DAFTAR PUSTAKA

[1] A. Akan, “A test and simulation device for Doppler-based fetal heart rate monitoring,” pp. 1187–1194, 2015.

[2] I. Voicu, S. Ménigot, D. Kouamé, and J. Girault, “New Estimators and Guidelines for Better Use of Fetal Heart Rate Estimators with Doppler Ultrasound Devices,” vol. 2014, 2014.

[3] W. Yang, K. Yang, H. Jiang, and Z. Wang, “Fetal Heart Rate Monitoring System with Mobile Internet,” pp. 443–446, 2014.

[4] N. S. Salahuddin, S. P. Sari, P. A. Jambormias, and J. Harlan, “Design of a Fetal Heartbeat Detector,” vol. 2015, no. Icesti, pp. 429–435, 2015.

[5] M. Dai, X. Chen, K. Zhan, H. Lin, S. Li, and S. Chen, “Design of a novel portable fetal cardiac detection system,” no. Icmia, pp. 566–572, 2016.

[6] N. Marchon, “Detection of fetal heart rate using ANFIS displayed on a smartphone,” pp. 2–6.

[7] G. J. L. M. Jongen, M. B. V. D. H. Der Jagt, S. G. Oei, F. N. Van De Vosse, and P. H. M.

Bovendeerd, “Simulation of fetal heart rate variability with a mathematical model,” *Med. Eng. Phys.*, vol. 0, pp. 1–10, 2017.

[8] M. Romano, L. Iuppariello, G. D. Addio, F. Clemente, F. Amato, and M. Cesarelli, “Computerised Simulation of Fetal Heart Rate Signals,” 2017, pp. 185–188.

[9] S. A. Alnuaimi, “Fetal Cardiac Doppler Signal Processing Techniques : Challenges and Future Research Directions,” vol. 5, no. December, 2017.

[10] A. Nadhirotussolikah and A. Pudji, “Fetal Doppler Simulator Based on Arduino,” vol. 2, no. 1, pp. 28–32, 2020.

[11] B. H. Grubbs, A. E. Prosper, R. H. Chmait, E. G. Grant, and D. K. Walker, “Doppler US in the Evaluation of Fetal Growth and Perinatal Health 1,” pp. 1831–1838, 1831.

[12] E. P. Specification, “Device and Method for Determinig Fetal Heart Rate,” 2019.

[13] S. Alnuaimi, S. Jimaa, Y. Kimura, and G. K. Apostolidis, “Fetal Cardiac Timing Events Estimation From Doppler Ultrasound Signals Using Swarm Decomposition,” vol. 10, no. June,

pp. 1–13, 2019.

[14] M. Kusnaindi, “Analisis Fetal Simulator yang Dilengkapi dengan Thermohygrometer,” vol. 10, no. 3, pp. 176–182, 2019.

[15] B. Amrutha, R. Sinha, S. Kumar, and M. Arora, “Foetal Acoustic Simulator,” *2019 11th Int. Conf. Commun. Syst. Networks*, vol. 2061, pp. 882–885.

[16] C. Series, “Heart Detection System Using Hybrid Internet of Things Based on Pulse Sensor Heart Detection System Using Hybrid Internet of Things Based on Pulse Sensor,” 2019.

[17] I. Partum and F. Monitoring, “System and Method for Simulating Fetal Heart Rate for Non-Invasive Intra-Partum Fetal Monitoring,” 2019.

[18] J. Wrobel, R. Czabanski, and R. Martinek, “New Method for Beat-to-Beat Fetal Heart Rate Measurement Using Doppler Ultrasound Signal,” 2020.

[19] A. H. Khandoker *et al.*, “Estimating Fetal Age by Fetal Maternal Heart Rate Coupling Parameters,” 2020.

[20] D. Bibbo *et al.*, “A New Approach for Testing Fetal Heart Rate Monitors.”

[21] A. Saguni, “Metode Kerja,” vol. 70.

[22] K. K. RI, *PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 54 TAHUN 2015*, vol. 53, no. 5. 2015.

[23] P. Hamelmann *et al.*, “Doppler ultrasound technology for fetal heart rate monitoring : a review,” *IEEE Trans. Ultrason. Ferroelectr. Freq. Control*, vol. PP, no. c, p. 1, 2019.

[24] E. R. Y. Fatmawati, P. Pascasarjana, and U. S. Maret, “Perbedaan pengaruh pemberian stimulasi antara musik klasik dan murotal terhadap denyut jantung janin dan gerakan janin pada ibu hamil trimester ii serta iii,” 2013.

[25] Mufdlilah, *Panduan Asuhan Kebidanan Ibu Hamil*. 2017.

[26] T. Pin, “How to select your RS solenoid Data Sheet,” no. November, 2005.

[27] “Arduino,” vol. 328.