

Daftar Pustaka

- Aileen, A., Sheri, P. and Christoper, S. (2013) 'Animal Model of Spinal Cord Injury', in Conerli, K. (ed.) *Essential of Spinal Cord Injury Basic research to Clinical Practice*. New York: Thieme Medical, pp. 366–377.
- Austin, J. W., Rowland, J. W. and Fehlings, M. G. (2013) 'Pathophysiologi of Spinal Cord Injury', in Kay Conerly (ed.) *Essential of Spinal Cord Injury Basic research to Clinical Practice*. New York: Thieme Medical, p. 38.
- Bains, M. and Hall, E. D. (2012) 'Antioxidant therapies in traumatic brain and spinal cord injury', *Biochimica et biophysica acta*, 1822(5), pp. 675–684. doi: 10.1016/j.bbdis.2011.10.017.
- Basso, D. M., Beattie, M. S. and Bresnahan, J. C. (1996) 'Graded Histological and Locomotor Outcomes after Spinal Cord Contusion Using the NYU Weight-Drop Device versus Transection', in *Experimental Neurology*, pp. 244–256. doi: <http://dx.doi.org/10.1006/exnr.1996.0098>.
- Beggs, J. L. (1975) 'Vasogenic Edema in the Injured Spinal Cord : A Method of Evaluating the Extent of Blood-Brain Barrier Alteration to Horseradish Peroxidase', 96, pp. 86–96.
- Bracken, M. B. (2012) 'Steroids for acute spinal cord injury.', *The Cochrane database of systematic reviews*. England, 1, p. CD001046. doi: 10.1002/14651858.CD001046.pub2.
- Bydon, M. *et al.* (2014) 'The current role of steroids in acute spinal cord injury', *World Neurosurgery*. Elsevier Ltd, 82(5), pp. 848–854. doi:

10.1016/j.wneu.2013.02.062.

Carson, F. L. *et al.* (2015) *Histotechnology: A Self-Instructional Text*. American Society for Clinical Pathology. Available at: <https://books.google.co.id/books?id=PUAIrgEACAAJ>.

Casha, S., Yu, W. R. and Fehlings, M. G. (2001) 'Oligodendroglial *apoptosis* occurs along degenerating *axons* and is associated with FAS and p75 expression following spinal cord injury in the rat.', *Neuroscience*. United States, 103(1), pp. 203–218.

Chinnock, P. and Roberts, I. (2005) 'Gangliosides for acute spinal cord injury.', *The Cochrane database of systematic reviews*. England, (2), p. CD004444. doi: 10.1002/14651858.CD004444.pub2.

Danny Liang, M. D. *et al.* (2007) 'Cytotoxic *edema* : mechanisms of pathological cell swelling', 22(5), pp. 1–9. doi: 10.3171/foc.2007.22.5.3.

Donnelly, D. J. and Popovich, P. G. (2008) 'Inflammation and its role in neuroprotection, *axonal* regeneration and functional recovery after spinal cord injury', *Experimental Neurology*, 209(2), pp. 378–388. doi: <http://dx.doi.org/10.1016/j.expneurol.2007.06.009>.

Emery, E. *et al.* (1998) '*Apoptosis* after traumatic human spinal cord injury.', *Journal of neurosurgery*. United States, 89(6), pp. 911–920. doi:10.3171/jns.1998.89.6.0911.

Fehlings, M. G. *et al.* (2012) 'Riluzole for the treatment of acute traumatic spinal cord injury: rationale for and design of the NACTN Phase I clinical trial.', *Journal of neurosurgery. Spine*. United States, 17(1 Suppl), pp. 151–156. doi:

10.3171/2012.4.AOSPINE1259.

Frantseva, M. *et al.* (2002) 'Chapter 13 Neurotrauma/neurodegeneration and mitochondrial dysfunction', *Progress in Brain Research*, 137, pp. 171–176.
doi: [http://dx.doi.org/10.1016/S0079-6123\(02\)37015-8](http://dx.doi.org/10.1016/S0079-6123(02)37015-8).

Gezici, A. R. *et al.* (2017) 'The therapeutic effects of cyclosporin-A on experimental spinal cord injury .', 28(8), pp. 3755–3762. doi: ISSN 0970-938X.

Gusev, E. and Skvortsova, V. I. (2003) 'Secondary Neuroprotection BT - Brain Ischemia', in Gusev, E. and Skvortsova, V. I. (eds). Boston, MA: Springer US, pp. 285–351. doi: 10.1007/978-1-4419-9248-2_16.

Hagg, T. *et al.* (2012) 'Assessing Microvessels after Spinal Cord Injury', in Chen, J. *et al.* (eds) *Animal Models of Acute Neurological Injuries II Injury*. vol 2. New York: Springer US, p. 499.

Hawryluk, G. W. J., Hiroaki, N. and Fehlings, M. G. (2017) 'Pathophysiology and Treatment of Spinal Cord Injury', in Winn, H. R. (ed.) *Youmans & Winn Neurological Surgery*. 7th edn. Philadelphia USA: Elsevier, pp. 8032–8063.

Jakeman, lyn B. (2012) 'Introduction on Assesment for Spinal Cord Injury', in Chen, J. *et al.* (eds) *Animal Models of Acute Neurological Injuries II Injury*. vol 2. New York: Springer US, p. 399.

Joshi, M. and Fehlings, M. G. (2002) 'Development and characterization of a novel, graded model of clip compressive spinal cord injury in the mouse: Part 1. Clip design, behavioral outcomes, and histopathology.', *Journal of neurotrauma*, 19(2), pp. 175–90. doi: 10.1089/08977150252806947.

- Kroemer, G. *et al.* (1995) 'The biochemistry of programmed cell death.', *The FASEB Journal* , 9(13), pp. 1277–1287. Available at: <http://www.fasebj.org/content/9/13/1277.abstract>.
- Lee, B. B. *et al.* (2013) 'The global map for traumatic spinal cord injury epidemiology: update 2011 , global incidence rate'. Nature Publishing Group, 52(2), pp. 110–116. doi: 10.1038/sc.2012.158.
- Mazzeo, A. T. *et al.* (2009) 'Safety and tolerability of cyclosporin a in severe traumatic brain injury patients: results from a prospective randomized trial.', *Journal of neurotrauma*. United States, 26(12), pp. 2195–2206. doi:10.1089/neu.2009.1012.
- Park, E., Velumian, A. A. and Fehlings, M. G. (2004) 'The role of excitotoxicity in secondary mechanisms of spinal cord injury: a review with an emphasis on the implications for *white matter* degeneration.', *Journal of neurotrauma*. United States, 21(6), pp. 754–774. doi: 10.1089/0897715041269641.
- Rowland, J. W., Hawryluk, G. W., *et al.* (2008) 'Current status of acute spinal cord injury pathophysiology and emerging therapies: promise on the horizon.', *Neurosurgical focus*, 25(5), p. E2. doi: 10.3171/FOC.2008.25.11.E2.
- Satake, K. *et al.* (2000) 'Nitric oxide via macrophage iNOS induces *apoptosis* following traumatic spinal cord injury.', *Brain research. Molecular brain research*. Netherlands, 85(1–2), pp. 114–122.
- Sharma, H. S. (2005a) 'Neuroprotective Effects of Neurotrophins and Melanocortins in Spinal Cord Injury An Experimental Study in the Rat Using

- Pharmacological and Morphological Approaches', 421, pp. 407–421. doi: 10.1196/annals.1344.036.
- Sharma, H. S. (2005b) 'Pathophysiology of Blood-Spinal Cord Barrier in Traumatic Injury and Repair', pp. 1353–1389.
- Silber, J. S. *et al.* (2009) 'Pathophysiology of spinal injuries', in Cornerly, K. (ed.) *Neurotrauma and Critical Care of the spine*. New York: Thieme Medical, p. 15.
- Stirling, D. P. *et al.* (2004) 'Minocycline treatment reduces delayed oligodendrocyte death, attenuates axonal dieback, and improves functional outcome after spinal cord injury.', *The Journal of neuroscience : the official journal of the Society for Neuroscience*. United States, 24(9), pp. 2182–2190. doi: 10.1523/JNEUROSCI.5275-03.2004.
- Subagio, E. A. (2015) 'Mekanisme Penurunan sel *apoptosis* melalui peningkatan rasio Bcl-2/Hsp70 oleh ACTH4-10 Pro-Gly-Pro Pada Cedera Kompresi *Medula spinalis* akut'. surabaya: Airangga University.
- Sutrisno, A. *et al.* (2017) 'The Effect of ACTH 4-10 ProGlyPro as Anti-inflammatory on Astrocyte Cell Repair in Spinal-Cord- Injured Mouse by Assessing Locomotor Function', *IJSBAR (International Journal of Science : Basic and Applied Research)*, 4531, pp. 31–41.
- Tator, C. H. (2006) 'Review of treatment trials in human spinal cord injury: issues, difficulties, and recommendations.', *Neurosurgery*. United States, 59(5), p. 957. doi: 10.1227/01.NEU.0000245591.16087.89.
- Tator, C. H. (2008) 'Spinal Cord Regeneration', in Alexander Vacaro, J. J. (ed.)

Neurotrauma and Critical Care of the spine. New York: Thieme Medical, p. 28.

Walker, C. L. and Xu, X.-M. (2012) 'Morphological Assessment Following Spinal Cord Injury', in Chen, J. et al. (eds) *Animal Models of Acute Neurological Injuries II Injury*. vol 2. New York: Springer US, p. 405.

Wang, S., Hawryluk, G. W. J. and Michael, F. (2013) 'Neuroprotective Trials in Spinal Cord Injury', in Conerly, K. (ed.) *Essential of Spinal Cord Injury Basic research to Clinical Practice*. 1st edn. New York: Thieme Medical, p. 421.

Wells, J. E. A. (2003) 'Neuroprotection by minocycline facilitates significant recovery from spinal cord injury in mice', *Brain*, 126(7), pp. 1628–1637. doi: 10.1093/brain/awg178.

White, N. et al. (2016) 'Spinal Cord Injury (SCI) Facts and Figures at a Glance', *The Journal of Spinal Cord Medicine*, 39(3), pp. 370–371. doi: 10.1080/10790268.2016.1177348.