

DAFTAR PUSTAKA

- [1] F. R. N. Fadhilah, I. D. G. H. Wisana, and P. C. Nugraha, “Rancang Bangun Alat Pengukur,” *J. Teknokes*, vol. 14, no. 1, pp. 20–27, 2021, doi: 10.35882/teknokes.v14i1.4.
- [2] T. Nguyen, “Estimation Of The Relationship Between ECG and SpO2 Signals Of Human ESTIMATION OF THE RELATIONSHIP BETWEEN ECG AND SPO2 SIGNALS OF HUMAN ĐÁNH GIÁ MỐI QUAN HỆ GIỮA TÍN HIỆU ECG VÀ SPO2 CỦA NGƯỜI,” no. April, 2020.
- [3] M. Fissabila, P. C. Nugraha, and M. Ridha, “Pengembangan Pusat Pemantauan Central SpO2 untuk Ruang Neonate denga Sistem Wireless,” vol. 13, no. 1, pp. 52–59, 2020.
- [4] RI No. 43 20Permenkes19, “No Titleس,” *ペインクリニク学会治療指針 2*, no. 2, pp. 1–13, 2019.
- [5] A. H. Sinambela, A. P. Tarigan, P. Pandia, R. H.

- Adam, and M. Medan, “Pengaruh Latihan Fisik Terhadap Saturasi Oksigen pada Penderita Penyakit Paru Obstruktif Kronik Stabil,” vol. 35, no. 3, 2015.
- [6] V. Yonanto, I. D. Gede, H. Wisana, and T. Rahmawati, “Monitoring SpO₂ Via Android,” vol. 1, no. 1, pp. 1–7, 2019.
- [7] I. F. N, I. B. G. I, D. Dwi, and H. Andayani, “Seminar Tugas Akhir Desember 2017 PASIEN MONITOR DENGAN PARAMETER SPO₂ DAN EKG DILENGKAPI KOMUNIKASI SERIAL BLUETOOTH HC-05 (PARAMETER EKG)” Seminar Tugas Akhir Desember 2017,” vol. 05, 2017.
- [8] W. J. Iskandar, I. Roihan, and R. A. Koestoer, “Prototype low-cost portable electrocardiogram (ECG) based on Arduino-Uno with Bluetooth feature,” *AIP Conf. Proc.*, vol. 2193, no. January 2020, 2019, doi: 10.1063/1.5139392.
- [9] D. Rahmawarni, “Sistem Monitoring Saturasi Oksigen dan Denyut Nadi dalam Darah

Menggunakan Sensor MAX30100 Via Telegram Berbasis IoT,” *J. Fis. Unand*, vol. 10, no. 3, pp. 377–383, 2021.

- [10] A. S. Utomo, E. Hermono, P. Negoro, M. Sofie, S. Tinggi, and I. Kesehatan, “Monitoring heart rate dan saturasi oksigen melalui smartphone,” no. May 2020, 2019, doi: 10.24176/simet.v10i1.3024.
- [11] A. Yulia, D. Dahrizal, and W. Lestari, “Pengaruh Nafas Dalam dan Posisi Terhadap Saturasi Oksigen dan Frekuensi Nafas Pada Pasien Asma,” *J. Keperawatan Raflesia*, vol. 1, no. 1, pp. 67–75, 2019, doi: 10.33088/jkr.v1i1.398.
- [12] Patel, “~~濟無~~No Title No Title No Title,” vol. 6, no. September, pp. 9–25, 2019.
- [13] C. Sumiarty and F. A. Sulisty, “HUBUNGAN RESPIRATORY RATE (RR) DENGAN OXYGEN SATURATION (SpO2) PADA PASIEN CEDERA KEPALA,” *J. Ilm. Wijaya*, vol. 12, no. 1, pp. 101–109, 2020, [Online]. Available: www.jurnalwijaya.com;

- [14] P. D. Mannheim, J. R. Casciani, M. E. Fein, and S. L. Nierlich, “Wavelength Selection for Low-Saturation Pulse Oximetry,” vol. 44, no. 3, pp. 148–158, 1997.
- [15] D. P. P. Indriani, Y. Yudianingsih, and E. L. Utari, “Perancangan Pulse Oximetry Dengan Sistem Alarm Prioritas Sebagai Vital Monitoring Terhadap Pasien,” *Respati*, vol. 9, no. 27, pp. 93–107, 2017, doi: 10.35842/jtir.v9i27.86.
- [16] U. Salamah, A. N. Izziyah, and A. A. Raharjo, “Validasi Pulse oximeter dalam Penentuan Kadar Oksigen dalam Darah,” *J. Teor. dan Apl. Fis.*, vol. 8, no. 2, pp. 135–140, 2020, doi: 10.23960/jtaf.v8i2.2588.
- [17] A. Andriani and R. Hartono, “Saturasi Oksigen Dengan Pulse Oximetry Dalam 24 Jam Pada Pasien Dewasa Terpasang Ventilator Di Ruang Icu Rumah Sakit Panti Wilasa Citarum Semarang,” *Jendela Nursing Journal*, vol. 2, no. 1, pp. 257–263, 2013.
- [18] Maxim Integrated, “Pulse Oximeter and Heart-Rate

Sensor IC for Wearable Health,” *Lect. Notes Energy*, vol. 38, pp. 1–29, 2014, [Online]. Available: www.maximintegrated.com

- [19] STMicroelectronics, “STM32CubeProg Data brief STM32CubeProgrammer all-in-one software tool STM32CubeProg,” no. February, 2019, [Online]. Available: https://www.st.com/content/st_com/en/products/development-tools/software-development-tools/stm32-software-development-tools/stm32-programmers/stm32cubeprog.html
- [20] R. Setiawan, M. Rivai, and S. Suwito, “Implementasi Analog Front End pada Sensor Kapasitif Untuk Pengaturan Kelembaban Menggunakan Mikrokontroler STM32,” *J. Tek. ITS*, vol. 6, no. 1, 2017, doi: 10.12962/j23373539.v6i1.22153.
- [21] A. Mcu, “STM32F100xC STM32F100xD STM32F100xE,” no. September, pp. 1–98, 2012.
- [22] T. D. Hendrawati and I. Lesmana, “Rancang

Bangun Saklar Lampu Otomatis dan Monitoring Suhu Rumah Menggunakan VB. Net dan Arduino,” *J. Teknol. Rekayasa*, vol. 1, no. 1, p. 67, 2017, doi: 10.31544/jtera.v1.i1.2016.67-72.

- [23] D. Gusrion, “Membuat Aplikasi Penyimpanan dan Pengolahan Data dengan VB.NET,” *J. KomtekInfo*, vol. 5, no. 1, pp. 150–163, 2018, doi: 10.35134/komtekinfo.v5i1.10.