

## DAFTAR PUSTAKA

- Ahuja, C. S., Wilson, J. R., Nori, S., Kotter, M. R. N., Druschel, C., Curt, A., & Fehlings, M. G. (2017). Traumatic spinal cord injury. *Nature Reviews Disease Primers*. 3.
- Alizadeh, A., Dyck, S. M., & Karimi Abdolrezaee, S. 2019. Traumatic spinal cord injury: An overview of pathophysiology, models and acute injury mechanisms. *Frontiers in Neurology*. 1–25.
- Arisetijono, E., Setianto, C.A. Rianawati, S.R., Rahayu, M., Rakhmatiar, R. 2020. Stroke After Elektrical Injury: Case Report. *Journal of Pain Headache and Vertigo*. (1) : 27-30.
- Chaeam, S., & Kantharia, N.D. 2013. Practical guidelines for determining sample size in observational studies. *Journal of Clinical Research and Bioethics*. 4(5).
- Christopher, D., Witiw, & Fehlings, Michael G. 2015. Acute spinal cord injury. *Spinal Disord Tech*. 28(6) : 202–210.
- Copley, P. C., Jamjoom, A. A. B., & Khan, S. 2020. The management of traumatic spinal cord injuries in adults: a review. *Orthopaedics and Trauma*. 34(5): 255–265.
- Corsini, E., Galbiati, V., Papale, A., Kummer, E., Piazza, S., Marinovich, M. et al. 2015. Cell Death Mechanisms and Their Implications in Toxicology. *Toxicological Sciences*. 143(2) : 227-245.
- David, G., Mohammadi, S., Martin, A. R., Cohen-Adad, J., Weiskopf, N., Thompson, A., & Freund, P. 2019. Traumatic and nontraumatic spinal cord injury: pathological insights from neuroimaging. *Nature Reviews Neurology*. 15(12) : 718–731.
- Dinata, I. G. S., Agung, A., Wira, G., & Yasa, P. 2021. *The Overview of Spinal Cord Injury*. 1(2) : 103–113.
- Duff, K., & McCaffrey, R. J. 2001. Electrical injury and lightning injury: A review of their mechanisms and neuropsychological, psychiatric, and neurological sequelae. *Neuropsychology Review*. 11 : 101–116.
- Eroschenko, V. P. 2017. *Atlas Of Histology with Functional Correlations Thirteenth Edition*.
- Fan KW, Zhu ZX, Den ZY. 2005. An experimental model of an electrical injury to the peripheral nerve. *Burns*. 31(6):731-6.
- Federer, W.T. 1967. *Experimental design: Theory and application*. New York: Macmillan.
- Fish RM, Geddes LA. 2009. *Conduction of electrical current to and through the*

*human body: a review.* Eplasty.

- Gabriel JF. 1996. *Fisika Kedokteran*. Departemen Fisika Universitas Udayana. Denpasar Bali.
- Greaves P. 2000. *Histopathology of Preclinical Toxicity Studies Interpretation and Relevance in Drug Safety Evaluation*. 2<sup>nd</sup> ed. Amsterdam. Elsevier.
- Guanabara, E., Ltda, K. 2019. *Anatomy and Histology of the Laboratory Rat in Toxicology and Biomedical Research*. Elsevier.
- Guyton AC, Hall JE. Irawati S, editor. 1997. *Buku ajar fisiologi kedokteran*. Edisi 9. Jakarta: EGC.
- Handajani, F. 2021. *Metode Pemilihan Dan Pembuatan Hewan Model Beberapa Penyakit Pada Penelitian Eksperimental*. Zifatama Jawa.
- Hunt JL, Mason AD Jr, Masterson TS PBJ. 1976. *The pathophysiology of acute electric injuries*. J Trauma.
- Husna, F., Suyatna, F. D., Arozal, W., & Purwaningsih, E. H. 2019. *Model Hewan Coba pada Penelitian Diabetes Animal Model in Diabetes Research*. 6(3) : 131–141.
- Idries AM. 1997. *Pedoman ilmu kedokteran forensik*. Jakarta: Binarupa Aksara.
- Knight B. 1996. *Forensic pathology*. 2<sup>nd</sup> ed. London: Arnold Publisher.
- Kristiningrum, E. 2020. *Erdosteine Menurunkan Peradangan dan Eksaserbasi Berulang Pasien PPOK*. Dovepress. Diakses 31 Mei 2023.
- Lee RC, Dougherty W. *Electrical injury: mechanisms, manifestations, and therapy*. *IEEE Transactions on Dielectrics and Electrical Insulation*.
- Leng, T.T., Carrier, M., Tremblay, M. 2019. *Physiology of Microglia*. UK: Springer.
- Li R., Wang S., & Zhang G. 2020. Gliosis : An Overview of Types and Function. *Neuroscience Bulletin*. 36(7) : 1075-1083.
- Listiyarini, R. 2018. *Dasar listrik dan elektronika*. Yogyakarta: Deepublish.
- Maja, J. P. S. (2014). Diagnosis Dan Penatalaksanaan Cedera Servikal Medula Spinalis. *Jurnal Biomedik (Jbm)*. 5(3).
- Matiassek, J. L. Vandeveld, and M. Doherr. 2016. Gliosis in the central nervous system of dogs and cats with naturally occurring diseases. *Journal of Comparative Pathology* . 154(1): 95-108.
- Moore K. 2015. Hot topics: electrical injuries in the emergency department. *J Emerg Nurs*. 41(5):455-6.
- Mirmanto, Syahrul, & Wirawan, M. 2021. *Teori Dasar dan Aplikasi pendingin Termoelektrik (Pendingin Tanpa Freon)*. Yogyakarta : Deepublish.

- Mukhsir, M., & Latif, M. rais. (2021). *Rangkaian listrik*. UNP Press.
- Muraoka, S., Lin, W., Chen, M., Hersh, S. W., Emili, A., Xia, W., Ikezu, T. 2020. Assessment of separation methods for extracellular vesicles from human and mouse brain tissues and human cerebro spinal fluids. *J.ymeth*. 117(1): 35-49.
- Nugraha, A. T. 2019. *Pengertian Arus Listrik ( Electric Current)*. Diakses 08 juni 2023.
- Octaviani, D., & Wulan, A. J. 2016. Efek Paparan Arus Listrik terhadap Peningkatan Biomarker dan Kelainan Irama Jantung. *Jurnal Majority*. 5(4), 60–64.
- Otto, G. M., Franklin, C. L., & Clifford, C. B. 2015. *Chapter 4 - Biology and Diseases of Rats*. Laboratory Animal Medicine: Third Edition.
- Pangestiningih, T. W., Aninditya, D. P., Puspitandaru, G. G., Sofana, I., dan Prastiwi, R. 2021. Degenerasi dan nekrosis pada neuron penyusun sistem saraf enterik di usus halus dan usus besar tikus yang diinjeksi paraquat dichloride. *Livest. Anim. Res*. 19(2): 188-196.
- Patek, M., & Stewart, M. 2020. Spinal cord injury. Anaesthesia and Intensive Care Medicine. *J.Mpaic*. 21(8), 411–416.
- Pertiwi, G. M. D., & Berawi, K. (2017). Diagnosis dan Tatalaksana Trauma Medula Spinalis Diagnosis and Management of Spinal cord injury. *Medical Proffession Journal of Lampung*. 7(2) : 48–52.
- Ponto, Hantje. 2018. *Dasar Teknik Listrik*. Yogyakarta : Deepublish
- Priyambodo, D. Y., Gizela, B. A., Wiraagni, I. A., Suciningtyas, M., Widagdo, H., Sista, K., Setyowati, L. R. ., Suhartini, Nurhantari, Y., & Basworo, W. 2021. *Materi penjunjang ilmu kedokteran forensik dan medikolegal jilid 2*. Yogyakarta : UGM Press.
- Rahardja, S., Handaya, A. Y., & Barmawi, A. 2021. Pengaruh lama paparan trauma listrik terhadap sistem saraf traktus gastrointestinal pada tikus Wistar galur murni. *Intisari Sains Medis*, 12(2) : 504–507.
- Ramadan, W. S., Abdel-Hamid, G. A., Al-Karim, S., & Abbas, A. T. 2017. Histological, immunohistochemical and ultrastructural study of secondary compressed spinal cord injury in a rat model. *Folia Histochemica et Cytobiologica*. 55(1) : 11–20.
- Ratnasari, T dan Senen, Adri. 2017. Perancangan Prototipe Alat Ukur Arus Listrik AC dan DC Berbasis Mikrokontroler Arduino dengan Sensor Arus ACS-712 30 Ampere. *Jurnal Sutet*. 7(2) : 28-31.
- Robson MC, Murphy RC HJ. 1984. A new explanation for the progressive tissue loss in electrical injuries. *Plast Reconstr Surg*. 73(3):431-437.

- Romero, R., Kusanovic, J. P., Chaiworapongsa, T., Dey, S. K., & Hassan, S. 2009. Gray matter injury associated with periventricular leukomalacia in the premature infant. *Acta neuropathologica*, 117(4). pp.371-386.
- Rui, Q., Ni, H., Lin, X., Zhu, X., Li, D., Liu, H., et al. 2019. *Astrocyte-derived fatty acid-binding protein 7 protects blood-brain barrier integrity through a caveolin-1/MMP signaling pathway following traumatic brain injury*. *Exp. Neurol.* 322:113044.
- Sadgala, Y. (2010). *Merawat Hamster: Si Imut Yang Menggemaskan*. PT Agro Media Pustaka.
- Saputra, C. 2022. Pengaruh durasi paparan trauma listrik terhadap gambaran histopatologis dan imunoreaktivitas terhadap neuron specific enolase pada medula spinalis tikus albino galur wistar. *Tesis*. Program Studi Bedah Saraf. Fakultas Kedokteran Hewan, Universitas Gadjah Mada, Yogyakarta.
- Schröder, H., Moser, N., & Huguenberger, S. 2020. *Neuroanatomy of the Mouse*. In *Neuroanatomy of the Mouse*.
- Schuzle, C., Peters, M., Baumgartener, W., & Wohlsein, P. 2016. Electrical Injuries in Animals: Causes. *Veterinary Pathology* .Vol 53 (5) :1018- 1029.
- Setiadi, R. J., Kedokteran, F., & Malikussaleh, U. (2023). *Lesi Medula Spinalis*. 7(1).
- Setiyo, Muji. 2017. *Listrik & Elektronika Dasar Otomotif (Basic Automotive Electricity & Electronics)*. Magelang : Unimma Press.
- Shih JG, Shahrokhi S, Jeschke MG. Review of adult Electrical Burn Injury Outcomes Worldwide:An Analysis of Low-Voltage vs High-Voltage Electrical Injury. *J Burn Care Res*. 38(1):e293-e298.
- Silverthorn, D.U. 2013. *Fisiologi Manusia : sebuah pendekatan terintegrasi*. Jakarta : EGC.
- Spies C, Trohman RG. 2006. *Electrocution and life-threatening electrical injuries*. *Annals of internal medicine* (7):531-7.
- Subrahmanyam M. 2004. Electrical Burn Injury. Departement of Surgery, Government Medical college, Miraj and General Hospital, Sangli. India : Maharashtra.
- Suckow, M. A., Stewart, K. L., Hickman, D. L., Johnson, J., Vemulapalli, T. H., Crisler, J. R., & Shepherd. 2017. *Chapter 7 – Commonly Used Animal Models. Principles of Animal Research*. Elsevier Inc.
- Sudiana, K. 2008. *Patobiologi Molekuler Kanker*. Jakarta : Salemba Medika.
- Verma GC, Jain G, Wahid A, Saurabh C, Sharma NK, Pathan AR AD. Acute ischaemic stroke and acute myocardial infarction occurring together in



domestic low-voltage (220-240V) electrical injury: A rare complication. 2014. *J Assoc Physicians India*. 62(7) :620-623.

Workers Deaths by Electrocution. 1998. *A Summary of NIOSH Surveillance and Investigative Findings*. U.S.

Zemaitis M.R., Foris LA., & Lopez RA. 2020. Electrical Injuries. *StatPearls* 1–16.