

## DAFTAR PUSTAKA

- [1] R. N. Arofah and A. Sudaryanto, “Literature Review Penggunaan High Flow Nasal Cannula (Hfnc) Pada Pasien Gagal Nafas Akut Di Unit Gawat Darurat,” *Lit. Rev.*, no. November, pp. 33–37, 2020.
- [2] R. Scala, “High-flow nasal oxygen therapy in acute respiratory failure,” *Geriatr. Care*, vol. 4, no. 3, pp. 408–413, 2010, doi: 10.4081/gc.2018.7799.
- [3] A. Nurrahmawati and H. Harmadi, “Design and Build of a Measuring Tool for Oxygen Concentration Produced by a Photobioreactor of Microalgae *Chlorella vulgaris* Using the SK-25F Sensor,” *J. Phys. Unand*, vol. 6, no. 3, pp. 255–262, 2017, doi: 10.25077/jfu.6.3.255-262.2017.
- [4] Z. P. Sullivan, L. Zazzeron, L. Berra, D. R. Hess, E. A. Bittner, and M. G. Chang, “Noninvasive respiratory support for COVID-19 patients: when, for whom, and how?,” *J. Intensive Care*, vol. 10, no. 1, pp. 1–10, 2022, doi: 10.1186/s40560-021-00593-1.

- [5] M. S. Alshahrani *et al.*, “High-Flow Nasal Cannula Treatment in Patients with COVID-19 Acute Hypoxemic Respiratory Failure: A Prospective Cohort Study,” *Saudi J Med Med Sci*, vol. 9, no. 3, pp. 1–9, 2021, doi: 10.4103/1658-631X.325256.
- [6] J.-P. Frat *et al.*, “High-Flow Oxygen through Nasal Cannula in Acute Hypoxemic Respiratory Failure,” *N. Engl. J. Med.*, vol. 372, no. 23, pp. 2185–2196, 2015, doi: 10.1056/nejmoa1503326.
- [7] S. G. Peters, S. R. Holets, and P. C. Gay, “High-flow nasal cannula therapy in do-not-intubate patients with hypoxemic respiratory distress,” *Respir. Care*, vol. 58, no. 4, pp. 597–600, 2013, doi: 10.4187/respcare.01887.
- [8] D. Giustivi, F. Bottazzini, and M. Belliato, “Respiratory monitoring at bedside in covid-19 patients,” *J. Clin. Med.*, vol. 10, no. 21, pp. 1–7, 2021, doi: 10.3390/jcm10214943.
- [9] E. S. Muhammad Khosyi’in , Agus Suprajitno, “Volume Counter and Oxygen Usage Timer,” *Vol. Count. Oxyg. Usage Timer*, vol. d, pp. 1–8, 2017.
- [10] D. Kurnia, R. Effendi, and M. Z. Syahrul, “Terapi Oksigen High Flow Nasal Cannula (Kanula Hidung

Arus Tinggi) pada Pasien Kritis Covid-19,” *J. Pendidik. Tambusai*, vol. 6, no. 1, pp. 74–82, 2022, [Online]. Available: <https://jptam.org/index.php/jptam/article/view/2829>.

- [11] L. Roesthuis, M. Van Den Berg, and H. Van Der Hoeven, “Advanced respiratory monitoring in COVID-19 patients: Use less PEEP!,” *Crit. Care*, vol. 24, pp. 1–4, 2020, doi: 10.1186/s13054-020-02953-z.
- [12] N. T. Hamahata, R. Sato, and E. G. Daoud, “Go with the flow - Clinical importance of flow curves during mechanical ventilation: A narrative review,” *Can. J. Respir. Ther.*, vol. 56, no. July, pp. 11–20, 2020, doi: 10.29390/cjrt-2020-002.
- [13] E. D. Dijemeni and R. Dickinson, “Portable mobile real time oxygen monitoring auto-ventilation system,” *2013 E-Health Bioeng. Conf. EHB 2013*, pp. 98–101, 2013, doi: 10.1109/EHB.2013.6707383.
- [14] Noviana Widyaningrum and Unan Yusmaniar Oktiawati, “Sistem Pemantauan dan Pengendalian Debit Fluida Berbasis Arduino dan Website,” *J.*

*Nas. Tek. Elektro dan Teknol. Inf.*, vol. 9, no. 3, pp. 287–295, 2020, doi: 10.22146/.v9i3.261.

- [15] M. N. Islam, S. M. Doria, X. Fu, and Z. R. Gagnon, “Piezoresistive Conductive Microfluidic Membranes for Low-Cost On-Chip Pressure and Flow Sensing,” *Sensors*, vol. 22, no. 4, 2022, doi: 10.3390/s22041489.
- [16] M. M. Jensen and M. Brabrand, “The relationship between body temperature, heart rate and respiratory rate in acute patients at admission to a medical care unit,” *Scand. J. Trauma. Resusc. Emerg. Med.*, vol. 23, no. S1, p. 2015, 2015, doi: 10.1186/1757-7241-23-s1-a12.
- [17] D. J. Dries and J. J. Marini, “Mechanical Ventilation,” *Crit. Care Nephrol. Third Ed.*, vol. no 34, no. Chapter 3, pp. 10–21, 2019, doi: 10.1016/B978-0-323-44942-7.00003-0.
- [18] A. Saguni, “Working Methods of Testing And Or Calibrating Medical Devices,” *Work. Methods Test. and/or Calibrating Med. Devices*, vol. 70, p. 32, 2015.
- [19] D. A. Kurnia and A. Sudaryanto, “Penggunaan High Flow Nasal Cannula pada Pasien Anak

- dengan Asma Di UGD : Kajian Literatur,” *Pros. 11th Ind. Res. Work. Natl. Semin.*, pp. 26–27, 2020, [Online]. Available: <https://jurnal.polban.ac.id/proceeding/article/view/2116>.
- [20] P. Goutorbe *et al.*, “Leaks can dramatically decrease FiO<sub>2</sub> on home ventilators: A bench study,” *BMC Res. Notes*, vol. 6, no. 1, p. 1, 2013, doi: 10.1186/1756-0500-6-282.
- [21] X.-J. Wang, “Leakage and Blockage Detection in Pipelines and Pipe Network Systems Using Fluid Transients,” *Dep. Civ. Environ. Eng.*, no. August, 2002.
- [22] A. S. Almazayad *et al.*, “A proposed scalable design and simulation of wireless sensor network-based long-distance water pipeline leakage monitoring system,” *Sensors (Switzerland)*, vol. 14, no. 2, pp. 3557–3577, 2014, doi: 10.3390/s140203557.
- [23] R. A. Furness and J. D. van Reet, “Leak detection.,” pp. 203–212, 1988.