

G. Literaturverzeichnis

- ADAMS W.H. (1999): The spine. In: Clin Tech Small Anim Pract 14: 148-59
- ANDERSON D.K., HALL E.D., BRAUGHLER J.M., McCALL J.M., MEANS E.D. (1991): Effect of delayed administration of U74006F (tirilazad mesylate) on recovery of locomotor function after experimental spinal cord injury. In: J Neurotrauma 8: 187-92 (Abstract)
- ANDERSON D.K., MEANS E.D. (1985): Iron-induced lipid peroxidation in spinal cord: protection with mannitol and methylprednisolone. In: J Free Radic Biol Med 1: 59-64 (Abstract)
- ANDERSON D.K., MEANS E.D., WATERS T.R., GREEN E.S. (1982): Microvascular perfusion and metabolism in injured spinal cord after methylprednisolone treatment. In: J Neurosurg 56: 106-13
- ANDERSON D.K. SAUNDERS R.D., DEMEDIUK P., DUGAN L.L., BRAUGHLER J.M., HALL E.D., MEANS E.D., HORROCKS L.A. (1985): Lipid hydrolysis and peroxidation in injured spinal cord: partial protection with methylprednisolone or vitamin E and Selenium. In: Cent Nerv Syst Trauma 2: 257-67
- BELLAH J.R. (1983): Colonic perforation after corticosteroid and surgical treatment of intervertebral disk disease in a dog. In: J Am Vet Med Assoc 183: 1002-3
- BOAG K., OTTO C.M., DROBATZ K.J. (2001): Complications of methylprednisolone sodium succinate therapy in dachshunds with surgically treated intervertebral disc disease. In: J Vet Emerg Crit Care 11: 105-10
- BRACKEN M.B. (2000): Pharmacological interventions for acute spinal cord injury. In: Cochrane Database Syst Rev (2): CD001046 (Abstract)
- BRACKEN M.B. (2001): Methylprednisolone and Acute Spinal Cord Injury. An update of the randomized Evidence. In: Spine 26: s47- s54
- BRACKEN M.B., SHEPARD M.J., COLLINS W.F., HOLFORD T.R., YOUNG W., BASKIN D.S., EISENBERG H.M., et al. (1990): A randomized controlled trial of methylprednisolone or naloxone in the treatment of acute spinal-cord injury: results of the Second National Acute Spinal Cord Injury Study. In: N Engl J Med 322: 1405-11
- BRACKEN M.B., HOLFORD T.R. (1993): Effects of timing of methylprednisolone or naloxone administration on recovery of segmental and long-tract neurological function in NASCIS 2. In: J Neurosurg 79: 500-7
- BRACKEN M.B., SHEPARD M.J., HOLFORD T.R., LEO-SUMMERS L., ALDRICH E.F., et al. (1997): Administration of methylprednisolone for 24 or 48 hours or tirilazad mesylate

- for 48 hours in the treatment of acute spinal cord injury: results of the Third National Acute Spinal Cord Injury Randomized Controlled Trial. National Acute Spinal Cord Injury Study. In: J Am Med Assoc 277: 1597-604
- BRAUGHLER J.M., CHASE R.L., NETT G.L., YONKERS P.A., DAY J.S., HALL E.D., SETHY V.H., LANTI R.A. (1988): A new 21-aminosteroid antioxidant lacking glucocorticoid activity stimulates adrenocorticotropin secretion and blocks arachidonic acid release from mouse pituitary tumors. In: J Pharmacol Exp Ther 244: 423-27 (Abstract)
- BRAUGHLER J.M., HALL E.D. (1982): Correlation of methylprednisolone levels in cat spinal cord with its effects on Na^+ - K^+ -ATPase, lipid peroxidation, and alpha motor neuron function. In: J Neurosurg 56: 838-44
- BRAUGHLER J.M., HALL E.D. (1983): Uptake and elimination of methylprednisolone from contused cat spinal cord following intravenous injection of the sodium succinate ester. In: J Neurosurg 58: 538-42
- BRAUGHLER J.M., HALL E.D. (1989): Central nervous system trauma and stroke 1. Biochemical considerations for oxygen radical formation and lipid peroxidation. In: J Free Radic Biol Med 6: 289-301
- BRAUGHLER J.M., PREGENZER J.F., CHASE R.L., et al. (1987): Novel 21-aminosteroids as potent inhibitors of iron dependent lipid peroxidation. In: J Biol Chem 262: 10438-40 (Abstract)
- BRAUND K.G. (1995): Clinical syndromes in veterinary neurology, 2. Auflage, Verlag: Mosby Missouri
- BRAUND K.G., SHORES A., BRAWNER W. (1990a): The etiology, pathology, and pathophysiology of acute spinal cord trauma. In: Vet Med 85: 684-91
- BRAUND K.G., SHORES A., BRAWNER W. (1990b): Recovering from spinal cord trauma: The rehabilitative steps, complications, and prognosis. In: Vet Med 85: 740-43
- BRAY J.P., BURBIDGE H.M. (1998): The canine intervertebral disk. In: J Am Anim Hosp Assoc 34: 55-63
- BURKE M.J., COLTER S.B. (1990): A practical review of canine and feline spinal cord anatomy. In: Probl Vet Neurol 1: 358-370
- CLENDON N.R., ALLEN N., GORDON W.A. et al. (1978): Inhibition of Na^+ - K^+ -ATPase activity following experimental spinal cord trauma. In: J Neurosurg 49: 563-68
- COATES J.R. (2000): Intervertebral disc disease. In: Vet Clin North Am Small Anim Prac 30: 77-110

- COUGHLAN A.R. (1993): Secondary injury mechanisms in acute spinal cord trauma. In: *J Small Anim Pract* 34: 117-22
- DÄMMRICH K. (1981): Zur Pathologie der degenerativen Erkrankungen der Wirbelsäule bei Hunden. In: *Kleintierpraxis* 26: 467-476
- DAVIES M. (1985): Pancreatitis, gastrointestinal ulceration and haemorrhage and necrotising cystitis following the surgical treatment of degenerative disc disease in a dachshund. In: *Vet Rec* 116: 398-99
- DAVIS G.J., BROWN D.C. (2002): Prognostic indicators for time to ambulation after surgical decompression in nonambulatory dogs with acute thoracolumbar disk extrusions: 112 cases. In: *Vet Surg* 31: 513-8
- De HAAN J.J., SHELTON S.B., ACKERMANN N. (1993): Magnetic resonance imaging in the diagnosis of degenerative lumbosacral stenosis in four dogs. In: *Vet Surg* 22: 1-4
- DEMOPOULOS H.B. MILVY P., KAKARI S., RANSHOFF J.(1972): Molecular aspects of membran structure in cerebral edema. In: Reulen H.J. und Schürmann K.: *Steroids and Brain Edema*. Verlag: Springer, Berlin 29-39
- DIAZ-RUIZ A., RIOS C., DUARTE I., CORREA D., GUIZAR-SAHAGUN G., GRIJALVA I., IBARRA A. (1999): Cyclosporin-A inhibits lipid peroxidation after spinal cord injury in rats. In: *Neurosci Lett* 266: 61-64
- DIAZ-RUIZ A., RIOS C., DUARTE I., CORREA D., GUIZAR-SAHAGUN G., GRIJALVA I., MADRAZO I., IBARRA A. (2000): Lipid peroxidation inhibition in spinal cord injury: cyclosporin-A vs methylprednisolone. In: *Neuroreport* 11: 1765-7
- DUCKER T.B., KINDT G.W., KEMPE L.G. (1971): Pathological findings in acute experimental spinal cord trauma. In: *J Neurosurg* 35: 700-708
- ESTLER C.J. (1994): *Pharmakologie und Toxikologie*. 4. Auflage Verlag: Schattauer, Stuttgart: 470-549
- FADEN A.I., SIMON R.P. (1983): A potential role for Excitotoxine in the pathophysiology of spinal cord injury. In: *Trends Neurosci* 6: 623-26
- FANKHAUSER R. (1948): Über die sogen. Dackellähmung. In: *Schweiz Arch Tierhk* 90: 143-52
- FAROOQUE M., OLSSON Y., HOLTZ A. (1994): Effect of the 21-aminosteroid U74006F and methylprednisolone on motor function recovery and oedema after spinal cord compression in rats. In: *Acta Neurol Scand* 89: 36-41

- FEHLING M.G., TATOR C.H., LINDEN R.D. (1989): The effect of nimodipine and dextran on axonal function and blood flow following experimental spinal cord injury. In: *J Neurosurg* 71: 403-19
- FERREIRA A.J., CORREIA J.H., JAGGY A. (2002): Thoracolumbar disc disease in 71 paraplegic dogs: influence of rate of onset and duration of clinical signs on treatment results. In: *J Small Anim Pract* 43: 158-63
- FISCHER A. (2000): Glukokortikoide in der Veterinärneurologie: Indikationen, Risiken, Nebenwirkungen. In: *Proceedings: Düsseldorf 46. Jahreskongress der FK-DVG*
- FORSYTHE W.B., GHOSHAL N.G. (1984): Innervation of the canine thoracolumbar vertebral column. In: *Anat Rec* 208: 57-63
- FUNKQUIST B. (1962): Thoracolumbar disc protrusion with severe cord compression in the dog: III Treatment by decompressive laminectomy. In: *Acta Vet Scand* 3: 344-366
- FUNKQUIST B. (1989): Development of diagnostic and therapeutic methods in spinal surgery during the last 40 years. In: *Spinal surgery* 4:14-16
- GAGE E.D., HOERLEIN B.F. (1968): Hemilaminectomy and dorsal laminectomy for relieving compressions of the spinal cord in the dog. In: *J Am Vet Med Assoc* 152: 351-59
- GALANDIUK S., RAQUE G., APPEL S., POLK H.C. jun. (1993): The two-edged sword of large-dose steroids for spinal cord trauma. In: *Ann Surg* 218: 419-25
- GARTHWAITE J. (1989): NMDA receptors, neuronal development and neural degeneration. In: Watkins J.C., Collingridge G.L.: *The NMDA receptor*. Verlag: IRL Press, Oxford 195-202
- GLASSER R.S., KNEGO R.S., DELASHAW J.B., FESSLER R.G. (1993): The perioperative use of corticosteroids and bupivacaine in the management of lumbar disc disease. In: *J Neurosurg* 78: 383-7
- GÖDDE TH., JAGGY A. (1993): Thorakolumbaler Bandscheibenvorfall beim Dackel (Diagnose und Therapie). In: *Prakt Tierarzt* 7: 653-63
- HALL E.D. (1988): Effects of the 21-aminosteroid U74006F on posttraumatic spinal cord ischemia in cats. In: *J Neurosurg* 68: 462-5
- HALL E.D. (1992): The neuroprotective pharmacology of methylprednisolone. In: *J Neurosurg* 76: 13-22
- HALL E.D., BRAUGHLER J.M. (1982a): Effects of intravenous methylprednisolone on spinal cord lipid peroxidation and Na⁺-K⁺-ATPase activity. In: *J Neurosurg* 57: 247-53
- HALL E.D., BRAUGHLER J.M. (1982b): Glucocorticoid mechanisms in acute spinal cord injury: a review and therapeutic rationale. In: *Surg Neurol* 18: 320-7

- HALL E.D., WOLF D., BRAUGHLER J. (1984): Effects of a single large dose of methylprednisolone sodium succinate on experimental posttraumatic spinal cord ischemia. Dose-response and time-action analysis. In: *J Neurosurg* 51: 124-34
- HALL E.D., WOLF D.L. (1986): A pharmacological analysis of the pathophysiological mechanisms of posttraumatic spinal cord ischemia. In: *J Neurosurg* 64: 951-61
- HALL E. D., YONKERS P.A., McCALL J.M., BRAUGHLER J.M. (1988): Effects of the 21-aminosteroid U74006F on experimental head injury in mice. In: *J Neurosurg* 58: 456-61 (Abstract)
- HANSEN H.J. (1952): A pathological-anatomical study on disc degeneration in dog. In: *Acta orthopae scand Suppl* 11
- HAPPEL R.D., SMITH K.P., BANIK N.L., POWERS J.M., HOGAN E.L., BALENTINE J.D. (1981): Ca^{2+} accumulation in experimental spinal cord trauma. In: *Brain Res* 211: 476-79
- HAVRANEK-BALZARETTI, B. (1980): Beitrag zur Aetiologie der Dackellähme und Vorschlag zur züchterischen Selektion, *Vet. Med. Fakultät der Universität Zürich, Diss.*
- HOERLEIN B.F. (1952): Intervertebral disc protrusions in the dog. A clinical and Pathological study. In: *Thesis, Cornell University, Ithaca, N.Y.*
- HOERLEIN B.F. (1978): The status of various intervertebral disc surgeries for the dog in 1978. In: *J Am Anim Hosp Assoc* 14: 563-570
- HOERLEIN B.F. (1979): Comparative disk disease: man and dog. In: *J Am Anim Hosp Assoc* 15: 535-545
- HOERLEIN B.F., REDDING R.W., HOFF E.J. et al. (1983): Evaluation of dexamethasone, DMSO, mannitol, and solcoseryl in acute spinal cord trauma. In: *J Am Anim Hosp Assoc* 19: 216-26 (Abstract)
- HULSEBOSCH C.E. (2002): Recent advances in pathophysiology and treatment of spinal cord injury. In: *Adv Physiol Educ* 26: 238-55
- HURLBERT R.J. (2000): Methylprednisolone for acute spinal cord injury: an inappropriate standard of care. In: *J Neurosurg* 93: 175-9
- HUTTON W.C, GANEY T.M., ELMER W.A., KOZLOWSKA E., UGBO J.L., DOH E.S., WHITESIDE T.E.jr. (2000): Does long-term compressive loading on the intervertebral disc cause degeneration? In: *Spine* 25: 2993-3004
- INOUE H. (1981): Three-dimensional architecture of lumbar intervertebral disks. In: *Spine* 6: 139-46

- JADESON W.J. (1961): Rehabilitation of dogs with intervertebral disk lesions by physical therapy methods. In: *J Am Vet Med Assoc* 138: 411-423
- JANSSENS J.A.A. (1990): Thoracolumbar disc herniation in the dog. In: *Vlaams Diergeneeskd Tijdschr* 59: 128-136
- JANSSENS J.A.A. (1991): Therapeutic aspects of acute spinal cord trauma. In: *J Small Animal Practice* 32: 620-626
- JEFFERY N.D. (1988): Treatment of acute and chronic thoracolumbar disc disease by minihemilaminectomy. In: *J Small Anim Prac* 13: 449-53
- JEFFERY N.D. (1995): *Handbook of Small Animal Spinal Surgery*. Verlag: Saunders Company Philadelphia, London: 16-22, 71-6
- JEFFERY N.D., BLAKEMORE W. F. (1999): Spinal cord injury in small animals 2. Current and future options for therapy. In: *Vet Rec* 145: 183-90
- KAPTANOGLU E., CANER H.H., SURUCU H.S., AKBIYIK F. (1999): Effects of mexiletine on lipid peroxidation and early ultrastructural findings in experimental spinal cord injury. In: *J Neurosurg* 91: 200-4
- KING A.S. (1987): Radiographic anatomy of the head and vertebral column. In: *Physiological and Clinical Anatomy of the Domestic Mammals*. Oxford Science Publications Vol.1 Central Nervous System, 254-55
- KIRBERGER R.M., ROOS C.J., LUBBE A.M. (1992): The radiological diagnosis of thoracolumbar disc disease in the dachshund. In: *Vet Radiol Ultrasound* 33: 255-61
- KIWERSKI J. F. (1993): Application of dexamethasone in the treatment of acute spinal cord injury. In: *Injury* 24: 457-60
- KOBRINE A.I. (1975): The neuronal theory of experimental traumatic spinal cord dysfunction. In: *Surg Neurol* 3: 261-64
- KOPF N., RÖSSEL C. (1991): Surgery of spinal cord compression in dogs. In: *Proceedings WSAVA, 16. World Congress, Vienna Austria 1991*, 403-407
- KORNEGAY O.L. (1983): Pelvic Limb Paresis, Paralysis, or Ataxia In: Oliver J.E., Lorenz M.D.: *Handbook of veterinary neurology*. Verlag: Saunders Company, Philadelphia, London 129-39
- KÜNZEL E. (1960): Beitrag zur funktionellen Anatomie der Zwischenwirbelscheiben des Hundes mit Berücksichtigung der Discopathien. In: *Berl Munch Tierarztl Wochenschr* 73: 101-6

- LANG B., LOEFFLER K. (1972): Die Bewegungsmöglichkeiten der Wirbelsäule von Hund und Katze. In: Kleintierpraxis 17: 217-244
- LANKHORST A.J., Ter LAAK M.P., HAMERS F.P., GISPEN W.H. (2000): Combined treatment with alphaMSH and methylprednisolone fails to improve functional recovery after spinal injury in the rat. In: Brain Res 859: 334-40
- LEVINE S.H., CAYWOOD D.C. (1983): Recurrence of neurological deficits in dogs treated for thoracolumbar disk disease. In: J Am Anim Hosp Assoc 20: 889-94
- LEWIN M.G., PAPIIUS H.M., HANSEBOUT R.R. (1972): Effects of steroids on edema associated with injury of the spinal cord. In: Reulen H.J., Schürmann K.: Steroids and Brain Edema. Verlag: Springer, Berlin 101-11
- LIU D., LI L., AUGUSTUS L. (2001): Prostaglandin release by spinal cord injury mediates production of hydroxyl radical, malondialdehyde and cell death: a site of the neuroprotective action of methylprednisolone. In: J Neurochem 77: 1036-47
- MARCHAND F., AHMED A.M. (1990): Investigation of the laminate structure of lumbar disk annulus fibrosus. In: Spine 15: 402-10
- Mc KNEE W.M. (1992): A comparison of hemilaminectomy (with condominant disc fenestration) and dorsal laminectomy for the treatment of thoracolumbar disc protrusion on dogs. In: Vet Rec 130: 296-300
- MEINTJES E., HOSGOOD G., DANILOFF J. (1996): Pharmaceutic treatment of acute spinal cord trauma. In: Small Anim Neurol 18: 625-635
- METZ S.R., TAYLOR S.R., KAY W.J. (1982): The use of corticosteroids for treatment of neurologic disease. In: Vet Clin North Am Small Anim Pract 12: 41-57
- MOLANO M.R., BROTON J.G., BEAN J.A., CALANCIE B. (2002): Complications associated with the prophylactic use of methylprednisolone during surgical stabilization after spinal cord injury. In: J Neurosurg (Spine 3) 96: 267-72
- MORGAN J.P., ATILOLA M., BAILEY C.S. (1987): Vertebral canal and spinal cord mensuration: A comparative study of its effects on lumbosacral myelography in the dachshund and german shepherd dog. In: J Am Vet Med Assoc 191: 951-56
- MU X., AZBILL R.D., SPRINGER J.E. (2000): Riluzole and methylprednisolone combined treatment improves functional recovery in traumatic spinal cord injury. In: J Neurotrauma 17: 773-80

- MUIR P., JOHNSON K.A., MANLEY P.A., DUELAND R.T. (1995): Comparison of hemilaminectomy and dorsal laminectomy for thoracolumbar intervertebral disc extrusion in dachshunds. In: *J Small Anim Pract* 36: 360-7
- MUTSCHLER E. (1998): *Arzneimittelwirkung*. 5. Auflage Verlag: Wissenschaftliche Verlagsgesellschaft Stuttgart
- NACIMIENTO A.C., BARTELS M., HERRMANN H.D. (1979): Dexamethasone prevents loss of axonal conduction and reflex activity and reduces spread of structural damage in acute spinal cord trauma. In: *Soc Neurosci* 5: 727
- NICKEL R., SCHUMMER A., SEIFERLE E. (1992): *Lehrbuch der Anatomie der Haustiere* 3. Auflage, Bd. 1 und 4 Verlag: Paul Parey Berlin und Hamburg
- NOLTE, I. (1987): Der akute Bandscheibenvorfall des Hundes. In: *Prakt Tierarzt* 6: 13-6
- OETTEL M. (1996): Endokrinpharmakologie In: Frey H.-H., Löscher W.: *Lehrbuch der Pharmakologie und Toxikologie für die Veterinärmedizin*. Verlag: Ferdinand Enke Stuttgart 401-9
- OLBY N. (1999): Current concepts in the management of acute spinal cord injury. In: *J Vet Intern Med* 13: 399-407
- OLBY N., MUNANA K.R., SHARP N.J., THRALL D.E. (2000): The computed tomographic appearance of acute thoracolumbal intervertebral disc herniation in dogs. In: *Vet Radiol Ultrasound* 41: 396-402
- OLIVER, J.E., LORENZ M.D. (1993): *Handbook of veterinary neurologic diagnosis*. 3. Auflage Verlag: Saunders Company Philadelphia London
- OLSEN S.E. (1951): On disc protrusion in the dog. In: *Acta orthop Scand, Suppl.* 8
- PALLADINI G., CARONTI B., POZZESSERE G., TEICHNER A., BUTTARELLI F.R., MORSELLI E., VALLE E., et al. (1996): Treatment with cyclosporin A promotes axonal regeneration in rats submitted. In: *J Brain Res* 37: 147-53
- PARKER A.J., PARK R.D., STOWATER J.L. (1973): Reduction of trauma-induced edema of spinal cord in dogs given mannitol. In: *Am J Vet Res* 34: 1355-7
- POPOVICH P.G., JONES T.B. (2003): Manipulating neuroinflammatory reactions in the injured spinal cord: back to basic. In: *Trends Pharmacol Sci* 24: 13-7
- QIAN T., CAMPAGNOLO D., KIRSHBLUM S. (2000): High-dose methylprednisolone may do more harm for spinal cord injury. In: *Med Hypotheses* 55: 452-3

- ROHRER C.R., HILL R.C., FISCHER A., FOX L.E., SCHAER M., GINN P.E., CASANOVA J.M., BURROWS C.F. (1999): Gastric hemorrhage in dogs given high doses of methylprednisolone sodium succinate. In: *Am J Vet Res* 60: 977-81
- SCAVELLI T.D., SCHOEN A. (1989): Problems and complications associated with the non-surgical management of intervertebral disc disease. In: *Prob Vet Med* 1: 402-14
- SCHNAPPER A., WAIBL H. (1998): Morphometrische Untersuchungen an den thorakolumbalen Disci intervertebrales des Dackels. In: *Kleintierpraxis* 43: 727-802
- SCHOLTYSIK (1962): Die normale Zwischenwirbelscheibe des Hundes normaler und chondrodystropher Rassen. Freie Universität Berlin, Veterinärmedizin, Berlin, Diss.
- SCHULZ K.S., WALKER M., MOON M., WALDRON D., SLATER M., Mc DONALD D.E. (1998): Correlation of clinical, radiographic, and surgical localization of intervertebral disc extrusion in small-breed dogs: a prospective study of 50 cases. In: *Vet Surg* 27: 105-11
- SCHWARTAU K. (1996): Thorakolumbale Bandscheibenvorfälle beim Hund. Klinische und röntgenologische Untersuchungen vor und nach einer Hemilaminektomie. Freie Universität Berlin, Veterinärmedizin, Berlin, Diss.
- SEIM H.B. (1995): Thoracolumbar disk disease: diagnosis, treatment, and prognosis. In: *Can Pract* 20: 8-13
- SHORES A., BRAUND K.G., BRAWNER W. (1990): Management of acute spinal cord trauma. In: *Vet Med* 85: 724-39
- SLIJPER E. (1947): Observation on the vertebral column of the domestic animals. In: *Vet J* 103: 376-87
- SPIESS, C. (1993): Untersuchung zur Dackellähmung, Veterinärmedizinische Universität Wien, Institut für Tierzucht und Genetik, Wien, Diss.
- STYS P.K., LESIUK H. (1996): Correlation between electrophysiological effects of mexiletine and ischaemic protection in central nervous system white matter. In: *Neuroscience* 71: 27-36
- SUMMERS B.A., CUMMINGS J.F., DeLAHUNTA A. (1995): *Veterinary Neuropathology*. Verlag: Mosby, London
- TAPPEL A.L. (1961): Biocatalysis: Lipoxidase and hematic compounds. In: Lundburg, W.O.: *Autoxidation and antioxidants*, Interscience Vol. I, 325-366.
- TASSANI-PRELL M. (1993): Der Bandscheibenvorfall beim Hund. Behandlungen und Ergebnisse in den Jahren 1983-1988. Tierärztliche Fakultät der Ludwig-Maximilians-Universität, Chirurgische Tierklinik, München, Diss.

- TATOR C.H., DEECKE L. (1973): Value of normothermic perfusion, hypothermic perfusion and durotomy in the treatment of experimental acute spinal cord trauma. In: *J Neurosurg* 39: 53-64
- TATOR C.H., FEHLINGS M.G. (1991): Review of the secondary injury theory of acute spinal cord trauma with emphasis on vascular mechanisms. In: *J Neurosurg* 75: 15-26
- THIET W. (1990): Zur Therapie kompressionsbedingter Erkrankungen des Rückenmarks. Tierärztliche Hochschule Hannover, Klinik für kleine Haustiere, Hannover, Diss.
- TROTTER E.J. (1975): Modified deep dorsal laminectomy in the dog. In: *Cornell Vet* 65: 402-27
- TÖNDURY G. (1953): Über die Diskushernie beim Dackel, Vet. Med. Fakultät der Universität Zürich, Zürich
- TOUTAIN P.L., KORITZ G.D., FAYOLLE P.M., ALVINERIE M. (1986): Pharmacokinetics of methylprednisolone, methylprednisolone sodium succinate, and methylprednisolone acetate in dogs. In: *J Pharm Sci* 75: 251-255
- UNGEMACH F.R. (1994): Pharmaka zur Beeinflussung von Entzündungen. In: Löscher W., Ungemach F.R., Kroker R.: *Grundlagen der Pharmakotherapie bei Haus- und Nutztieren*. Verlag Paul Parey, Berlin und Hamburg
- VAUGHAN L.C. (1958): Studies on intervertebral disc protrusion in the dog. In: *Brit Vet J* 114: 105-112, 203-209
- WHEELER S.J., NICHOLS J.H. (1994): *Small animal spinal disorders. Diagnosis and surgery*, 1. Auflage, Verlag: Mosby London
- YOON D.H., KIM Y.S., YOUNG W. (1999): Therapeutic time window for methylprednisolone in spinal cord injured rat. In: *Yonsei Med J* 40: 313-20
- YOUNG A.B., FAGG G.E. (1991): Excitatory amino acid receptors in the brain: membrane binding and receptor autoradiographic approaches. The pharmacology of excitatory amino acids. In: Lodge D. und Collingridge G.: *Trends in Pharmacological Sciences Special Report*. Verlag: Elsevier Cambridge 18-24
- YOUNG W. (1988): Secondary CNS injury and death. In: *J Neurotrauma* 5: 219-221
- YOUNG W. (1993): The therapeutic window for methylprednisolone treatment of acute spinal cord injury: implications for cell injury mechanisms. In: Waxman S.G.: *Molecular and cellular approaches to the treatment of neurological disease* Verlag: Raven Press, New York 191-206

-
- YOUNG W., De CRESCITO V., TOMASULA J.J. (1980a): Effect of sympathectomy on spinal cord blood flow autoregulation and posttraumatic ischemia. In: *J Neurosurg* 52: 473-81
- YOUNG W., TOMASULA J., DeCRESCITO V., FLAMM E.S., RANSHOFF J. (1980b): Vestibulospinal monitoring in experimental spinal trauma. In: *J Neurosurg* 52: 64-72
- YOUNG W., KOREH I., YEN V., LINDSAY A. (1982): Effects of sympathectomy on extracellular potassium activity and blood flow in experimental spinal cord contusion. In: *Brain Res* 253: 105-13
- YOUNG W., FLAMM E.S. (1982): Effect of high-dose corticosteroid therapy on blood flow, evoked potentials, and extracellular calcium in experimental spinal cord injury. In: *J Neurosurg* 57: 667-73