., Milne, D. W., Gabel, A. A., Smith, L. G. (1976):
Acid-Base Values of Standardbred Horses Recovering from Strenuous Exercise.
Am. J. Vet. Res. 37(3): 291-294

Krzywanek, H., Schulze, A., Wittke, G. (1972):
Das Verhalten einiger Blutparameter bei Trabrennpferden nach definierter Belastung.
Berl. Münch. Tierarztl. Wschr. 85(17): 325-329

Krzywanek, H., Wittke, G. (1970):
Parameter des Energiestoffwechsels und des Sauerstofftransports bei Vollblutrennpferden in Perioden unterschiedlicher Trainingsintensität.
Int. Z. Angew. Physiol. 28(3): 228-38

Krzywanek, H., Wittke, G., Bayer, A., Borman, P. (1970):
The Heart Rates of Thoroughbred Horses during a Race.
Equine Vet. J. 2(3): 115-117

Krzywanek, H., Wittke, G., Schulze, A. (1977):
Auswirkungen des Trainings auf leistungsabhängige Blutparameter bei Trabennpferden.
Berl. Münch. Tierärztl. Wschr. 90: 89-92

Kuschinsky G., Lüllmann H. (1984)
II. Vegetatives Nervensystem.
in: Kuschinsky, G., Lüllmann, H., Kurzes Lehrbuch der Pharmakologie und Toxikologie, Georg Thieme Verlag Stuttgart, New York, 54-103

Kuwahara, M., Hashimoto, S., Ishii, K., Yagi, Y., Hada, T., Hiraga, A., Kai, M., Kubo, K., Oki, H., Tsubone, H., Sugano, S. (1996):
Assessment of autonomic nervous function by power spectral analysis of heart rate variability in the horse.
J. Auton. Nerv. Syst. 60(1-2): 43-8

Lekeux, P., Art, T., Linden, A., Desmecht, D., Amory, H. (1991)
Heart Rate, Haematological and Serum Biochemical Responses to Show Jumping.
in: Persson, S.G.B., Lindholm, A., Jeffcott, L.B., Equine Exercise Physiology 3, ICEEP Publications, Davis, California, 385-390

Limmer, J. (1970):
Grundfrequenz des Herzschlages, atrioventrikuläre Hemmung und respiratorische Arrhythmie beim Trabrennpferd.
Dissertation, Freie Universität Berlin

Lindholm, A., Piehl, K. (1974):
Fibre composition, enzyme activity and concentrations of metabolites and electrolytes in muscles of standardbred horses.
Acta Vet. Scand. 15: 287-309

Lombardi, F., Malliani, A., Pagani, M., Cerutti, S. (1996):
Heart rate variability and its sympatho-vagal modulation.
Cardiovasc. Res. 32(2): 208-16

Lovell, D. (1994):
Training Standardbred trotters and Pacers.
in: Hodgson, D. R., Rose, R. J., The Athletic Horse,
W.B. Saunders Company, 399-408

Lovell, D. K., Rose, R. J. (1991)
Changes in Skeletal Muscle Composition in Response to Interval and High Intensity Training.
in: Persson, S.G.B., Lindholm, A., Jeffcott, L.B., Equine Exercise Physiology 3,
ICEEP Publications, Davis, California, 215-222

Mader, A., Liesen, H., Heck, H., Philippi, H., Rost, R., Schürch, P., Hollmann, W. (1976):
Zur Beurteilung der sportartspezifischen Ausdauerleistungsfähigkeit im Labor.
Sportarzt. Sportmed. 27: 80-88

Malik, M. (1996):
Heart rate variability; standards of measurement, physiological interpretation and clinical use.
Circulation. 93(5): 1043-1065

Malliani, A., Lombardi, F., Pagani, M. (1994):
Power spectrum analysis of heart rate variability: a tool to explore neural regulatory mechanisms.
Heart J. 71(1): 1-2

Malliani, A., Pagani, M., Lombardi, F., Cerutti, S. (1991):
Cardiovascular neural regulation explored in the frequency domain.
Circulation. 84: 482-492

Marlin, D. J., Harris, R. C., Harman, J. C., Snow, D. H. (1987)
Influence of Post Exercise Activity on Rates of Muscle and Blood Lactate Dissappearance in the Thoroughbred Horse.
in: Gillespie, J.R., Robinson, N.E., Equine Exercise Physiology 2,
ICEEP Publication, 321-331

Matsui, K., Sugano, S. (1989):
Influence of autonomic nervous activity on variations in the R-R intervals in adult goats.
Nippon Juigaku Zasshi. 51(3): 574-81

Meesmann, M., Boese, J., Scharf, R. (1995):
Vergleich der Methoden zur Bestimmung der Herzfrequenzvariabilität.
Herzschrittmachertherapie & Elektrophysiologie, Supplement 2, 5: 25-29

Miller, P. A., Lawrence, L. M. (1986):
Changes in equine metabolic characteristics due to exercise fatigue.
Am. J. Vet. Res. 47(10): 2184-2186

Milne, D. W., Gabel, A. A., Muir, W. W., Skarda, R. T. (1977):
Effects of Training on Heart Rate, Cardiac Output, and Lactic Acid in Standardbred Horses, using a Standardized Exercise Test.
J. Equine Med. Surg. 1: 131-135

Milne, D. W., Skarda, R. T., Gabel, A. A., Smith, L. G., Ault, K. (1976):
Effects of training on biochemical values in standardbred horses.
Am. J. Vet. Res. 37(3): 285-90

Montano, N., Ruscone, T. G., Porta, A., Lombardi, F., Pagani, M., Malliani, A. (1994):
Power spectrum analysis of heart rate variability to assess the changes in sympathovagal balance during graded orthostatic tilt.
Circulation. 90(4): 1826-1832

Nakamura, Y., Yamamoto, Y., Muraoka, I. (1993):
Autonomic control of heart rate during physical exercise and fractal dimension of heart rate variability.
J. Appl. Physiol. 74(2): 875-81

Nimmo M. A., Snow D. H. (1983)
Changes in Muscle Glycogen, Lactate and Pyruvate Concentrations in the Thoroughbred Horse Following Maximal Exercise.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 237-244

Pagani, M., Lombardi, F., Guzzetti, S., Rimoldi, O., Furlan, R., Pizzinelli, P., Sandrone, G., Malfatto, G., Dell'Orto, S., Piccaluga, E., et al. (1986):
Power spectral analysis of heart rate and arterial pressure variabilities as a marker of sympatho-vagal interaction in man and conscious dog.
Circ. Res. 59(2): 178-93

Pagani, M., Lombardi, F., Malliani, A. (1993):
Heart rate variability: disagreement on the markers of sympathetic and parasympathetic activities.
JACC. 22(3): 951

Patzak, A., Ebner, J., Johl, C., Berndt, E.-U., Orlow, W., Cammann, H. (1992):
Kardiorespiratorische Beziehungen bei willkürlich kontrollierter Atmung.
Wissenschaftliche Zeitschrift der Humboldt-Universität zu Berlin, R. Medizin. 41(3): 121-129

Persson, S. (1967):
On Blood Volume and Working Capacity in Horses.
Acta Veterinaria Scandinavica. Suppl. 19

Persson, S. G. B. (1983)
Evaluation of Exercise Tolerance and Fitness in the Performance Horse.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 2, Granta Editions, Cambridge, 441-457

Persson, S. G. B., Ekman, L., Lydin, G., Tufvesson, G. (1973):
Circulatory Effects of Splenectomy in the Horse; I: Effect on red-cell distribution and variability of haematocrit in the peripheral blood.
Zbl. Vet. Med. 20: 441-455

Persson, S. G. B., Ullberg, L. E. (1974):
Blood volume in Relation to Exercise Tolerance in Trotters.
J. S. Afr. Vet. Ass. 45(4): 293-199

Pinkowski, W. (1997):
Untersuchungen über die Eliminationsraten verschiedener Blutparameter nach körperlicher Belastung beim Trabrennpferd.
Dissertation, Freie Universität Berlin

Pomeranz, B., Macaulay, R. J., Caudill, M. A., Kutz, I., Adam, D., Gordon, D., Kilborn, K. M., Barger, A. C., Shannon, D. C., Cohen, R. J., et al. (1985):
Assessment of autonomic function in humans by heart rate spectral analysis.
Am. J. Physiol. 248: H151-3

Rennenkampf, F. v., Kraft, H. (1989):
Leistungsüberprüfung bei als Tragetieren eingesetzten Maultieren und Haflingern.
Dtsch. Tierärztl. Wschr. 96: 17-20

Revington, M. (1983):
Haematology of the racing thoroughbred in australia 1: reference values and the effect of excitement.
Equine Vet. J. 15(2): 141-4

Riethmüller, H., Wels, A. (1972):
Trainingswirkungen an Vollblütern, 1.Mitteilung: Muskelspezifische Enzyme.
Zbl. Vet. Med. A. 19: 537-545

Rimoldi, O., Pierini, S., Ferrari, A., Cerutti, S., Pagani, M., Malliani, A. (1990):
Analysis of short-term oscillations of R-R and arterial pressure in conscious dogs.
Am. J. Physiol. 258: H967-H976

Roneus, M., Essen-Gustavsson, B., Lindholm, A., Persson, S. (1987)
A Field Study of Circulatory Response and Muscle Characteristics in Young Thoroughbreds.
in: Gillespie, J.R., Robinson, N.E., Equine Exercise Physiology 2, ICEEP Publication, 376-383

Rose, R. J. (1986):
Endurance exercise in the horse - a review. Part I.
Br. Vet. J. 142(6): 532-41

Rose, R. J., Allen, J. R. (1985):
Haematologic response to exercise and training.
Vet. Clin. North Am. Equine Prac. 1: 461-476

Rose, R. J., Allen, J. R., Hodgson, D. R., Stewart, J. H. (1983):
Responses to submaximal treadmill exercise and training in the horse: changes in haematology, arterial blood gas and acid base measurements, plasma biochemical values and heart rate.
Vet. Rec. 113: 612-618

Rose, R. J., Hodgson, D. R. (1994a):
Clinical Exercise Testing.
in: Hodgson, D. R., Rose, R. J., The Athletic Horse., W.B. Saunders Company, 245-257

Rose, R. J., Hodgson, D. R. (1994b):
Hematology and Biochemistry.
in: Hodgson, D. R., Rose, R. J., The Athletic Horse., W.B. Saunders Company, 63-78

Rose, R. J., Hodgson, D. R., Kelso, T. B., McCutcheon, L. J., Reid, T. A., Bayly, W. M., Gollnick, P. D. (1988):
Maximum O_2 uptake, O_2 debt and deficit and muscle metabolites in Thoroughbred horses.
J. Appl. Physiol. 64(2): 781-8

Rose, R. J., Hodgson, D. R., Sampson, D., Chan, W. (1983):
Changes in plasma biochemistry in horses competing in a 160 km endurance ride.
Aust. Vet. J. 60(4): 101-5

Rose, R. J., Ilkiw, J. E., Arnold, K. S., Backhouse, J. W., Sampson, D. (1980):
Plasma biochemistry in the horse during 3-day event competition.
Equine Vet. J. 12(3): 132-6

Rose, R. J., Ilkiw, J. E., Martin, I. C. (1979):
Blood-gas, acid-base and haematological values in horses during an endurance ride.
Equine Vet. J. 11(1): 56-9

Sachs, L (1984):
Angewandte Statistik.
Springer Verlag Berlin, Heidelberg, New York

Salchow, M. (1994):
Gasstoffwechsel, Herzfrequenz und Blutlactatkonzentration gesunder männlicher Versuchspersonen beim Aquawalking.
Wissentschaftliche Hausarbeit zur Ersten Wissenschaftlichen Staatsprüfung für das Amt des Studienrats, Berlin

Saltin, B., Gollnick, P. D. (1983)
Skeletal muscle adaptability: significance for metabolism and performance.
in: Peachy, L.D., Adrian, R.H., Geiger, R., Handbook of Physiology,
Section 10: Skeletal Muscle; Williams and Wilkins, Baltimore, 555-631

Saul, J. P. (1990):
Beat-to-beat variations of heart rate reflect modulation of cardiac autonomic outflow.
News in Physiological Science. 5: 32-37

Schmidl, M (1985):
Veterinärmedizinische Laboruntersuchungen für die Diagnose und Verlaufskontrolle.
Boehringer Mannheim GmbH

Sexton, W. L., Erickson, H. H., Coffman, J. R. (1987)
Cardiopulmonary and Metabolic Responses to Exercise in the Quarter Horse: Effects of Training.
in: Gillespie, J.R., Robinson, N.E., Equine Exercise Physiology 2,
ICEEP Publication, 77-91

Shannon, C. E. (1948):
A mathematical theory of information.
Bell Syst. Tech. J. 27: 379-423, 623-656

Snow, D. H. (1979):
Metabolic and physiological effects of adrenoceptor agonists and antagonists in the horse.
Res. Vet. Sci. 27(3): 372-8

Snow, D. H., MacKenzie, G. (1977):
Some Metabolic Effects of Maximal Exercise in the Horse and Adaptions with Training.
Equine Vet. J. 9(3): 134-140

Snow, D. H., Mason, D. K., Ricketts, S. W., Douglas, T. A. (1983)
Post race blood Biochemistry in Toroughbreds.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1,
Granta Editions, Cambridge, 389-399

Snow, D. H., Vogel, C. J. (1987a):
The Horse's Life Blood: How its Internal Transport System Works.
in: Snow, D. H., Vogel, C.J., Equine Fitness; The Care and Training of the Athletic Horse, DAVID & CHARLES, Newton Abbot, London, 111-135

Snow, D. H., Vogel, C. J. (1987b):
Training For Performance.
in: Snow, D. H., Vogel, C.J., Equine Fitness; The Care and Training of the Athletic Horse, DAVID & CHARLES, Newton Abbot, London, 179-209

Sommer, H., Styrie, J. (1990a):
Bestimmung der Referenzbereiche einiger Enzyme, Stoffwechselmetaboliten und Mineralstoffe im Blutplasma von Pferden unterschiedlicher Rassen
1.Mitteilung: Blutplasmaenzyme.
Tierärztl. Umschau. 45: 331-337

Sommer, H., Styrie, J. (1990b):
Bestimmung der Referenzbereiche einiger Enzyme, Stoffwechselmetaboliten und Mineralstoffe im Blutplasma von Pferden unterschiedlicher Rassen
2. Mitteilung: Stoffwechselmetaboliten.
Tierärztl. Umschau. 45: 860-866

Sommer, H., Szemes, A., Felbinger, U. (1982):
Einfluß der Rennbelastung auf die Aktivität verschiedener Enzyme und den Gehalt einiger Metaboliten im Blutserum von Galoppern.
Tierärztl. Umschau. 37: 751-759

Spörri, H. (1975):
Elektrokardiographie; Grundlagen der Elektrocardiographie (1).
Tierärztl. Prax. 3: 1-6.

Stanley, W. C., Gertz, E. W., Wisneski, J. A., Neese, R. A., Morris, D. L., Brooks, G. A. (1986):
Lactate extraction during net lactate release in legs of humans during exercise.
J. Appl. Physiol. 60(4): 1116-20

Straub, R., Isler, R., Gysin, J. (1984):
Parameter zur Beurteilung der Ausdauer des Pferdes.
Tierärztl. Prax. 12(4): 499-504

Sullivan, T. E., Armstrong, R. B. (1978):
Rat locomotory muscle fiber activity during trotting and galloping.
J. Appl. Physiol. 44(3): 358-63

Thayer, J. F., Hahn, A. W., Pearson, M. A., Sollers, J. J., Johnson, P. J., Loch, W. E. (1997b):
Heart rate variability during exercise in the horse.
Biomed. Sci. Instrum. 34:246-51

Thayer, J. F., Hahn, A. W., Sollers, J. J., van Doornen, L., Johnson, P. J. (1997a):
Heart rate variability in the horse by ambulatory monitoring.
Biomed. Sci. Instrum. 34:482-5

Thomas, D. P., Fregin, G. F., Gerber, N. H., Ailes, N. B. (1983):
Effects of training on cardiorespiratory function in the horse.
Am. J. Physiol. 245(2): R160-5

Thornton, J., Essén-Gustavsson, B., Lindholm, A., McMiken, D., Persson, S.G.B. (1983)
Effects of Training and Detraining on Oxygen Uptake, Cardiac Output, Blood gas Tension, pH and Lactate Concentration during and after Exercise in the Horse.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 470-486

Town, G. P., Bradley, S. S. (1991):
Maximal metabolic responses of deep and shallow water running in trained runners.
Med. Sci. Sports. Exerc. 23(2): 238-241

Valberg, S. (1986):
Glycogen depletion patterns in the muscle of standardbred trotters after exercise of varying intensities and durations.
Equine Vet. J. 18(6): 479-84

Verter, W., Dietz, O. (1999):
Krankheiten des Herz-Kreislauf-Systems.
in: Dietz, O., Huskamp, B., Handbuch Pferdepraxis.
Ferdinand Enke Verlag Stuttgart, 2. Auflage, 273-300

Warren, J. H., Jaffe, R. S., Wraa, C. E., Stebbins, C. L. (1997):
Effect of autonomic blockade on power spectrum of heart rate variability during exercise.
Am. J. Physiol. 273: R495-502

Webber, C. L. Jr, Zbilut, J. P. (1994):
Dynamical assessment of physiological systems and states using recurrence plot strategies.
J. Appl. Physiol. 76(2): 965-73

Wilson, R. G., Isler, R. B., Thornton, J.R. (1983)
Heart Rate, Lactic Acid Production and Speed during a Standardized Exercise Test in Standardbred horses.
in: Snow, D.H., Persson, S.G.B., Rose, R.J., Equine Exercise Physiology 1, Granta Editions, Cambridge, 487-496

Wirth, W. (1995):
Elektrolyte und Säure-Basen-Haushalt.
in: Kraft, W., Dürr, U. M., Klinische Labordiagnostik in der Tiermedizin, Schattauer Verlag, 144-150

Wittke, G. (1960):
Das Ausmaß der Erythrozytenvermehrung im Blut des Pferdes während und nach der Bewegung.
Berl. Münch. Tierärztl. Wschr. 73(24): 477-479

Yamamoto, Y., Hughson, R. L., Peterson, J. C. (1991):
Autonomic control of heart rate during exercise studied by heart rate variability spectral analysis.
Appl. Physiol. 71(3): 1136-42