

DAFTAR PUSTAKA

- [1] R. 'Mustajab, "Kematian akibat Penyakit Jantung di Indonesia Terus Meningkat," *DataIndonesia.id*, Sep. 2023, [Online]. Available: <https://dataindonesia.id/kesehatan/detail/kematian-akibat-penyakit-jantung-di-indonesia-terus-meningkat>
- [2] S. Selvaraj and S. Sundaravaradhan, "Challenges and opportunities in IoT healthcare systems: a systematic review," Jan. 01, 2020, *Springer Nature*. doi: 10.1007/s42452-019-1925-y.
- [3] Q. Ayuni, R. Cahya Wihandika, and N. Yudistira, "Klasifikasi Aritmia Dari Hasil Elektrokardiogram Menggunakan Metode Support Vector Machine," 2021. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [4] S. H. , M. A. P. Tiomaida Sevia H.H., S. S. M. Evida Veronika Manullang, and S. M. Wardah, *PROFIL KESEHATAN INDONESIA 2022*. Jakarta: Kementerian Kesehatan Republik Indonesia, 2023.
- [5] D. Detak Jantung Berbasis Web *et al.*, "Pemantauan EKG," *Jurnal Otomasi, Kontrol & Instrumentasi*, vol. 14, no. 1, p. 2022.
- [6] Z. Bouzid, S. S. Al-Zaiti, R. Bond, and E. Sejdić, "Remote and wearable ECG devices with diagnostic abilities in adults: A state-of-the-science scoping review," *Heart Rhythm*, vol. 19, no. 7, pp. 1192–1201, Jul. 2022, doi: 10.1016/j.hrthm.2022.02.030.
- [7] M. Kep. , Sp. K. Dr. Yessy Dessy Arna, Skep. , M. K. Ns. Rahel Metanfanuan, M. K. Drg. Vega Roosa Fione, and et.al, *BUNGA RAMPAI ILMU BIOMEDIS*, Cetakan Pertama. Kab. Cilacap, Jawa Tengah: PT Media Pustaka Indo, 2024.
- [8] "Bahan Kuliah FISILOGI JANTUNG."
- [9] Portal Medis, "Sistem Konduksi dan Elektrofisiologi Sel Otot Jantung," *Portal Medis*, 2022.
- [10] S. N. Britin, M. A. Britina, and R. Ya. Vlasenko, "Cardiac Conduction System: A Generalized Electrical Model," *Springer Science+Business Media, LLC*, vol. 55, no. 1, pp. 28–30, 2021.
- [11] Byan Widya Ermanda and Ulinnuha Latifa, "mplementasi Pengukuran Detak Jantung Dan Elektrokardiografi Sebagai Alat Kesehatan Mandiri Terintegrasi Internet of Things," *Jurnal Teknik Elektro dan Komputasi (ELKOM)*, vol. 5, no. 2, pp. 204–216, Aug. 2023.
- [12] FAUZI FRAHMA TALININGSIH, YUNENDAH NUR FU'ADAH,

- SYAMSUL RIZAL, ACHMAD RIZAL, and MUHAMMAD ADNAN PRAMUDITO, "Sistem Otentikasi Biometrik Berbasis Sinyal EKG Menggunakan Convolutional Neural Network 1 Dimensi," *ResearchGate*, vol. 7, no. 1, pp. 1–10, Jun. 2022.
- [13] Annes Waren and Muhammad Ilyas, "Literature Review: Heart Rate Variability as a Biomonitoring of Occupational Stress," *The Indonesian Journal of Occupational Safety and Health*, vol. 10, no. 2, pp. 273–279, Aug. 2021.
- [14] Gde Bayu Adityaputra, Tasripan, and Tri Arief Sardjono, "Rancang Bangun Elektrokardiograf 12-Leads untuk Sistem Pengawasan Kesehatan Jantung Jarak Jauh," *JURNAL TEKNIK ITS*, vol. 8, no. 1, 2019.
- [15] Hasbi Dicky Baihaqi, "ANALISIS HEART RATE VARIABILITY (HRV) ANTARA ELEKTROKARDIOGRAM (EKG) DENGAN STETOSKOP ELEKTRONIK LITTMANN 3200," Universitas Islam Indonesia, Yogyakarta, 2020.
- [16] "An Actual Galileo application: An EKG Device," *CS Open CourseWare*, 2020.
- [17] R. M. Nugroho and T. Herawati, "PEREKAMAN CEPAT ELEKTROKARDIOGRAM ESOPHAGEAL ATRIAL STIMULATION INTEGRATED (EKG EASI) NIRKABEL: A LITERATURE REVIEW," *Jurnal Keperawatan PPNI Jawa Barat*, vol. 1, no. 2, Dec. 2023, doi: 10.70332/jkp.v1i2.7.
- [18] A. A. T. Schuurmans *et al.*, "Validity of the Empatica E4 Wristband to Measure Heart Rate Variability (HRV) Parameters: a Comparison to Electrocardiography (ECG)," doi: 10.1007/s10916-020-01648-w/Published.
- [19] L. Bonek *et al.*, "Development of a Flexible and Wireless ECG Monitoring Device," in *Proceedings of IEEE Sensors*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020. doi: 10.1109/SENSORS47125.2020.9278904.
- [20] A. B. Nigusse, D. A. Mengistie, B. Malengier, G. B. Tseghai, and L. Van Langenhove, "Wearable smart textiles for long-term electrocardiography monitoring—a review," *Sensors*, vol. 21, no. 12, Jun. 2021, doi: 10.3390/s21124174.
- [21] V. Randazzo, J. Ferretti, and E. Pasero, "Anytime ecg monitoring through the use of a low-cost, user-friendly, wearable device," *Sensors*, vol. 21, no. 18, Sep. 2021, doi: 10.3390/s21186036.
- [22] Ning Wang and Jun Zhou, "Energy-Efficient Intelligent ECG Monitoring for Wearable Devices," *IEEE TRANSACTIONS ON BIOMEDICAL CIRCUITS AND SYSTEMS*, vol. 13, no. 5, Oct. 2019.

- [23] M. Bravo-Zanoguera, D. Cuevas-González, M. A. Reyna, J. P. García-Vázquez, and R. L. Avitia, “Fabricating a portable ECG device using AD823X analog front-end microchips and open-source development validation,” *Sensors (Switzerland)*, vol. 20, no. 20, pp. 1–30, Oct. 2020, doi: 10.3390/s20205962.
- [24] B. Bai, Y. Zhao, X. Chen, Y. Chen, and Z. Luo, “A smart portable ECG monitoring system with high precision and low power consumption,” *Journal of Intelligent and Fuzzy Systems*, vol. 41, no. 3, pp. 4547–4557, 2021, doi: 10.3233/JIFS-189715.
- [25] S. Lucas, M. Desai, A. Khot, S. Harriet, and K. Jain, “Mobile Heart Sync: An IoT Based Portable ECG Monitor,” in *Advancements in Communication and Systems*, Soft Computing Research Society, 2024, pp. 315–324. doi: 10.56155/978-81-955020-7-3-27.
- [26] S. Sharma, T. Bhasker, K. P. Singh, M. Devendra, and P. Singh, “Design And Implementation Of Portable Ecg Monitoring System Using Esp32 And Web-Based Visualization,” 2025. [Online]. Available: www.ijcrt.org
- [27] M. Arifatul Triyono and L. Forra Wakidi, “ShareAlike 4.0 International License (CC BY-SA 4.0). Reducing Motion Artifacts in Holter Monitors Using Digital Butterworth Filters to Improve the Quality of ECG Signal Recordings and Utilize IoT Technology,” *Jurnal Teknokes Homepage: teknokes.org*, vol. 18, no. 1, pp. 67–73, 2025, doi: 10.35882/teknokes.v18i1.18.
- [28] B. Setianto Purwowyoto, *Elektrokardiologi, EKG-6 Plus*, 2023rd ed. Jakarta, 2023.