

## DAFTAR PUSTAKA

- [1] J. L. Sawin *et al.*, “Renewables 2010 - Global status report. Chapter 1.Global Market Overview,” pp. 15–27, 2010.
- [2] Pemerintah Republik Indonesia, “Lampiran Peraturan Presiden Republik Indonesia Nomor 1 Tahun 2022 Tentang RUNK,” vol. 2, no. 134192, 2022.
- [3] Who, “Road traffi[1] Who, ‘Road traffic mortality,’ who, 2022.  
<https://www.who.int/data/gho/data/themes/topics/topic-details/GHO/road-traffic-mortality> (accessed Mar. 14, 2023).c mortality,” *who*, 2022.  
<https://www.who.int/data/gho/data/themes/topics/topic-details/GHO/road-traffic-mortality> (accessed Mar. 14, 2023).
- [4] M. J. Levy *et al.*, “Removal of the Prehospital Tourniquet in the Emergency Department,” *J. Emerg. Med.*, vol. 60, no. 1, pp. 98–102, 2021, doi: 10.1016/j.jemermed.2020.10.018.
- [5] Who, “Road Safety,” *afro.who.int*, 2022.  
<https://www.afro.who.int/health-topics/road-safety> (accessed Mar. 15, 2023).

- [6] Who, “Road traffic injuries,” *who.int*, 2020.  
<https://www.who.int/news-room/factsheets/detail/road-traffic-injuries> (accessed Mar. 15, 2023).
- [7] A. Ü. and O. E. F. Beytar, E. I. Budak, “Intelligent Tourniquet System for Emergency Aid,”  
<https://ieeexplore.ieee.org/>, 2017.  
<https://ieeexplore.ieee.org/document/8478859/authors#authors> (accessed Jan. 31, 2023).
- [8] J. A. McEwen, “The Best Tourniquet Systems – Personalized Tourniquet System,” *tourniquets*, 2021. <https://tourniquets.org/tourniquets-org-blog/> (accessed Mar. 12, 2023).
- [9] B. A. Masri, A. Eisen, C. P. Duncan, and J. A. McEwen, “Tourniquet-induced nerve compression injuries are caused by high pressure levels and gradients – a review of the evidence to guide safe surgical, pre-hospital and blood flow restriction usage,” *BMC Biomed. Eng.*, vol. 2, no. 1, pp. 1–8, 2020, doi: 10.1186/s42490-020-00041-5.
- [10] F. James A McEwen, PhD, PEng, Kevin Inkpen, MAsc, Alastair Younger, MB, ChB, “Tourniquet Safety,” p. 2009, 2006, [Online]. Available:

<https://www.ast.org/pdf/217.pdf>

- [11] F. K. Pratama, “Pemodelan Tourniquet Digital Arduino Uno dilengkapi Pengaman Over Pressure,” *perpus.poltekkesjkt2*, 2020.  
[https://perpus.poltekkesjkt2.ac.id/respoy/index.php?p=show\\_detail&id=4472&keywords=](https://perpus.poltekkesjkt2.ac.id/respoy/index.php?p=show_detail&id=4472&keywords=) (accessed Mar. 14, 2023).
- [12] B. S. Project, M. Felt, and A. N. Houshmand, “Department of Biomedical Engineering Automatic Tourniquet System for Military Emergencies Final Design Report Contributors ;,” no. June, 2021.
- [13] E. Budak, F. Beytar, A. Ünlü, and O. Eroğul, “Smart tourniquet system for military use,” *IFMBE Proc.*, vol. 68, no. 3, pp. 289–293, 2019, doi: 10.1007/978-981-10-9023-3\_51.
- [14] D. K. S. Dhanalakshmi, S. Keerthana, S. Aishwarya, and R. Priyadharshini, “Intelligent Tourniquet System for Emergency Aid Using Wireless Network,” *Int. J. Innov. Sci. Res. Technol.*, vol. 5, no. 9, pp. 559–561, 2020, doi: 10.38124/ijisrt20sep426.
- [15] Rosalina, I. Qosim, and M. Mujirudin, “Analisis

Pengaturan Kecepatan Motor DC Menggunakan Kontrol PID ( Proportional Integral Derivative ),” *Semin. Nas. TEKNOKA*, vol. 2, no. 2502–8782, pp. 89–94, 2017.

- [16] E. Oragui, A. Parsons, T. White, U. G. Longo, and W. S. Khan, “Tourniquet use in upper limb surgery,” *Hand*, vol. 6, no. 2, pp. 165–173, 2011, doi: 10.1007/s11552-010-9312-6.
- [17] A. S. E. Younger, J. A. McEwen, and K. Inkpen, “Wide contoured thigh cuffs and automated limb occlusion measurement allow lower tourniquet pressures,” *Clin. Orthop. Relat. Res.*, vol. 428, no. 428, pp. 286–293, 2004, doi: 10.1097/01.blo.0000142625.82654.b3.
- [18] J. Sato, Y. Ishii, H. Noguchi, and M. Takeda, “Safety and efficacy of a new tourniquet system,” *BMC Surg.*, vol. 12, 2012, doi: 10.1186/1471-2482-12-17.
- [19] C. Bacon, “Tourniquet,” *J. Emerg. Nurs.*, vol. 9, no. 4, p. 189, 1983, doi: 10.19134/eutomia-v1i20p202-204.
- [20] Suhari, M. G. Sukmantoaji, and W. Addiarto, “The Effect of Swedish Foot Massage Therapy on

- Blood Pressure Reduction in Hypertension Patients,” *Indones. J. Heal. Care Manag.*, vol. 2, no. 2, pp. 20–24, 2022.
- [21] J. Wahyogo, E. Kusyati, and S. Ekowati, “Pengaruh Bermain Banana Boat Terhadap Tekanan Darah Pada Remaja Di Area Wisata Pantai Bandengan Jepara,” *J. Manaj. Keperawatan*, vol. 1, no. 1, p. 111418, 2013.
- [22] M. Elizabeth, C. Yoel, M. Ali, M. S. Loebis, H. Arifin, and P. Sianturi, “Comparison of ventilation parameters and blood gas analysis in mechanically-ventilated children who received chest physiotherapy and suctioning vs. suctioning alone,” *Paediatr. Indones.*, vol. 56, no. 5, p. 285, 2017, doi: 10.14238/pi56.5.2016.285-90.
- [23] A. S. Nugroho, V. V. Viridianti, and A. Azi, “Rancang Bangun Alat Kalibrasi Sphygmomanometer,” *J. Ilmu dan Teknol. Kesehatan.*, vol. 12, no. 2, 2021, doi: 10.33666/jitk.v12i2.410.
- [24] S. Kasus, D. Sepanjang, J. Slamet, and R. Surakarta, “Laporan penelitian,” vol. 22, no. 2, pp. 184–206, 2009, [Online]. Available:

[http://staffnew.uny.ac.id/upload/198401312014042002/penelitian/jurnal trainer pid.pdf](http://staffnew.uny.ac.id/upload/198401312014042002/penelitian/jurnal%20trainer%20pid.pdf)

- [25] R. Abadi, “Solenoïda : Pengertian, Fungsi, Cara Kerja, Penggunaan Sehari-Hari,” 2023.  
<https://thecityfoundry.com/solenoida/> (accessed Mar. 15, 2023).
- [26] B. V Nxp, “MPX5050, Integrated silicon pressure sensor, on-chip signal, data sheet,” no. June, pp. 1–19, 2023.
- [27] A. Andreas, G. Priyandoko, M. Mukhsim, and S. A. Putra, “Kendali Kecepatan Motor Pompa Air Dc Menggunakan Pid – Csa Berdasarkan Debit Air Berbasis Arduino,” *JASEE J. Appl. Sci. Electr. Eng.*, vol. 1, no. 01, pp. 1–14, 2020, doi: 10.31328/jasee.v1i01.3.
- [28] R. A. Fatkhur Rokhman, T. B. Indrato, E. D. Setioningsih, and S. Misra, “High Flow Oxygen Analyzer Design on High Flow Nasal Cannula (HFNC) for Monitoring Oxygen therapy in Adults,” *J. Teknokes*, vol. 15, no. 4, pp. 223–229, 2022, doi: 10.35882/teknokes.v15i4.470.
- [29] A. B. D. Nandiyanto, R. Zaen, R. Oktiani, A. G. Abdullah, and L. S. Riza, “A simple, rapid

analysis, portable, low-cost, and Arduino-based spectrophotometer with white LED as a light source for analyzing solution concentration,” *Telkomnika (Telecommunication Comput. Electron. Control.*, vol. 16, no. 2, pp. 580–585, 2018, doi: 10.12928/TELKOMNIKA.v16i2.7159.

- [30] G. National and H. Pillars, “ARDUINO MEGA,” vol. 2560.