

DAFTAR PUSTAKA

- [1] S. Makka, G. Arora, and B. Mopuru, “IoT based health monitoring and record management using distributed ledger,” *J. Phys. Conf. Ser.*, vol. 2089, no. 1, 2021, doi: 10.1088/1742-6596/2089/1/012030.
- [2] N. A. A. Bakar, W. M. W. Ramli, and N. H. Hassan, “The internet of things in healthcare: An overview, challenges and model plan for security risks management process,” *Indones. J. Electr. Eng. Comput. Sci.*, vol. 15, no. 1, pp. 414–420, 2019, doi: 10.11591/ijeecs.v15.i1.pp414-420.
- [3] B. Pradhan, S. Bhattacharyya, and K. Pal, “IoT-Based Applications in Healthcare Devices,” vol. 2021, 2021.
- [4] D. S. R. Krishnan, S. C. Gupta, and T. Choudhury, “An IoT based Patient Health Monitoring System,” *Proc. 2018 Int. Conf. Adv. Comput. Commun. Eng. ICACCE 2018*, vol. 1, no. I, pp. 1–7, 2018, doi: 10.1109/ICACCE.2018.8441708.
- [5] S. Rani, “Modern Health Monitoring And Analysis Using Iot Technology,” no. June, 2021.

- [6] I. Azimi, T. Pahikkala, A. M. Rahmani, H. Niela-Vilén, A. Axelin, and P. Liljeberg, “Missing data resilient decision-making for healthcare IoT through personalization: A case study on maternal health,” *Futur. Gener. Comput. Syst.*, vol. 96, pp. 297–308, 2019, doi: 10.1016/j.future.2019.02.015.
- [7] M. Romano, L. Iuppariello, A. M. Ponsiglione, G. Improta, P. Bifulco, and M. Cesarelli, “Frequency and Time Domain Analysis of Foetal Heart Rate Variability with Traditional Indexes: A Critical Survey,” *Comput. Math. Methods Med.*, vol. 2016, pp. 16–19, 2016, doi: 10.1155/2016/9585431.
- [8] P. F. Mdoe *et al.*, “Intermittent fetal heart rate monitoring using a fetoscope or hand held Doppler in rural Tanzania: A randomized controlled trial,” *BMC Pregnancy Childbirth*, vol. 18, no. 1, pp. 1–8, 2018, doi: 10.1186/s12884-018-1746-9.
- [9] A. R. Zizzo, I. Kirkegaard, J. Hansen, N. Uldbjerg, and H. Mølgaard, “Fetal Heart Rate Variability Is Affected by Fetal Movements: A Systematic Review,” *Front. Physiol.*, vol. 11, no. September, 2020, doi: 10.3389/fphys.2020.578898.
- [10] O. Sylwestrzak, A. Nowakowska, J. Murlewska,

- and M. Respondek-Liberska, “Normal ranges of fetal heart rate values for healthy fetuses in Poland, as determined by ultrasound between weeks 18 and 29 of gestation,” *Kardiol. Pol.*, vol. 79, no. 11, pp. 1245–1250, 2021, doi: 10.33963/KP.A2021.0119.
- [11] Alfina Nadhirotussolikah, Andjar Pudji, and Muhammad Ridha Mak’ruf, “Fetal Doppler Simulator Based on Arduino,” *J. Electron. Electromed. Eng. Med. Informatics*, vol. 2, no. 1, pp. 28–32, 2020, doi: 10.35882/jeeemi.v2i1.6.
- [12] A. R. Zizzo, I. Kirkegaard, N. Uldbjerg, J. Hansen, and H. Mølgaard, “Towards better reliability in fetal heart rate variability using time domain and spectral domain analyses. A new method for assessing fetal neurological state?,” *PLoS One*, vol. 17, no. 3, p. e0263272, 2022, doi: 10.1371/journal.pone.0263272.
- [13] N. O’Brien-Abel, “Clinical Implications of Fetal Heart Rate Interpretation Based on Underlying Physiology,” *MCN. Am. J. Matern. Child Nurs.*, vol. 45, no. 2, pp. 82–91, 2020, doi: 10.1097/NMC.0000000000000596.
- [14] L. Zach *et al.*, “Mobile CTG - Fetal heart rate

- assessment using android platform,” *Comput. Cardiol.* (2010)., vol. 38, pp. 249–252, 2011.
- [15] W. Yang, K. Yang, H. Jiang, Z. Wang, Q. Lin, and W. Jia, “Fetal heart rate monitoring system with mobile internet,” *Proc. - IEEE Int. Symp. Circuits Syst.*, pp. 443–446, 2014, doi: 10.1109/ISCAS.2014.6865165.
- [16] M. R. Makruf, “Perancangan filter digital pada fetal doppler,” *Penelitian*, vol. 8, no. 1, pp. 705–710, 2013.
- [17] M. Auci, “Relativistic Doppler Effect and Wave-Particle Duality,” *Int. J. Appl. Phys.*, vol. 7, no. 2, pp. 7–15, 2020, doi: 10.14445/23500301/ijap-v7i2p102.
- [18] T. Stampalija *et al.*, “Fetal cerebral Doppler changes and outcome in late preterm fetal growth restriction: prospective cohort study,” *Ultrasound Obstet. Gynecol.*, vol. 56, no. 2, pp. 173–181, 2020, doi: 10.1002/uog.22125.
- [19] M. G. Signorini, A. Fanelli, and G. Magenes, “Monitoring fetal heart rate during pregnancy: Contributions from advanced signal processing and wearable technology,” *Comput. Math. Methods*

Med., vol. 2014, 2014, doi: 10.1155/2014/707581.

- [20] J. Y. Kwon and I. Y. Park, “Fetal heart rate monitoring: from Doppler to computerized analysis,” *Obstet. Gynecol. Sci.*, vol. 59, no. 2, p. 79, 2016, doi: 10.5468/ogs.2016.59.2.79.