

DAFTAR PUSTAKA

- [1] T. Kamelia, “Obstructive Sleep Apnea : Panduan Tatalaksana Diagnostik dan Manajemen Terkini,” *Indones. J. CHEST*, vol. 9, no. 1, pp. 30–32, 2022.
- [2] L. Giannini, L. Garavelli, E. Mainardi, A. De Filippis, and L. Esposito, “Obstructive sleep apnea syndrome,” *J. Biol. Regul. Homeost. Agents*, vol. 34, no. 6, pp. 2395–2399, 2020.
- [3] W. Bahagia and P. R. Ayu, “Sindrom Obstructive Sleep Apnea,” *Medula*, vol. 9, no. 4, pp. 705–711, 2020, [Online]. Available: <http://juke.kedokteran.unila.ac.id/index.php/medula/article/view/2608>
- [4] H. Suryawati, “Positive Airway Pressure sebagai Terapi Definitif Obstructive Sleep Apnea (OSA),” *Cermin Dunia Kedokt.*, vol. 45, no. 5, pp. 381–384, 2018, [Online]. Available: <http://www.cdkjournal.com/index.php/CDK/article/view/682>
- [5] A. Gharib, “Effect of continuous positive airway pressure on the respiratory system: a comprehensive review,” *Egypt. J. Bronchol.*, vol. 17, no. 1, pp. 1–8, 2023, doi: 10.1186/s43168-022-

00175-1.

- [6] A. Suhendra and D. Wardani, “Upaya Pemerintahan Daerah Dalam Regional Government Efforts In Growing Sosial innovation,” *J. Kebijak. Pembang.*, vol. 13, pp. 49–56, 2018.
- [7] D. J. Bennett, R. W. Carroll, and R. M. Kacmarek, “Evaluation of a low-cost bubble cpap system designed for resource-limited settings,” *Respir. Care*, vol. 63, no. 4, pp. 395–403, 2018, doi: 10.4187/respcare.05762.
- [8] H. K. A. Athra'a sabeeh Mikha, “A Simplified Design of CPAP Device Construction by Using Arduino NANO for OSA Patients,” *Des. Eng.*, no. September, pp. 6174–6185, 2021, doi: 10.4053/DE.21.06.13.6174.
- [9] E. D. Feleke and A. M. Abagaro, “Low Cost Bubble CPAP Machine with Pressure Monitoring and Controlling System,” *Res. Sq.*, pp. 1–15, 2021.
- [10] H. Kharel, Z. Kharel, and S. K. Bhandari, “Conceptual model of low-cost improvised bubble continuous positive airway pressure device for adults and its potential use in the COVID-19 pandemic,” *PLoS Negl. Trop. Dis.*, vol. 16, no. 3,

- pp. 1–6, 2022, doi: 10.1371/journal.pntd.0010221.
- [11] M. S. Jeyalakshmi, G. S. Nanditha, and R. Nandhini, “Design and Development OfCPAP (Continuous Positive Airway Pressure) Using Internet of Things,” vol. 7, no. 7, pp. 152–157, 2022.
 - [12] A. E. B. Rahayu, J. Muninggar, and M. R. S. S. N. Ayub, “Menentukan Karakteristik Dinamika Fluida pada Laju Aliran Pernapasan Upper Respiratory Airway Para Perokok Aktif,” *Prosiding SNFA (Seminar Nasional Fisika dan Aplikasinya)*, vol. 1, p. 14, 2017. doi: 10.20961/prosidingsnfa.v1i0.4492.
 - [13] J. Harlan, “Sistem Pernapasan : Pengantar Biopsikologi,” *Univ. Gunadarma*, 2019.
 - [14] Saminan, “Pertukaran Udara O₂ Dan Co₂ Dalam Pernapasan,” *J. Kedokt. Syiah Kuala*, vol. 12, no. 2, pp. 122–126, 2016.
 - [15] W. J. Meggs, *The toxicant induction of irritant asthma, rhinitis, and related conditions*. 2013. doi: 10.1007/978-1-4614-9044-9.
 - [16] O. Kadarullah and Y. Annisa, “Pengaruh Obstructive Sleep Apnea (OSA) Terhadap

Terjadinya Hipertensi Di Poli Saraf RSUD Prof. Dr. Margono Soekarjo,” *Sainteks*, vol. 3, no. 2, pp. 11–21, 2016.

- [17] M. A. Ciptaan and R. T. S. Hariyati, “Kemajuan Teknologi Dalam Menentukan Test Diagnostic Serta Monitoring Terjadinya Sleep Apnea: Studi Literatur,” *Carolus J. Nurs.*, vol. 2, no. 1, pp. 52–62, 2020, doi: 10.37480/cjon.v2i1.11.
- [18] C. J. Morley and P. G. Davis, “Continuous positive airway pressure: Scientific and clinical rationale,” *Curr. Opin. Pediatr.*, vol. 20, no. 2, pp. 119–124, 2008, doi: 10.1097/MOP.0b013e3282f63953.
- [19] R. Farré, D. Gozal, and J. M. Montserrat, “Alternative procedure to individual nasal pressure titration for sleep apnea,” *J. Clin. Med.*, vol. 10, no. 7, 2021, doi: 10.3390/jcm10071453.
- [20] ResMed, “User Guide ResMed Stellar Series,” 2022.
- [21] D. J. Gottlieb *et al.*, “CPAP versus Oxygen in Obstructive Sleep Apnea,” *N. Engl. J. Med.*, vol. 370, no. 24, pp. 2276–2285, 2014, doi: 10.1056/nejmoa1306766.
- [22] KEC Semiconductor, “Semiconductor technical

data,” *Control*, pp. 1–9, 1995.

- [23] Y. Gu, D. Qi, Y. Mao, and X. Wang, “Theoretical and experimental studies on the noise control of centrifugal fans combining absorbing liner and inclined tongue,” *Proc. Inst. Mech. Eng. Part A J. Power Energy*, vol. 225, no. 6, pp. 789–801, 2011, doi: 10.1177/0957650911414804.
- [24] Datasheet, “74HCT595 Shift Register Arduino Datasheet,” no. September 1993, 1998.
- [25] Setiyo Budiyanto, “Sistem Logger Suhu dengan Menggunakan Komunikasi Gelombang Radio,” *J. Teknol. Elektro, Univ. Mercu Buana*, vol. 3 No. 1, no. 1, pp. 21–27, 2012.
- [26] D. F. Atmoko, E. Nashrullah, U. Sg, and B. Syawaludin, “Rancang Bangun Modul Pencacah 16 Bit 3 Input Dengan Komunikasi TCP / IP Untuk Portal Monitor Radiasi Pmr15,” *Prima*, vol. 12, no. 2, pp. 29–37, 2015.
- [27] E. P. Sitohang, D. J. Mamahit, and N. S. Tulung, “Rancang Bangun Catu Daya Dc Menggunakan Mikrokontroler Atmega 8535,” *J. Tek. Elektro dan Komput.*, vol. 7, no. 2, pp. 135–142, 2018.
- [28] M. D. Riski, “Rancang Alat Lampu Otomatis Di

- Cargo Compartment Pesawat Berbasis Arduino Menggunakan Push Botton Switch Sebagai Pembelajaran Di Politeknik Penerbangan Surabaya,” *Pros. Semin. Nas. Inov. Teknol. Penerbangan*, pp. 1–9, 2019.
- [29] D. Noyed, “CPAP Mask Types,” 2023.