



Equine Dysautonomia (Grass Sickness)
1967-2004

Morris Library
Gluck Equine Research Center
University of Kentucky
Lexington, KY 405046

Equine Dysautonomia (Grass Sickness), 1967-2004

1. Chandler, R. L. and Brownlee, A. Ultrastructural observations on neurons of the sympathetic ganglia in grass sickness. *Journal of Comparative Pathology*. 1967; 77(3):339-342; ISSN: 0021-9975.
2. Barlow, R. M. Neuropathological observations in grass sickness of horses. *Journal of Comparative Pathology*. 1969; 79(3):407-411; ISSN: 0021-9975.
3. Limont, A. G. Two cases of grass sickness at a thoroughbred stud. *Veterinary Record*. 1971; 88(4):98-99; ISSN: 0042-4900.
4. Brownlee, A. Possible cause of equine grass sickness? *Veterinary Record*. 1972; 91(24):612; ISSN: 0042-4900.
5. Sampson, J. H. Possible cause of equine grass sickness? *Veterinary Record*. 1972; 91(23):579; ISSN: 0042-4900.
6. Gilmour, J. Grass sickness: the paths of research. *Equine Veterinary Journal*. 1973; 5(3):102-104; ISSN: 0425-1644.
7. Gilmour, J. S. Experimental reproduction of the neurological lesions associated with grass sickness. *Veterinary Record*. 1973; 92(21):565-566; ISSN: 0042-4900.
8. Gilmour, J. S. Observations on neuronal changes in grass sickness of horses. *Research in Veterinary Science*. 1973; 15(2):197-200; ISSN: 0034-5288.
9. Fraser, A. F. and Brownlee, A. Veterinary ethology and grass sickness in horses. *Veterinary Record*. 1974; 95(19):448; ISSN: 0042-4900.
10. Gilmour, J. S. and Jolly, G. M. Some aspects of the epidemiology of equine grass sickness. *Veterinary Record*. 1974; 95(4):77-81; ISSN: 0042-4900.
11. Howell, J. M.; Baker, J. R., and Ritchie, H. E. Observations on the coeliaco-mesenteric ganglia of horses with and without grass sickness. *British Veterinary Journal*. 1974; 130(3):265-270; ISSN: 0007-1935.
12. Pickering, J. P. Ethology and grass sickness. *Veterinary Record*. 1974; 95(20):474; ISSN: 0042-4900.
13. Gilmour, J. S. Chromatolysis and axonal dystrophy in the autonomic nervous system in grass sickness of equidae. *Neuropathology and Applied Neurobiology*. 1975; 1(1):39-48; ISSN: 0305-1846.
14. Gilmour, J. S. Accumulations of nor-adrenaline associated with axonal changes in autonomic ganglia in grass sickness. *Neuropathology and Applied Neurobiology*. 1976; 2(5):389-394; ISSN: 0305-1846.

15. Green, B. Grassjuka hos hast [Equine grass sickness. A review of 40 cases]. Svensk Veterinartidning. 1976; 28(17):739-747; ISSN: 0346-2250.
16. Ashton, D. G.; Jones, D. M., and Gilmour, J. S. Grass sickness in two non-domestic equines. Veterinary Record. 1977; 100(19):406-407; ISSN: 0042-4900.
17. Gilmour, J. S. and Mould, D. L. Experimental studies of neurotoxic activity in blood fractions from acute cases of grass sickness. Research in Veterinary Science. 1977; 22(1):1-4; ISSN: 0034-5288.
18. Stewart, W. J. A case of suspected acute grass sickness in a thoroughbred mare. Australian Veterinary Journal. 1977; 53(4):196; ISSN: 0005-0423.
19. Anderson, P. H.; Patterson, D. S. P., and Berrett, S. Selenium deficiency. Veterinary Record. 1978; 103(7):145-146; ISSN: 0042-4900.
20. Anderson, W. G. F. Selenium deficiency. Veterinary Record. 1978; 103(5):102; ISSN: 0042-4900.
21. Macpherson, R. Selenium deficiency (in the horse). Veterinary Record. 1978; 103(3):60; ISSN: 0042-4900.
22. Mayer, H. and Valder, W. A. Graskrankheit in Deutschland [Grass sickness in Germany]. Berliner und Munchener Tierarztliche Wochenschrift. 1978; 91(8):147-148; ISSN: 0005-9366.
23. Ochoa, R. and de Velandia, S. Equine grass sickness: serologic evidence of association with Clostridium perfringens type A enterotoxin. American Journal of Veterinary Research. 1978; 39(6):1049-1051; ISSN: 0002-9645.
24. Owen, R. A. Selenium deficiency and grass sickness. Veterinary Record. 1978; 103(10):222; ISSN: 0042-4900.
25. Al Bagdadi, F. and Ochoa, R. Ultrastructure of Schwann cells in the Auerbach plexus of the small intestines of Shetland ponies [Grass sickness]. Proceedings, Annual Meeting Electron Microscopy Society of America. 1980; (38):518-519; ISSN: 0091-8628.
26. Hodson, N. P.; Plummer, J. M.; Edwards, G. B., and Whitwell, K. E. On the small intestine of the horse with special reference to grass sickness. Anatomia Histologia Embryologia. 1980; 9(4):364; ISSN: 0340-2096.
27. The enigma of grass sickness. Equine Veterinary Journal. 1981; 13(1):1-2; ISSN: 0425-1644.
28. Arnold, P.; Gerber, H.; Schuler, T.; Gilmour, J.; von Tschärner, C., and Straub, R. Grass sickness beim Pferd. [Grass sickness in the horse]. Schweizer Archiv für Tierheilkunde. 1981; 123(7):383-385; ISSN: 0036-7281.

29. Baker, J. R. and Ellis, C. E. A survey of post mortem findings in 480 horses 1958 to 1980: (1) causes of death. *Equine Veterinary Journal*. 1981; 13(1):43-46; ISSN: 0425-1644.
30. Gilmour, J. S.; Brown, R., and Johnson, P. A negative serological relationship between cases of grass sickness in Scotland and *Clostridium perfringens* type A enterotoxin. *Equine Veterinary Journal*. 1981; 13(1):56-58; ISSN: 0425-1644.
31. Hodson, N.; Edwards, G. B.; Barnett, S. W.; Bishop, A. E.; Cole, G. A.; Probert, L.; Bloom, S. R., and Polak, J. M. Grass sickness of horses: changes in the regulatory peptide system of the bowel. *Veterinary Record*. 1982; 110(12):276; ISSN: 0042-4900.
32. Bishop, A. E.; Cole, G. A.; Probert, L.; Hodson, N. P.; Bloom, S. R., and Polak, J. M. Marked changes in the regulatory peptide system of the bowel in equine grass sickness. *Regulatory Peptides*. 1983; 3(1):65; ISSN: 0167-0115.
33. Johnson, P.; Dawson, A. M., and Mould, D. L. Serum protein changes in grass sickness. *Research in Veterinary Science*. 1983; 35(2):165-170; ISSN: 0034-5288.
34. Polak, J. M.; Bishop, A. E.; Cole, G. A.; Probert, L.; Stephenson, C. J.; Sabate, M. I.; Hodson, N. P.; Edwards, B. A.; Yeats, J., and Bloom S. R. Gut peptides in equine grass sickness. *Regulatory Peptides*. 1983; 5(Suppl. 1):130; ISSN: 0167-0115.
35. Sabate, I. M.; Stephenson, C.; Bishop, A. E.; Probert, L.; Cole, G. A.; Hodson, N. P.; Edwards, G. B.; Yeats, J.; Bloom, S. R., and Polak, J. M. Pathological changes in the regulatory peptides of the gut in equine grass sickness. *Journal of Pathology*. 1983; 139(4):484; ISSN: 0022-3417.
36. Bishop, A. E.; Hodson, N. P.; Major, J. H.; Probert, L.; Yeats, J.; Edwards, G. B.; Wright, J. A.; Bloom, S. R., and Polak, J. M. The regulatory peptide system of the large bowel in equine grass sickness. *Experientia*. 1984; 40(8):801-806; ISSN: 0014-4754.
37. Hodson, N. P.; Causon, R., and Edwards, G. B. Catecholamines in equine grass sickness. *Veterinary Record*. 1984; 115(1):18-19; ISSN: 0042-4900.
38. Hodson, N. P.; Wright, J. A.; Edwards, G. B.; Mescall, P. E., and Suswillo, R. F. Observations on the coeliaco-mesenteric ganglion in normal and horses with grass sickness. *Journal of Pathology*. 1984; 142(2):A21; ISSN: 0022-3417.
39. Hodson, N. P.; Wright, J. A.; Edwards, G. B.; Mescall, P. E.; Suswillo, R. F.; Evans, S. A., and Jeffries, R. The coeliacomesenteric ganglion in equine grass sickness. *Journal of Anatomy*. 1984; 138(3):601-602; ISSN: 0021-8782.
40. Brownlee, A. Neurogenic colic (grass sickness). *Veterinary Record*. 1985; 116(1):27; ISSN: 0042-4900.

41. Johnson, P. Unusual compound of small molecular weight in the serum of horses with acute grass sickness. *Research in Veterinary Science*. 1985; 38(3):329-333; ISSN: 0034-5288.
42. Greet, T. R. and Whitwell, K. E. Barium swallow as an aid to the diagnosis of grass sickness. *Equine Veterinary Journal*. 1986; 18(4):294-297; ISSN: 0425-1644.
43. Hodson, N. P.; Wright, J. A., and Hunt, J. The sympatho-adrenal system and plasma levels of adrenocorticotrophic hormone, cortisol and catecholamines in equine grass sickness. *Veterinary Record*. 1986; 119(6):148-150; ISSN: 0042-4900.
44. Edwards, G. B. Equine dysautonomia. Grass sickness of horses: clinical picture and management. *Journal of Small Animal Practice*. 1987; 28(5):364-368; ISSN: 0022-4510.
45. Gaskell, C. J. Comparative aspects and aetiology [of dysautonomias]. *Journal of Small Animal Practice*. 1987; 28(5):404-406; ISSN: 0022-4510.
46. Gilmour, J. S. Epidemiology and pathology [grass sickness]. *Journal of Small Animal Practice*. 1987; 28(5):373-380; ISSN: 0022-4510.
47. Greet, T. R. C. and Whitwell, K. E. Studies of oesophageal function [grass sickness]. *Journal of Small Animal Practice*. 1987; 28(5):369-372; ISSN: 0022-4510.
48. Hodson, N. P. and Wright, J. A. Electron microscopy [grass sickness]. *Journal of Small Animal Practice*. 1987; 28(5):381-386; ISSN: 0022-4510.
49. Kelly, D. F. Pathological aspects of dysautonomia. *Journal of Small Animal Practice*. 1987; 28(5):407-416; ISSN: 0022-4510.
50. Sharp, N. J. H. Factors relating to the aetiology and pathogenesis of feline and equine dysautonomias. *Journal of Small Animal Practice*. 1987; 28(5):397-403; ISSN: 0022-4510.
51. Esperson, G. and Lorck, H. Hestens graessyge: ergot og ergotisme [Grass sickness in horses, ergot and ergotism]. Copenhagen: Kongelige Veterinaer- og Landbohoejskole; 1988; 303 p. ISBN: 87-7432-311-3.
52. Gilmour, J. Grass sickness. *In Practice*. 1988; 10(4):165-167; ISSN: 0263-841X.
53. Hintz, H. F. Grass sickness. *Equine Practice*. 1988; 10(1):5-6; ISSN: 0162-8941.
54. Hodson, N. P.; Yeats, J.; Wright, J. A., and Bloom, S. R. Plasma levels of regulatory peptides (including insulin) in equine grass sickness and some other conditions. *Journal of Pathology*. 1988; 155(4):346A; ISSN: 0022-3417.
55. Plainfosse, J.; Collobert Laugier, C.; Gillet, J. P., and Robert, J. Y. Grass sickness ou la maladie de l'herbe: une premiere description en France (Grass sickness: first report

in France). In: Journee de la recherche chevaline. Quoi de neuf en matiere d'etudes et de recherches sur le cheval? : compte rendu general, 14eme jurnee d'etude. Paris: CEREOPA; 1988: 183-191. ISBN: 2859030383.

56. Wright, J. A. and Hodson, N. P. Pathological changes in the brain in equine grass sickness. *Journal of Comparative Pathology*. 1988; 98(2):247-252; ISSN: 0021-9975.
57. Hodson, N. P.; Wright, J. A.; Causon, R. C., and Hunt, J. M. Plasma and tissue histamine in equine grass sickness. *Journal of Veterinary Pharmacology and Therapeutics*. 1989; 12(3):340-343; ISSN: 0140-7783.
58. Pinsent, P. J. N. Grass sickness of horses (grass disease: equine dysautonomia). *Veterinary Annual*. 1989; (29):169-174; ISSN: 0083-5870.
59. Doxey, D. L.; Robb, J.; Milne, E. M., and Gilmour, J. S. Mycological studies on the equine intestinal tract with particular reference to equine dysautonomia (grass sickness). *Annals of Applied Biology*. 1990; 117(2):337-341; ISSN: 0003-4746.
60. Hintz, H. F. La malattia da erba (disautonomia equina) [The equine grass sickness (equine dysautonomia)]. *Selezione Veterinaria* . 1990; 31(5):665-666; ISSN: 0037-1521.
61. Hodson, N.; Hunt, J., and Causon, R. C. Plasma histamine levels during exploratory laparotomies in suspected equine grass sickness cases. *Equine Veterinary Journal*. 1990; 22(5):362-363; ISSN: 0425-1644.
62. Milne, E. M.; Doxey, D. L., and Gilmour, J. S. Analysis of peritoneal fluid as a diagnostic aid in grass sickness (equine dysautonomia). *Veterinary Record*. 1990; 127(7):162-165; ISSN: 0042-4900.
63. Milne, E. M.; Doxey, D. L., and Gilmour, J. S. Serum lipids and lipoproteins in equine colic and grass sickness. *Research in Veterinary Science*. 1990; 48(2):170-174; ISSN: 0034-5288.
64. Pemberton, A. D.; Hodgson, J. C.; Gilmour, J. S., and Doxey, D. L. Characterisation of compounds isolated from the sera of horses with acute grass sickness. *Research in Veterinary Science*. 1990; 49(3):315-318; ISSN: 0034-5288.
65. Persson, L. Graessjuka. Foerdjupningsarbete [Grass sickness]. Uppsala (Sweden): Sveriges Lantbruksuniv; 1990; 37 p.
66. Doxey, D. L.; Gilmour, J. S., and Milne, E. M. A comparative study of normal equine populations and those with grass sickness (dysautonomia) in eastern Scotland. *Equine Veterinary Journal*. 1991; 23(5):365-369; ISSN: 0425-1644.
67. Doxey, D. L.; Gilmour, J. S., and Milne, E. M. The relationship between meteorological features and equine grass sickness (dysautonomia). *Equine Veterinary Journal*. 1991; 23(5):370-373; ISSN: 0425-1644.

68. Doxey, D. L.; Milne, E. M.; Gilmour, J. S., and Pogson, D. M. Clinical and biochemical features of grass sickness (equine dysautonomia). *Equine Veterinary Journal*. 1991; 23(5):360-364; ISSN: 0425-1644.
69. Gilmour, J. S. Grass sickness. In: Boden, E., editor. *Equine Practice*. London: Bailliere Tindall; 1991; pp. 97-106. (In practice handbooks). ISBN: 0-7020-1521-0.
70. Milne, E. M.; Doxey, D. L.; Kent, J. E., and Pemberton, A. Acute phase proteins in grass sickness (equine dysautonomia). *Research in Veterinary Science*. 1991; 50(3):273-278; ISSN: 0034-5288.
71. Uzal, F. A.; Robles, C. A., and Olaechea, F. V. Primera descripcion de alteraciones histopatologicas en los ganglios celiaco-mesenterico anteriores de un equino con 'mal seco' [First description of histopathological changes in the anterior coelio-mesenteric ganglia of a horse with 'mal seco']. *Revista de Medicina Veterinaria Buenos Aires*. 1991; 72(2):68-69; ISSN: 0325-6391.
72. Whitwell, K. E. Do hares suffer from grass sickness? *Veterinary Record*. 1991; 128(17):395-396; ISSN: 0042-4900.
73. Woods, J. A. and Gilmour, J. S. A suspected case of grass sickness in the Falkland Islands. *Veterinary Record*. 1991; 128(15):359-360; ISSN: 0042-4900.
74. Barrett, D. C.; Taylor, F. G. R., and Morgan, K. L. A telephone-based case-control study of fatal equine colics in Wales during 1988 with particular reference to grass disease. *Preventive Veterinary Medicine*. 1992; 12(3-4):205-215; ISSN: 0167-5877.
75. Brownlee, A. 'Mal seco' and grass sickness. *Veterinary Record*. 1992; 131(8):180; ISSN: 0042-4900.
76. Doxey, D. L. 'Mal seco' and grass sickness. *Veterinary Record*. 1992; 131(9):204; ISSN: 0042-4900.
77. Doxey, D. L.; Pogson, D. M.; Milne, E. M.; Gilmour, J. S., and Chisholm, H. K. Clinical equine dysautonomia and autonomic neuron damage. *Research in Veterinary Science*. 1992; 53(1):106-109; ISSN: 0034-5288.
78. Pogson, D. M.; Doxey, D. L.; Gilmour, J. S.; Milne, E. M., and Chisholm, H. K. Autonomic neuron degeneration in equine dysautonomia (grass sickness). *Journal of Comparative Pathology*. 1992; 107(3):271-283; ISSN: 0021-9975.
79. Pollin, M. M. and Griffiths, I. R. A review of the primary dysautonomias of domestic animals. *Journal of Comparative Pathology*. 1992; 106(2):99-119; ISSN: 0021-9975.
80. Uzal, F. A.; Robles, C. A., and Olaechea, F. V. Histopathological changes in the coeliaco-mesenteric ganglia of horses with 'mal seco', a grass sickness-like syndrome, in Argentina. *Veterinary Record*. 1992; 130(12):244-246; ISSN: 0042-4900.

81. Whitwell, K. E. Does grass sickness cross the placenta? A preliminary study. *British Veterinary Journal*. 1992; 148(1):81-83; ISSN: 0007-1935.
82. Griffiths, I. R.; Kyriakides, E.; Smith, S.; Howie, F., and Deary, A. W. Immunocytochemical and lectin histochemical study of neuronal lesions in autonomic ganglia of horses with grass sickness. *Equine Veterinary Journal*. 1993; 25(5):446-452; ISSN: 0425-1644.
83. Griffiths, I. R. and Whitwell, K. E. Leporine dysautonomia: further evidence that hares suffer from grass sickness. *Veterinary Record*. 1993; 132(15):376-377; ISSN: 0042-4900.
84. Johnson, P. Equine dysautonomia (grass sickness). *Proceedings of the Annual Veterinary Forum, American College of Veterinary Internal Medicine*. 1993; (11):659-661.
85. Leendertse, I. P. Een paard met grass sickness. [A horse with grass sickness]. *Tijdschrift voor Diergeneeskunde*. 1993; 118(11):365-366; ISSN: 0040-7453.
86. Robles, C. A.; Uzal, F. A.; Pueyo, J. M., and Pelliza, A. Aspectos clinicos, epidemiologicos y estudio de la dieta en equinos y mulares con Mal Seco [Clinical aspects, epidemiology and diet study in horses and mules with Mal Seco ("dry disease")]. *Revista De Medicina Veterinaria Buenos Aires*. 1993; 74(5):244-252; ISSN: 0325-6391.
87. Scholes, S. F.; Vaillant, C.; Peacock, P.; Edwards, G. B., and Kelly, D. F. Diagnosis of grass sickness by ileal biopsy. *Veterinary Record*. 1993; 133(1):7-10; ISSN: 0042-4900.
88. Scholes, S. F.; Vaillant, C.; Peacock, P.; Edwards, G. B., and Kelly, D. F. Enteric neuropathy in horses with grass sickness. *Veterinary Record*. 1993; 132(26):647-651; ISSN: 0042-4900.
89. Uzal, F. Mal seco equino [Equine 'mal seco' (grass-sickness like disease)]. *Patologia Animal*. 1993; 7(1):5-8; ISSN: 0716-5374.
90. Uzal, F. A. and Robles, C. A. El mal seco y mal de la hierba en equinos ['Mal seco' ("dry disease") and grass sickness in horses]. *Veterinaria Argentina*. 1993; 10(95):327-328; ISSN: 0326-4629.
91. Uzal, F. A. and Robles, C. A. Mal seco, a grass sickness-like syndrome of horses in Argentina. *Veterinary Research Communications*. 1993; 17(6):449-457; ISSN: 0165-7380.
92. Baustad, B.; Bakken, T. K.; Kolbjornsen, O., and Sigurdardottir, O. G. Grass sickness hos hest (equine dysautonomi). *Kasuistikk og litteraturgjennomgang [Grass sickness in horses (equine dysautonomia). Case reports and literature review]*. *Norsk Veterinaertidsskrift*. 1994; 106(2):97-105; ISSN: 0332-5741.

93. Doxey, D. L. and Uzal, F. A. Mal de la hierba, mal seco y mal hinchado de los equinos: un problema diagnostico [Grass sickness, 'mal seco' and 'mal inchada' in horses: a problematic diagnosis]. *Veterinaria Argentina*. 1994; 11(105):328-331; ISSN: 0326-4629.
94. Gerber, H. Equine motor neuron disease and grass sickness. *Veterinary Record*. 1994; 135(18):440; ISSN: 0042-4900.
95. Griffiths, I. R.; Smith, S.; Doxey, D. L.; Whitwell, K., and Love, S. Evidence that the agent of equine grass sickness may reach neurons by retrograde axonal transport. *Veterinary Record*. 1994; 135(22):520-523; ISSN: 0042-4900.
96. Griffiths, I. R.; Smith, S.; Kyriakides, E., and Barrie, J. M. Autonomic neurons from horses with grass sickness contain serum proteins. *Veterinary Record*. 1994; 135(4):90-91; ISSN: 0042-4900.
97. Gruys, E.; Beynen, A. C.; Binkhorst, G. J.; van Dijk, S.; Koeman, J. P., and Stolk, P. Neurodegeneratieve aandoeningen van het centrale zenuwstelsel bij het paard. [Neurodegenerative disorders of the central nervous system in horses]. *Tijdschrift voor Diergeneeskunde*. 1994; 119(19):561-567; ISSN: 0040-7453 .
98. Milne, E. and Wallis, N. Nursing the chronic grass sickness patient. *Equine Veterinary Education*. 1994; 6(4):217-219; ISSN: 0957-7734.
99. Milne, E. M.; Woodman, M. P., and Doxey, D. L. Use of clinical measurements to predict the outcome in chronic cases of grass sickness (equine dysautonomia). *Veterinary Record*. 1994; 134(17):438-440; ISSN: 0042-4900.
100. Murray, A.; Cottrell, D. F., and Woodman, M. P. Cholinergic activity of intestinal muscle in vitro taken from horses with and without equine grass sickness. *Veterinary Research Communications*. 1994; 18(3):199-207; ISSN: 0165-7380.
101. Uzal, F. A.; Doxey, D. L.; Robles, C. A.; Woodman, M. P., and Milne, E. M. Histopathology of the brain-stem nuclei of horses with 'Mal seco', an equine dysautonomia. *Journal of Comparative Pathology*. 1994; 111(3):297-301; ISSN: 0021-9975.
102. Whitwell, K. E. More cases of leporine dysautonomia. *Veterinary Record*. 1994; 134(9):223-224; ISSN: 0042-4900.
103. Wood, J. L. N.; Doxey, D. L., and Milne, E. M. Preliminary analysis of a matched case control study of grass sickness in the United Kingdom. *Society for Veterinary Epidemiology and Preventive Medicine. Proceedings*. 1994; 155-166.
104. Doxey, D. L.; Milne, E. M., and Harter, A. Recovery of horses from dysautonomia (grass sickness). *Veterinary Record*. 1995; 137(23):585-588; ISSN: 0042-4900.
105. Doxey, D. L.; Milne, E. M.; Woodman, M. P.; Gilmour, J. S., and Chisholm, H. K. Small

intestine and small colon neuropathy in equine dysautonomia (grass sickness). *Veterinary Research Communications*. 1995; 19(6):529-543; ISSN: 0165-7380.

106. Doxey, D. L.; Tothill, S.; Milne, E. M., and Davis, Z. Patterns of feeding and behaviour in horses recovering from dysautonomia (grass sickness). *Veterinary Record*. 1995; 137(8):181-183; ISSN: 0042-4900.
107. Fatzer, R.; Straub, R.; Gerber, V.; Hani, H.; Boujon, C.; Tipold, A.; Herholz, C.; Tschudi, P.; Poncet, P. A., and Gerber, H. Sind Equine Motorische Nervenzell-Degeneration (EMND) und Graskrankheit des Pferdes unterschiedliche Manifestationen der gleichen Grundkrankheit [Are equine motor neuron disease (EMND) and grass sickness of the horse different manifestations of the same underlying disease]? *Pferdeheilkunde*. 1995; 11(1):17-29; ISSN: 0177-7726.
108. Johnson, P. J. Equine dysautonomia. *Equine Practice*. 1995; 17(2):25-32; ISSN: 0162-8941.
109. Whitwell, K. E. Pathological findings in wild hares suffering from a disease resembling equine grass sickness. In: *European Society of Veterinary Pathology. Proceedings of the 13th European Congress on Veterinary Pathology; Edinburgh, Scotland. s.l.: SCIVAC; 1995: 3A-6. European Journal of Veterinary Pathology. v. 2, Supplement).*
110. Bladon, B. Apparent recovery from subacute grass sickness: or just another impaction? *Equine Veterinary Education*. 1996; 8(2):67-70; ISSN: 0957-7734.
111. Giraud Conesa, L. C. Detection of serum proteins in autonomic ganglia from horses with 'Mal Seco'. *Journal of Equine Veterinary Science*. 1996; 16(2):52; ISSN: 0737-0806.
112. Giraud Conesa, L. C. and Uzal, F. A. Evidence of serum proteins in neurons of autonomic ganglia from horses with 'mal seco'. *Veterinary Record*. 1996; 138(26):646-647; ISSN: 0042-4900.
113. Lhomme, C.; Collobert Laugier, C.; Amardeilh, M. F., and Delverdier, M. Dysautonomie equine: etude anatomo-clinique a partir de huit cas [Equine dysautonomia: 8 cases]. *Revue de Medecine Veterinaire*. 1996; 147(11):805-812; ISSN: 0035-1555.
114. Milne, E. M. Clinical diagnosis and management of acute and subacute grass sickness. *Equine Veterinary Education*. 1996; 8(2):71-73; ISSN: 0957-7734.
115. Milne, E. M.; Doxey, D. L.; Woodman, M. P.; Cuddeford, D., and Pearson, R. A. An evaluation of the use of cisapride in horses with chronic grass sickness (equine dysautonomia). *British Veterinary Journal*. 1996; 152(5):537-549; ISSN: 0007-1935.
116. Murphy, D. and Love, S. Diagnostic aids and prognostic indicators for chronic grass sickness: possibilities for the future. *British Veterinary Journal*. 1996; 152(5):147-

499; ISSN: 0007-1935.

117. Uzal, F. A.; Woodman, M. P.; Giraudo, C. G.; Robles, C. A., and Doxey, D. L. An attempt to reproduce 'mal seco' in horses by feeding them *Festuca argentina*. *Veterinary Record*. 1996; 139(3):68-70; ISSN: 0042-4900.
118. Cummings, J. F.; De Lahunta, A.; Mohammed, H. O., and Divers, T. J. Histopathology of equine motor neuron disease (EMND). In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 23-24.
119. Cummings, J. F.; De Lahunta, A.; Mohammed, H. O., and Divers, T. J. The role of oxidative stress in equine neurodegenerative disorders. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 68-69.
120. Divers, T. J.; Cummings, J. F.; Mohammed, H. O., and De Lahunta, A. Equine motor neuron disease in the eastern United States - clinical and laboratory findings. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 9-11.
121. Doxey, D. L. Experimentally induced lesions in dysautonomia (GS). In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop* ; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 50-51.
122. Edwards, G. B. Grass sickness: a surgeon's viewpoint. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd. 1997: 4-6.
123. Fatzer, R. Lesions of both EMND and grass sickness in Swiss horses. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 25-27.
124. Gerber, H. and Gerber, V. Epidemiological findings in cases with simultaneous lesions of grass sickness and of motor neuron disease. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 47-49.
125. Gerber, V. M. and Gerber, U. Epidemiology of grass sickness at the Federal Stud of Switzerland. In: Hahn, C., editor. *Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop*; Bern,

Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 45-46.

126. Gruys, E.; Van Dijk, S., and Koeman, J. P. Neurodegenerative patterns in equine patients with clinical features of motor neuron disease and/or grass sickness (dysautonomia) - a preliminary report. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 28-33.
127. Herholz, C.; Straub, R.; Gerber, V., and Gerber, H. Grass sickness and equine motor neuron disease: selected cases. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 12-14.
128. John, H. A.; Gilmour, J. S.; Baird, A., and Milne, E. M. Retrospective in vitro toxicity testing of plasma from equine dysautonomia (grass sickness) cases previously used in in vivo studies. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 58-62.
129. John, H. A.; Laffling, A. J.; Mayhew, I. G., and Whitwell, K. Variable susceptibility of autonomic nerve cell lines established from different horses to toxic plasma from equine dysautonomia cases. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 63-67.
130. Mayhew, I. G. Equine degenerative myeloencephalopathy: the role of vitamin E deficiency. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 70-71.
131. Mayhew, I. G. Attempts at objectively identifying the signs of autonomic failure in equine grass sickness and equine motor neuron disease. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop ; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1995: 15.
132. Merrit, A. M. Objective measurement of gastrointestinal tract motility in the horse. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 16-17.
133. Milne, E. Grass sickness. In: Robinson, N. E., editor. Current Therapy in Equine Medicine. 4th ed. Philadelphia: W. B. Saunders; 1997; pp. 203-206. ISBN: 0-7216-2633-5.
134. Milne, E. Grass sickness: an update. In Practice. 1997; 19(3):128-133; ISSN: 0263-841X.
135. Milne, E. M. Clinical aspects and treatment of grass sickness in the UK. In: Hahn, C.,

editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 1-3.

136. Milne, E. M. and Mayhew, I. G. J. Equine grass sickness: clinical findings and pathology. In: International Equine Neurology Conference; College of Veterinary Medicine, Cornell University. Ithaca: Cornell University; 1997: 88-90.
137. Mohammed, H. O.; De La Rua-Domenech, R.; Cummings, J. F., and Divers, T. J. Epidemiological findings on equine motor neuron disease. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 42-44.
138. Murray, A.; Pearson, G. T., and Cottrell, D. F. In vitro responses to noradrenaline of small intestine taken from normal and grass sickness-affected horses. *Veterinary Research Communications*. 1997; 21(8):571-585; ISSN: 0165-7380.
139. Murray, A.; Pearson, G. T., and Cottrell, D. F. Light microscopy of the enteric nervous system of horses with or without equine dysautonomia (grass sickness): its correlation with the motor effects of physostigmine. *Veterinary Research Communications*. 1997; 21(7):507-520; ISSN: 0165-7380.
140. Poxton, I. R.; Hunter, L. C.; Brown, R.; Lough, H. G., and Miller, J. K. Clostridia and equine grass sickness. *Reviews in Medical Microbiology*. 1997; 8(Suppl. 1):S49-S51; ISSN: 0954-139X.
141. Robb, J.; Doxey, D.; Milne, E. M., and Whitwell, K. The isolation of potentially toxigenic fungi from the environment of horses with grass sickness and real seco. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 52-54.
142. Robb, J.; Doxey, D. L., and John, H. Effects of fungal extracts on equine autonomic nerve cells in vitro. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 55-57.
143. Schulze, C.; Venner, M., and Pohlenz, J. Chronische Graskrankheit (Equine Dysautonomie) bei einer zweieingalb-jährigen Islander-Stute auf einer nordfriesischen Insel [Chronic grass sickness (equine dysautonomia) in a 2.5-year-old Icelandic mare from a north Friesian island]. *Pferdeheilkunde*. 1997; 13(4):345-350; ISSN: 0177-7726.
144. Uzal, F. A. and Robles, C. A. Clinical signs of 'mal seco', a grass sickness-like syndrome of horses. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop ; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 7-8.

145. Uzal, F. A. and Robles, C. A. Epidemiology and aetiological features of real seco, a grass sickness-like syndrome of horses. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 40-41.
146. Uzal, F. A. and Robles, C. A. Post mortem changes of 'mal seco', a grass sickness-like syndrome of horses. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop ; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 21-22.
147. Vandeveldel, M. Common aetiology for equine motor neuron disease and grass sickness? A neuropathological point of view. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 35-36.
148. Vandeveldel, M. Motor neuron diseases in domestic animals. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 34.
149. Whitwell, K. Histopathology of grass sickness: comparative aspects of dysautonomia in various species (equine, feline, canine, leporids). In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd.; 1997: 18-20.
150. Wolter, R. Dysautonomie feline Medele etiologique des dysautonomies animales (chien, cheval, lievre,...) [Feline dysautonomia. Aetiological model for animal dysautonomias (dog, horse, hare...)]? Bulletin de l'Academie Veterinaire de France. 1997; 70(1):81-87; ISSN: 0001-4192.
151. Wood, J. The epidemiology of grass sickness in the United Kingdom. In: International Equine Neurology Conference; College of Veterinary Medicine, Cornell University. Ithaca: Cornell University; 1997: 91-92.
152. Wood, J. L. N.; Doxey, D. L., and Milne, E. Epidemiology of grass sickness in the UK - some preliminary results from a case control study, 1992-1994. In: Hahn, C., editor. Grass sickness, equine motor neuron disease and related disorders : proceedings of the first International Workshop ; Bern, Switzerland. Newmarket: Equine Veterinary Journal Ltd. 1997: 37-39.
153. Doxey, D. L.; Milne, E. M.; Ellison, J., and Curry, P. J. Long-term prospects for horses with grass sickness (dysautonomia). Veterinary Record. 1998; 142(9):207-209; ISSN: 0042-4900.
154. Robles, C. A.; Uzal, F. A.; Olaechea, F. V., and Pueyo, J. M. Hallazgos

anatomopathologicos en equinos y mulares de la region patagonica, afectados de mal seco [Pathological findings in horses and mules with 'mal seco', a grass sickness-like disease, in the Patagonia Region, Argentina]. *Revista de Medicina Veterinaria Buenos Aires*. 1998; 79(3):194-196; ISSN: 0325-6391.

155. Wood, J. L.; Milne, E. M., and Doxey, D. L. A case-control study of grass sickness (equine dysautonomia) in the United Kingdom. *Veterinary Journal*. 1998; 156(1):7-14; ISSN: 1090-0233.
156. Cottrell, D. F.; McGorum, B. C., and Pearson, G. T. The neurology and enterology of equine grass sickness: a review of basic mechanisms. *Neurogastroenterology and Motility*. 1999; 11(2):79-92; ISSN: 1350-1925.
157. Divers, T. J. Comparing equine motor neuron disease (EMND) with equine grass sickness (EGS). *Equine Veterinary Journal*. 1999; 31(2):90-91; ISSN: 0425-1644.
158. Doxey, D. L.; Milne, E. M.; Gwilliam, R., and Sandland, J. Prediction of long-term outcome following grass sickness (equine dysautonomia). *Veterinary Record*. 1999; 144(14):386-387; ISSN: 0042-4900.
159. Hunter, L. C.; Miller, J. K., and Poxton, I. R. The association of *Clostridium botulinum* type C with equine grass sickness: a toxicoinfection? *Equine Veterinary Journal*. 1999; 31(6):492-499; ISSN: 0425-1644.
160. Kerr, M. Urine analysis in equine grass sickness. *Veterinary Record*. 1999; 145(5):147-148; ISSN: 0042-4900.
161. Marrs, J.; Huw, J.; Milne, E., and Irvine, R. Urine analysis in equine grass sickness - Julia Marrs and colleagues write. *Veterinary Record*. 1999; 145(5):148; ISSN: 0042-4900.
162. Marrs, J.; John, H.; Milne, E., and Irvine, R. Urine analysis in equine grass sickness. *Veterinary Record*. 1999; 144(26):734-735; ISSN: 0042-4900.
163. McCarthy, H. E.; Proudman, C. J.; Edwards, G. B., and French, N. P. Grass sickness research project. *Veterinary Record*. 1999; 144(10):272; ISSN: 0042-4900.
164. Poxton, I. R.; Hunter, L.; Lough, H., and Miller, K. Is equine grass sickness (mal seco?) a form of botulism? *Anaerobe*. 1999; 5(3-4):291-293; ISSN: 1075-9964.
Notes: Proceedings of the Anaerobic Society of the Americas Congress on Anaerobic Bacteria and Anaerobic Infections, Buenos Aires, Argentina, 24-26 April, 1998
165. Wood, J. L.; McGorum, B. C., and Mayhew, I. G. Equine dysautonomia: has grass been blamed unfairly all this time? *Equine Veterinary Journal*. 1999; 31(6):451-452; ISSN: 0425-1644.
166. Creighton, A. J.; Baird, A.; Kilpatrick, I. C.; Irvine, R.; Milne, E., and John, H. A.

Decreased glutamate content and abnormal distribution of glutamate dehydrogenase and glutamine synthetase in superior cervical ganglia in equine dysautonomia (grass sickness). *Neuroscience Research Communications*. 2000; 27(1):21-28; ISSN: 0893-6609.

167. Creighton, A. J.; Baird, A.; Kilpatrick, I. C.; Irvine, R.; Milne, E., and John, H. A. Decreased glutamate content and abnormal distribution of glutamate dehydrogenase and glutamine synthetase in superior cervical ganglia in equine dysautonomia (grass sickness). *Neuroscience Research Communications*. 2000; 27(1):21-28; ISSN: 0893-6609.
168. Doxey, D. L.; Johnston, P.; Hahn, C., and Reynolds, J. Histology in recovered cases of grass sickness. *Veterinary Record*. 2000; 146(22):645-646; ISSN: 0042-4900.
169. Eser, M. W.; Feige, K., and Hilbe, M. Klinische Symptomatik und Diagnostik bei Pferden mit akuter Grass sickness in der Schweiz und in Süddeutschland [Clinical signs and diagnosis of acute grass sickness in horses in Switzerland and in Southern Germany]. *Pferdeheilkunde*. 2000; 16(2):138-143; ISSN: 0177-7726.
170. Hahn, C. N. and Mayhew, I. G. Phenylephrine eyedrops as a diagnostic test in equine grass sickness. *Veterinary Record*. 2000; 147(21):603-606; ISSN: 0042-4900.
171. John, H. A.; Laffling, A. J.; Marrs, J.; Baird, A.; Jat, P. S.; Holdstock, N. B., and Rosedale, P. D. Establishment and characterization of equine autonomic ganglion cell lines to enable direct testing of candidate toxins involved in equine dysautonomia (grass sickness). *Cell Biology and Toxicology*. 2000; 16(1):63-74; ISSN: 0742-2091.
172. John, H. A.; Marrs, J., and Laffling, A. J. Investigation of the susceptibility of equine autonomic neuronal cell lines, clonally derived from the same paravertebral ganglion, to toxic plasma from equine dysautonomia (grass sickness) cases. *Toxicology in Vitro*. 2000; 14(5):459-465; ISSN: 0887-2333.
173. McCarthy, H. E.; Proudman, C. J.; Edwards, G. B., and French, N. P. Grass sickness research. *Veterinary Record*. 2000; 146(12):356; ISSN: 0042-4900.
174. McGorum, B. C.; Fry, S. C.; Wallace, G.; Coenen, K.; Robb, J.; Williamson, G., and Aruoma, O. I. Properties of herbage in relation to equine dysautonomia: biochemical composition and antioxidant and prooxidant actions. *Journal of Agricultural and Food Chemistry*. 2000; 48(6):2346-2352; ISSN: 0021-8561.
175. Perkins, J. D.; Bowen, I. M.; Else, R. W.; Marr, C. M., and Mayhew, I. G. Functional and histopathological evidence of cardiac parasympathetic dysautonomia in equine grass sickness. *Veterinary Record*. 2000; 146(9):246-250; ISSN: 0042-4900.
176. Collier, D. S.; Collier, S. O., and Rosedale, P. D. Grass sickness--the same old suspects but still no convictions! *Equine Veterinary Journal*. 2001; 33(6):540-542; ISSN: 0425-1644.

177. Hahn, C. N.; Mayhew, I. G., and de Lahunta, A. Central neuropathology of equine grass sickness. *Acta Neuropathologica* . 2001; 102(2):153-159; ISSN: 0001-6322.
178. Hahn, C. N.; Whitwell, K. E., and Mayhew, I. G. Central nervous system pathology in cases of leporine dysautonomia. *Veterinary Record*. 2001; 149(24):745-746; ISSN: 0042-4900.
179. Hudson, N.; Mayhew, I., and Pearson, G. A reduction in interstitial cells of Cajal in horses with equine dysautonomia (grass sickness). *Autonomic Neuroscience*. 2001; 92(1-2):37-44; ISSN: 1566-0702.
180. Hunter, L. C. and Poxton, I. R. Systemic antibodies to *Clostridium botulinum* type C: do they protect horses from grass sickness (dysautonomia)? *Equine Veterinary Journal*. 2001; 33(6):547-553; ISSN: 0425-1644.
181. John, H. A.; Creighton, A. J., and Baird, A. Thoracic sympathetic chain ganglion neuronal abnormalities that may explain some of the clinical signs of grass sickness. *Veterinary Record*. 2001; 148(6):180-182; ISSN: 0042-4900.
182. Marrs, J.; Small, J.; Milne, E. M., and John, H. A. Liver and biliary system pathology in equine dysautonomia (grass sickness). *Journal of Veterinary Medicine. A, Physiology, Pathology, Clinical Medicine*. 2001; 48(4):243-255; ISSN: 0931-184X.
183. McCarthy, H. E.; Proudman, C. J., and French, N. P. Epidemiology of equine grass sickness: a literature review (1909-1999). *Veterinary Record*. 2001; 149(10):293-300; ISSN: 0042-4900.
184. McGorum, B. and Milne, E. Equine grass sickness website. *Veterinary Record*. 2001; 148(19):608; ISSN: 0042-4900.
185. McGorum, B. C. and Kirk, J. Equine dysautonomia (grass sickness) is associated with altered plasma amino acid levels and depletion of plasma sulphur amino acids. *Equine Veterinary Journal*. 2001; 33(5):473-477; ISSN: 0425-1644.
186. Wales, A. D.; Blunden, A. S., and Hosegood, O. M. Grass sickness with atypical presentation in a young zebra. *Veterinary Record*. 2001; 148(26):818-819; ISSN: 0042-4900.
187. Romanski, K.; Slawuta, P., and Jankowski, M. Cizaprid - wlasciwosci farmakologiczne i mozliwosc stosowania w praktyce weterynaryjnej [Cisapride - usefulness in human medicine and perspectives for application in veterinary practice]. *Clinical aspects. Medycyna Weterynaryjna* . 2001 Nov; 57(11):796-799; ISSN: 0025-8628.
188. Araya, O.; Vits, L.; Paredes, E., and Ildefonso, R. Grass sickness in horses in southern Chile. *Veterinary Record*. 2002; 150(22):695-697; ISSN: 0042-4900.
189. Chandler, K. J. and Dixon, R. M. Urinary cortisol:creatinine ratios in healthy horses and

horses with hyperadrenocorticism and non-adrenal disease. *Veterinary Record*. 2002; 150(25):773-776; ISSN: 0042-4900.

190. Delguste, C.; Cassart, D.; Baise, E.; Linden, A.; Schwarzwald, C.; Feige, K.; Sandersen, C.; Rollin, F., and Amory, H. Myopathies atypiques chez les chevaux au pre: une serie de cas en Belgique [Atypical myoglobinuria in grazing horses: an outbreak in Belgium]. *Annales de Medecine Veterinaire*. 2002; 146(4):235-247; ISSN: 0003-4118.
191. Fintl, C. and McGorum, B. C. Evaluation of three ancillary treatments in the management of equine grass sickness. *Veterinary Record*. 2002; 151(13):381-383; ISSN: 0042-4900.
192. Fintl, C.; Milne, E. M., and McGorum, B. C. Evaluation of urinalysis as an aid in the diagnosis of equine grass sickness. *Veterinary Record*. 2002; 151(24):721-724; ISSN: 0042-4900.
193. Garrett, L. A.; Brown, R., and Poxton, I. R. A comparative study of the intestinal microbiota of healthy horses and those suffering from equine grass sickness. *Veterinary Microbiology*. 2002; 87(1):81-88; ISSN: 0378-1135.
194. Hudson, N.; Mayhew, I., and Pearson, G. Presence of in vitro electrical activity in the ileum of horses with enteric nervous system pathology: equine dysautonomia (grass sickness). *Autonomic Neuroscience*. 2002; 99(2):119-226; ISSN: 1566-0702.
195. Hunter, L. C. and Poxton, I. R. Clostridium botulinum types C and D and the closely related Clostridium novyi. *Reviews in Medical Microbiology*. 2002; 13(2):75-90; ISSN: 0954-139X.
196. McGorum, B. C. and Anderson, R. A. Biomarkers of exposure to cyanogens in horses with grass sickness. *Veterinary Record*. 2002; 151(15):442-445; ISSN: 0042-4900.
197. Bohnel, H.; Wernery, U., and Gessler, F. Two cases of equine grass sickness with evidence for soil-borne origin involving botulinum neurotoxin. *Journal of Veterinary Medicine. B, Infectious Diseases and Veterinary Public Health*. 2003; 50(4):178-182; ISSN: 0931-1793.
198. Hagbard, H. Graessyge [Grass sickness]. *Dansk Veterinaertidsskrift*. 2003; 86(13):18-19; ISSN: 0106-6854.
199. McGorum, B. C.; Kyles, K. W.; Prince, D.; Hahn, C. N., and Mayhew, I. G. Clinicopathological features consistent with both botulism and grass sickness in a foal. *Veterinary Record*. 2003; 152(11):334-336; ISSN: 0042-4900.
200. McGorum, B. C.; Wilson, R.; Pirie, R. S.; Mayhew, I. G.; Kaur, H., and Aruoma, O. I. Systemic concentrations of antioxidants and biomarkers of macromolecular oxidative damage in horses with grass sickness. *Equine Veterinary Journal*. 2003; 35(2):121-126; ISSN: 0425-1644.

201. Newton, J. R.; Hedderson, E.; Adams, V. J.; McGorum, B.; Proudman, C., and Wood, J. L. N. Risk factors associated with equine grass sickness recurring on previously affected premises. *Society for Veterinary Epidemiology and Preventive Medicine. Proceedings.* 2003; 265-277.
202. Owen, R. R. and Kelly, D. F. Complete clinical recovery of a pony with histologically confirmed chronic grass sickness. *Veterinary Record.* 2003; 153(19):597-598; ISSN: 0042-4900.
203. Prince, D.; Corcoran, B. M., and Mayhew, I. G. Changes in nasal mucosal innervation in horses with grass sickness. *Equine Veterinary Journal.* 2003; 35(1):60-66; ISSN: 0425-1644.
204. Timoney, P. J. and Wernery, U. International conference on equine grass sickness, Dubai, United Arab Emirates September 22-23, 2001. *Veterinary Journal.* 2003; 165(1):7-10; ISSN: 1090-0233.
205. Voros, K.; Bakos, Z.; Albert, M.; Baratossy, G., and Fejer, B. A fubetegseg (grass sickness) elofordulasa Magyarorszagon [Occurrence of grass sickness in Hungary]. *Magyar Allatorvosok Lapja.* 2003; 125(2):67-74; ISSN: 0025-004X.
206. Votion, D. M.; Delguste, C.; Baise, E.; Cassart, D.; Desmecht, D.; Linden, A.; Rollin, F.; Sandersen, C., and Amory, H. Diagnostic differentiel en cas de presumption de **myopathie** atypique des equides: illustration au travers de cas referes a la Faculte de Medecine Veterinaire de l'Universite de Liege au cours du printemps 2003 [Presumption of atypical myopathy: Identification of critical clues for diagnosis from clinical cases referred to the Veterinary Faculty of the University of Liege during spring 2003]. *Annales de Medecine Veterinaire.* 2003; 147(3):183-193; ISSN: 0003-4118.
207. Fintl, C.; Hudson, N. P. H.; Mayhew, G.; Edwards, G. B.; Proudman, C. J., and Pearson, G. T. Interstitial cells of Cajal (ICC) in equine colic: an immunohistochemical study of horses with obstructive disorders of the small and large intestines. *Equine Veterinary Journal.* 2004; 36(6):474-479; ISSN: 0425-1644.
208. Hedderson, E. J. and Newton, J. R. Prospects for vaccination against equine grass sickness. *Equine Veterinary Journal.* 2004; 36(2):186-191; ISSN: 0425-1644.
209. McCarthy, H. E.; French, N. P.; Edwards, G. B.; Miller, K., and Proudman, C. J. Why are certain premises at increased risk of equine grass sickness? A matched case-control study. *Equine Veterinary Journal.* 2004; 36(2):130-134; ISSN: 0425-1644.
210. McCarthy, H. E.; French, N. P.; Edwards, G. B.; Poxton, I. R.; Kelly, D. F.; Payne Johnson, C. E.; Miller, K., and Proudman, C. J. Equine grass sickness is associated with low antibody levels to *Clostridium botulinum*: a matched case-control study. *Equine Veterinary Journal.* 2004; 36(2):123-129; ISSN: 0425-1644.
211. Newton, J. R.; Hedderson, E. J.; Adams, V. J.; McGorum, B. C.; Proudman, C. J., and

Wood, J. L. An epidemiological study of risk factors associated with the recurrence of equine grass sickness (dysautonomia) on previously affected premises. *Equine Veterinary Journal*. 2004; 36(2):105-112; ISSN: 0425-1644.

212. Nunn, F.; Cave, T. A.; Knottenbelt, C., and Poxton, I. R. Association between Key-Gaskell syndrome and infection by *Clostridium botulinum* type C/D. *Veterinary Record*. 2004; 155(4):111-115; ISSN: 0042-4900.
213. Wlaschitz, S. Grass Sickness: eine Literaturübersicht [Grass sickness: a literature review]. *Wiener Tierärztliche Monatsschrift*. 2004; 91(1):14-22; ISSN: 0043-535X.
214. Wlaschitz, S. and Url, A. Der erste Fall einer chronischen Grass Sickness in Österreich [The first case of chronic grass sickness in Austria]. *Wiener Tierärztliche Monatsschrift*. 2004; 91(2):42-45; ISSN: 0043-535X.
215. Wollanke, B. Botulismus in einem Bestand mit 16 Pferden und Ponys [Botulism in 16 horses and ponies]. *Praktische Tierarzt*. 2004; 85(4):252-261; ISSN: 0032-681X.