DAFTAR PUSTAKA

[1] C. A. Alexander and L. Wang, "Big Data Analytics in Heart Attack Prediction," *J. Nurs. Care*, vol. 6, no. 2, pp. 2167–1168, 2017, doi: 10.4172/2167-1168.1000393.

[2] G. A. Mensah, G. A. Roth, and V. Fuster, "The Global Burden of Cardiovascular Diseases and Risk Factors," *J. Am. Coll. Cardiol.*, vol. 74, no. 20, pp. 2529 LP – 2532, Nov. 2019, doi: 10.1016/j.jacc.2019.10.009.

[3] P. Sasidharan, T. Rajalakshmi, and U. Snekhalatha, "Wearable Cardiorespiratory Monitoring Device for Heart Attack Prediction," in *2019 International Conference on Communication and Signal Processing (ICCSP)*, 2019, pp. 54–57.

[4] S. Nashif, R. Raihan, R. Islam, and M. H. Imam, "Heart Disease Detection by Using Machine Learning Algorithms and a Real-Time Cardiovascular Health Monitoring System," pp. 854–873, 2018, doi: 10.4236/wjet.2018.64057.

[5] H. Liu, J. Allen, D. Zheng, and F. Chen, "Recent

development of respiratory rate measurement technologies," *Physiol. Meas.*, vol. 40, no. 7, p. 07TR01, 2019, doi: 10.1088/1361-6579/ab299e.

[6]   B. Hill and S. H. Annesley, "Monitoring respiratory rate in adults," *Br. J. Nurs.*, vol. 29, no. 1, pp. 12–16, Jan. 2020, doi: 10.12968/bjon.2020.29.1.12.

[7]   S. A. Miyagi, M. R. Mak'ruf, and T. Das, "Design of Respiration Rate Meter Using Flexible Sensor," *J. Electron. Electromed. Eng. Med. Informatics*, vol. 2, no. 1 SE-Articles, Jan. 2020, doi: 10.35882/jeeemi.v2i1.3.

[8]   Z. O. Abu-faraj *et al.*, "Design and Development of a Heart-Attack Detection Steering Wheel," no. Bmei, pp. 11–16, 2018, doi: 10.1109/CISP-BMEI.2018.8633210.

[9]   O. J. Mechanic and S. A. Grossman, *Myocardial Infarction, Acute*. StatPearls Publishing, 2018.

[10]   A. Putot, F. Chague, P. Manckoundia, Y. Cottin, and M. Zeller, "Post-Infectious Myocardial Infarction: New Insights for Improved Screening," *J. Clin. Med.*, vol. 8, no. 6, p. 827, Jun. 2019, doi: 10.3390/jcm8060827.

[11] T. P. Ilczak, "Predictive factors for myocardial infarction in pre- hospital emergency care," pp. 1–10, 2020, doi: 10.21203/rs.2.20471/v1.

[12] L. Chaari Fourati and S. Said, "Remote Health Monitoring Systems Based on Bluetooth Low Energy (BLE) Communication Systems BT - The Impact of Digital Technologies on Public Health in Developed and Developing Countries," 2020, pp. 41–54.

[13] M. Hamim, S. Paul, S. I. Hoque, M. N. Rahman, and I. Baqee, "IoT Based Remote Health Monitoring System for Patients and Elderly People," in *2019 International Conference on Robotics,Electrical and Signal Processing Techniques (ICREST)*, 2019, pp. 533–538, doi: 10.1109/ICREST.2019.8644514.

[14] N. Shankar and K. Sankar, "Measurement of Respiratory Rate Using Peizoelectric sensor," *Int. J. Sci. Res. Rev.*, vol. 7, no. 1, pp. 184–188, 2018.

[15] H. Hassaballah and R. Fayadh, "Implementation of wireless sensor network for medical applications," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 745, p. 12089, Mar. 2020, doi: 10.1088/1757-

899X/745/1/012089.

[16] H. Ouldzira, A. Mouhsen, H. Lagraini, A. Tabyaoui, and M. Chhiba, "Smart monitoring information system based on RF 433 Mhz (SMIS)," vol. 9, no. 6, pp. 5143–5149, 2019, doi: 10.11591/ijece.v9i6.pp5143-5149.

[17] L. Leicht, P. Vetter, S. Leonhardt, and D. Teichmann, "The PhysioBelt: A safety belt integrated sensor system for heart activity and respiration," in *2017 IEEE International Conference on Vehicular Electronics and Safety (ICVES)*, 2017, pp. 191–195.

[18] A. Singh and A. Chaudhary, "Real Time Respiration Rate Measurement Using Temperature Sensor," *Int. J. Recent Innov. Trends Comput. Commun.*, vol. 5, no. 6, pp. 605–607, 2017.

[19] M. Chu *et al.*, "Respiration rate and volume measurements using wearable strain sensors," *npj Digit. Med.*, vol. 2, no. 1, p. 8, 2019, doi: 10.1038/s41746-019-0083-3.

[20] C. Rotariu, C. Cristea, D. Arotaritei, R. G. Bozomitu, and A. Pasarica, "Continuous respiratory monitoring device for detection of

sleep apnea episodes," in *2016 IEEE 22nd International Symposium for Design and Technology in Electronic Packaging (SIITME)*, 2016, pp. 106–109, doi: 10.1109/SIITME.2016.7777255.

[21] O. Manzombi, E. M. Dogo, and N. I. Nwulu, "Design and Implementation of a Wireless Patient Health Monitoring System," *2019 Int. Artif. Intell. Data Process. Symp.*, pp. 1–6.

[22] J. Li, Y. Long, F. Yang, and X. Wang, "Respiration-driven triboelectric nanogenerators for biomedical applications," *EcoMat*, vol. 2, no. 3, p. e12045, Sep. 2020, doi: https://doi.org/10.1002/eom2.12045.

[23] S. Kenneth S, "Respiration - Biology Encyclopedia - cells, body, function, human, process, system, different, blood," © *2017 Advameg, Inc.*, 2017. .

[24] Z. Liu *et al.*, "Flexible piezoelectric nanogenerator in wearable self-powered active sensor for respiration and healthcare monitoring," *Semicond. Sci. Technol.*, vol. 32, no. 6, p. 64004, 2017, doi: 10.1088/1361-6641/aa68d1.

[25] I. I. Geneva, B. Cuzzo, T. Fazili, and W. Javaid, "Normal Body Temperature : A Systematic Review," pp. 1–7, 2017, doi: 10.1093/ofid/ofz032.

[26] Z. Obermeyer, J. K. Samra, and S. Mullainathan, "Individual differences in normal body temperature: Longitudinal big data analysis of patient records," *BMJ*, vol. 359, pp. 1–8, 2017, doi: 10.1136/bmj.j5468.

[27] Dfrobot, "Waterproof DS18B20 Digital Temperature Sensor," *Dfrobot*, 2017.

[28] M. Esp-, D. Rizaludin, Y. S. Raharjo, A. Nugroho, and M. N. Al-azam, "Message Queuing Telemetry Transport dalam Internet of Things," *J. Media Inform. Budidarma*, vol. 3, no. 3, pp. 159–166, 2019, doi: 10.30865/mib.v3i3.1160.

[29] Ciksadan, "Wireless Sensor Network," *J. Teknol. Inf. dan Komput. Politek. Sekayu*, vol. 9, no. 1, pp. 44–48, 2019.

[30] D. K P, "Wireless Transceiver Module HC-12 based Automatic Water-level Monitoring and Control System," *Int. Res. J. Adv. Sci. Hub*, vol. 2, no. 10, pp. 24–28, Oct. 2020, doi: 10.47392/irjash.2020.184.