

## DAFTAR PUSTAKA

- [1] [1] A. Pudji, A. M. Maghfiroh, and N. Thongpance, "Design an Infusion Device Analyzer with Flow Rate Parameters using High Sensitive Photodiode Sensor," vol. 3, no. 2, pp. 39–44, 2021.
- [2] F. R. Halim et al., "Rancang Bangun Syringe Pump Menggunakan Motor Stepper Designing And Realizing An Arduino Based Syringe Pump With Stepper Motor," e-Proceeding Eng., vol. 3, no. Agustus, p. 2078, 2016.
- [3] W. Wadianto and Z. Fihayah, "Simulasi Sensor Tetesan Cairan, pada Infus Konvensional," J. Kesehat., vol. 7, no. 3, p. 394, 2016, doi: 10.26630/jk.v7i3.221.
- [4] N. Sholihah, A. Kholiq, and S. Sumber, "Monitoring Infusion Pump Via Wireless (Occlusion part)," Indones. J. Electron. Electromed. Eng. Med. informatics, vol. 2, no. 1, pp. 34–41, 2020, doi: 10.35882/ijeemi.v2i1.7.
- [5] W. V. Tamborlane, R. S. Sherwin, M. Genel, and
- [6] P. Felig, "Reduction to Normal of Plasma Glucose

in Juvenile Diabetes by Subcutaneous Administration of Insulin with a Portable Infusion Pump,” *N. Engl. J. Med.*, vol. 300, no. 11, pp. 573– 578, 1979, doi: 10.1056/nejm197903153001101.

[7] S. Pintasari, “Rancang Bangun Infusion Pump Analyzer,” *Jeemi*, vol. 1, no. 1, p. 6, 2019, doi: 10.1234/jeeemi.v1i1.9xx.

[8] N. Thongpance, Y. Pititeeraphab, and M. Ophasphanichayakul, “The design and construction of infusion pump calibrator,” *5th 2012 Biomed. Eng. Int. Conf. BMEiCON 2012*, vol. 100, pp. 3–5, 2012, doi: 10.1109/BMEiCon.2012.6465429.

[9] Syaifudin, “No TitleÉ? ,” *Ekp*, vol. 13, no. 3, pp. 1576–1580, 2015.

[10] ECRI, “Inspection and Preventive Maintenance System,” 3rd ed., ECRI, Plymouth Meet. PA, vol. 1, no. 610, p. 200, 1995. BRENDA, “Infusion-Device-Analyzer- 1996.Pdf.” 1996.

[11] M. E. Mansour, “Design of Low Cost Smart Infusion Pump,” *Proc. 2020 Int. Conf. Comput. Control. Electr. Electron. Eng. ICCCEEE 2020*, no. 1, 2021,

doi: 10.1109/ICCCEEE49695.2021.9429591.

- [12] N. F. Hikmah, I. Sapuan, and Triwiyanto, “Rancang Bangun Syringe Pump Berbasis Mikrokontroler ATmega 8535 Dilengkapi Detektor Oklusi,” *J. Phys. Appl.*, vol. 1, no. 3, pp. 74–91, 2013.
- [13] N. Thongpance and K. Roongprasert, “Design and construction of infusion device analyzer,” *BMEiCON 2014 - 7th Biomed. Eng. Int. Conf.*, 2014, doi: 10.1109/BMEiCON.2014.7017377.
- [14] A. Muwahhid, “Alat Pengatur Aliran Infus Dilengkapi dengan Sensor Occlusion, Sensor Empty,” *Repos. UMY*, no. 2504, pp. 1–9, 2020.
- [15] M. Majid, “Implementasi arduino mega 2560 untuk kontrol miniatur elevator barang otomatis,” *Skripsi*, p.76, 2016, [Online]. Available: [lib.unnes.ac.id/27831/1/5301411060.pdf%0A](http://lib.unnes.ac.id/27831/1/5301411060.pdf%0A)
- [16] S. Pintasari, A. Pudji, I. D. Gede, and H. Wisana, “Rancang Bangun Infusion Pump Analyzer,” vol. 1, no. 1, pp. 1–6, 2019, doi: 10.1234/jeeemi.v1i1.9xx.
- [17] Y. A. Anggraini, A. Pudji, and M. Ridha, “Low- Cost

Infusion Device Analyzer With Occlusion Pressure Parameter Test,” vol. 2, no. 1, pp. 26– 33, 2020.

- [18] S. Ramadhani, Ria, Syaifuddin, “Analisis Keakurasian Sensor Tekanan Pada Parameter Occlusion Infusion Device Analyzer 2 Channel \_ Prosiding Seminar Nasional Kesehatan PoltekkesKemenkes Surabaya 2020,” pp. 1–5, 2020.
- [19] N. Sholihah, A. Kholiq, and S. Sumber, “Monitoring Infusion Pump Via Wireless (Occlusion part),” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 2, no. 1, pp. 34–41, 2020, doi: 10.35882/ijeemi.v2i1.7.
- [20] J. Desember, E. Setyaningsih, and D. Prastiyanto, “Penggunaan Sensor Photodioda sebagai Sistem Deteksi Api pada Wahana Terbang Vertical Take-Off Landing (VTOL),” *J. Tek. Elektro*, vol. 9, no. 2, pp. 53–59, 2017.
- [21] D. M. Patel, M. V. Patel, K. H. Sharma, J. C. Kaklotar, G. R. Patel, and M. M. Patel, “Efficacy and superiority of an innovative method (IM) of intravenous (IV) fluid drip drop rate calculation using IV set and its comparison with conventional methods

(CM),” *Int. J. Res. Med. Sci.*, vol. 7, no. 2, p. 334, 2019.

[22] A. K. Patel et al., “Design and fabrication of infusion pump to control the flow rate of solution for synthesis of zinc oxide nanomaterial,” *Int. J. Appl. Eng. Res.*, vol. 14, no. 5, pp. 1091–1097, 2019.

[23] H. K. Tavokali Golpaygani A, Movahedi MM, Reza M, “A study on performance and safety test of infusion pump device,” *Biomed. Reserch*, vol. 28, no. 12, 2017.

[24] E. Batista, J. Alves E Sousa, A. Ribeiro, L. Martins, M. Pereira, and H. Navas, “Calibration of Infusion Pumps Analyser,” *J. Phys. Conf. Ser.*, vol. 1065, no. 9, 2018.

[25] D. Nataliana, N. Taryanan, and E. Riandita, “Alat Monitoring Infus Set pada Pasien Rawat Inap Berbasis Mikrokontroler ATmega 8535,” *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 4, no. 1, p. 1, 2018.