

## DAFTAR PUSTAKA

- [1] A. Thukral, M. J. Sankar, A. Chandrasekaran, R. Agarwal, and V. K. Paul, “Efficacy and safety of CPAP in low-and middle-income countries,” *Journal of perinatology*, vol. 36, no. 1, pp. S21–S28, 2016.
- [2] M. Falk, S. Donaldsson, and T. Drevhammar, “Infant CPAP for low-income countries: An experimental comparison of standard bubble CPAP and the Pumani system,” *PLoS One*, vol. 13, no. 5, May 2018, doi: 10.1371/journal.pone.0196683.
- [3] A. Putra, Tri Bowo Indrato, and Liliek Soetjatie, “The Design of Oxygen Concentration and Flowrate in CPAP,” *Journal of Electronics, Electromedical Engineering, and Medical Informatics*, vol. 1, no. 1, pp. 6–10, Jul. 2019, doi: 10.35882/jeeemi.v1i1.2.
- [4] H. B. G. I. S. Kholikul Akram Rodianta, “OXYGEN ANALIZER,” pp. 1–8, 2015.
- [5] A. Ashish *et al.*, “CPAP management of COVID-19 respiratory failure: A first quantitative analysis from an inpatient service evaluation,” *BMJ Open Respir Res*, vol. 7, no. 1, Nov. 2020, doi: 10.1136/bmjresp-2020-000692.

- [6] Syaifudin. , S. M. S. S. S. M. Moch. Andrian Nur faiz. S, “ALAT UKUR KONSENTRASI KADAR O<sub>2</sub> PADA VENTILATOR,” *POLITEKNIK KESEHATAN KEMENTERIAN KESEHATAN SURABAYA*, pp. 85–93, 2012.
- [7] S. S. M. Moch. P. A. T. P. , ST. M. Si. Nova Marta Anggarianto, “OXYGEN ANALYZER DILENGKAPI DENGAN PENYIMPANAN DATA BERBASIS MIKROKONTROLER,” *POLITEKNIK KESEHATAN KEMENTERIAN KESEHATAN SURABAYA*, vol. I, pp. 1–11, 2016.
- [8] A. B. Raine, N. Aslam, C. P. Underwood, and S. Danaher, “Development of an ultrasonic airflow measurement device for ducted air,” *Sensors (Switzerland)*, vol. 15, no. 5, pp. 10705–10722, May 2015, doi: 10.3390/s150510705.
- [9] A. Putra, Tri Bowo Indrato, and Liliek Soetjatie, “The Design of Oxygen Concentration and Flowrate in CPAP,” *Journal of Electronics, Electromedical Engineering, and Medical Informatics*, vol. 1, no. 1, pp. 6–10, Jul. 2019, doi: 10.35882/jeeemi.v1i1.2.

- [10] Y. N. Firdaus, S. Syaifudin, and M. P. A. Tetra Putra, "Alat Ukur Konsentrasi Dan Flow Oksigen Pada Ventilator," *Jurnal Teknokes*, vol. 12, no. 1, pp. 27–32, Sep. 2019, doi: 10.35882/teknokes.v12i1.5.
- [11] G. Y. Chang, C. A. Cox, and T. H. Shaffer, "Nasal cannula, CPAP, and high-flow nasal cannula: effect of flow on temperature, humidity, pressure, and resistance," *Biomed Instrum Technol*, vol. 45, no. 1, pp. 69–74, 2011.
- [12] K. Dysart, T. L. Miller, M. R. Wolfson, and T. H. Shaffer, "Research in high flow therapy: mechanisms of action," *Respir Med*, vol. 103, no. 10, pp. 1400–1405, 2009.
- [13] S. Akshay, K. Arun, and P. B. Sunu, "Control of the home appliances using mobile telephony," *Int. J. Appl. Eng. Res.*, vol. 11, no. 9, pp. 6472–6478, 2016.
- [14] A. P. Anders, L. Murdock, C. McQuay, E. du Plessis, and A. Vachharajani, "Implementation of Bubble Continuous Positive Airway Pressure in the Delivery Room and NICU," *Neoreviews*, vol. 23, no. 3, pp. e225–e228, 2022.

- [15] A. Putra, T. B. Indrato, and L. Soetjatie, "Tools to Measure Oxygen Concentration and Oxygen Flow Rate in Continuous Positive Airway Pressure," *Journal of Electronics, Electromedical Engineering, and Medical Informatics*, vol. 1, no. 1, pp. 6–10, 2019.
- [16] T. P. Satya, U. Y. Oktiawati, I. Fahrurrozi, and H. Prisyanti, "Analisis Akurasi Sistem sensor DHT22 berbasis Arduino terhadap Thermohyrometer Standar," *Jurnal Fisika Dan Aplikasinya*, vol. 16, no. 1, pp. 40–45, 2020.
- [17] M. Babiuch, P. Foltýnek, and P. Smutný, "Using the ESP32 microcontroller for data processing," in *2019 20th International Carpathian Control Conference (ICCC)*, 2019, pp. 1–6.
- [18] W. H. Hassan, "Current research on Internet of Things (IoT) security: A survey," *Computer networks*, vol. 148, pp. 283–294, 2019.
- [19] C. R. Srinivasan, B. Rajesh, P. Saikalyan, K. Premsagar, and E. S. Yadav, "A review on the different types of Internet of Things (IoT)," *Journal of Advanced Research in Dynamical and Control Systems*, vol. 11, no. 1, pp. 154–158, 2019.

- [20] N. Hossein Motlagh, M. Mohammadrezaei, J. Hunt, and B. Zakeri, "Internet of Things (IoT) and the energy sector," *Energies (Basel)*, vol. 13, no. 2, p. 494, 2020.
- [21] A. Luis Bustamante, M. A. Patricio, and J. M. Molina, "Thinger. io: An open source platform for deploying data fusion applications in IoT environments," *Sensors*, vol. 19, no. 5, p. 1044, 2019.

