

DAFTAR PUSTAKA

- [1] I. Rahayu Widiarti and R. Yulviana, “Pendampingan Senam Hamil pada Ibu Hami Trimester III untuk Mengurangi Nyeri Punggung di PMB Rosita, S.Tr, Keb Tahun 2021,” *J. Kebidanan Terkini (Current Midwifery Journal)*, vol. 1, no. 2, pp. 153–160, 2022, doi: 10.25311/jkt/vol1.iss2.463.
- [2] R. Juwita, R. B. Suroyo, and J. T. Sibero, “Analisis Faktor Yang Memengaruhi Kejadian Kematian Perinatal Di Wilayah Kerja Dinas Kesehatan Dan Keluarga Berencana Kabupaten Pidie Jaya Tahun 2020,” *J. Healthc. Technol. Med.*, vol. 7, no. Vol 7, No 1 (2021): APRIL 2021, pp. 185–202, 2021, [Online]. Available: <http://jurnal.uui.ac.id/index.php/JHTM/article/view/1407/718>
- [3] H. Amin, S. Dashora, R. Sharma, and R. Joshi, “Evaluation of non-stress test as predictor of perinatal outcome in high risk and low risk pregnancy: a prospective study,” *Int. J. Reprod. Contraception, Obstet. Gynecol.*, vol. 12, no. 8, pp. 2450–2455, 2023, doi: 10.18203/2320-1770.ijrcog20232289.
- [4] X. Dong, S. Chen, G. Xing, Z. Peng, W. Zhang, and G. Meng, “Doppler Frequency Estimation by Parameterized Time-Frequency Transform and Phase Compensation Technique,” *IEEE Sens. J.*, vol. 18, no. 9, pp. 3734–3744, 2018, doi: 10.1109/JSEN.2018.2812848.
- [5] K. Nguyen *et al.*, “Wearable Fetal Monitoring Solution for Improved Mobility During Labor & Delivery.,” *Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. IEEE Eng. Med. Biol. Soc. Annu. Int. Conf.*, vol. 2018, pp. 4397–4400, Jul. 2018, doi: 10.1109/EMBC.2018.8513321.
- [6] P. Hamelmann *et al.*, “Doppler Ultrasound Technology for Fetal Heart Rate Monitoring: A Review,” *IEEE Trans. Ultrason. Ferroelectr. Freq. Control*, vol. 67, no. 2, pp. 226–238, Feb. 2020, doi: 10.1109/TUFFC.2019.2943626.
- [7] Y. Zhang *et al.*, “Wearable Fetal ECG Monitoring System from Abdominal Electrocardiography Recording,” *Biosensors*, vol. 12, no. 7, 2022, doi: 10.3390/bios12070475.
- [8] J. C. P. Ferreira *et al.*, “The evolution of fetal presentation during pregnancy: A retrospective, descriptive cross-sectional study,” *Acta Obstet. Gynecol.*

- Scand.*, vol. 94, no. 6, pp. 660–663, 2015, doi: 10.1111/aogs.12626.
- [9] D. N. White, G. R. Curry, and R. J. Stevenson, “The acoustic characteristics of the skull,” *Ultrasound Med. Biol.*, vol. 4, no. 3, pp. 225–252, 1978, doi: [https://doi.org/10.1016/0301-5629\(78\)90054-6](https://doi.org/10.1016/0301-5629(78)90054-6).
- [10] C. S. Kleinman, J. C. Huhta, and N. H. Silverman, “AMERICAN SOCIETY OF ECHOCARDIOGRAPHY POSITION PAPER * Doppler echocardiography in the human fetus,” pp. 287–290, 1988.
- [11] T. T. Ngo, C. C. Wang, H. H. Wu, and V. T. Than, “Improving temperature uniformity of glass panels in TFT-LCD oven based on perforated plates,” *Therm. Sci. Eng. Prog.*, vol. 19, 2020, doi: 10.1016/j.tsep.2020.100592.
- [12] ANANDA MUHAMAD TRI UTAMA, “Retracked: Prenatal Monitoring of Perinatal Pregnant Women and Fetus Based on a Smart Electronic Fetal Monitoring System,” vol. 9, pp. 356–363, 2022.
- [13] S. Khuzaiyah, A. Anies, and S. Wahyuni, “The Effects of Hypnosis Relaxation Towards Fetus Heart Frequency and Vital Signs among Pregnant Women with Pre-eclampsia,” *IJNP (Indonesian J. Nurs. Pract.)*, vol. 4, no. 1, 2020, doi: 10.18196/ijnp.41106.
- [14] P. Dan and U. Kehamilan, “Perbedaan frekuensi denyut jantung janin berdasarkan paritas dan usia kehamilan,” vol. 6, no. 1, pp. 195–198, 2017.
- [15] R. C. Goodlin, “History of fetal monitoring,” *Am. J. Obstet. Gynecol.*, vol. 133, no. 3, pp. 323–352, 1979, doi: [https://doi.org/10.1016/0002-9378\(79\)90688-4](https://doi.org/10.1016/0002-9378(79)90688-4).
- [16] J. B. Cerdas, D. Kebidanan, and P. Baubau, “Posisi Ibu Hamil Memengaruhi Akurasi Pengukuran Kesejahteraan Janin,” vol. 2, no. 3, pp. 170–176, 2020, doi: 10.33860/jbc.v2i3.93.
- [17] L. D. Bainuan, F. Husin, A. D. Anwar, A. Arifin, and F. F. Wirakusumah, “Sensitivitas, Spesifisitas dan Akurasi Pengukuran Kontraksi Uterus Kala I Fase Aktif Ibu Bersalin Menggunakan Tokodinamometer,” *Maj. Kedokt. Bandung*, vol. 50, no. 1, pp. 29–35, 2018, doi: 10.15395/mkb.v50n1.1213.
- [18] A. Sbrollini *et al.*, “CTG Analyzer: A graphical user interface for cardiotocography,” *Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. IEEE Eng. Med. Biol. Soc. Annu. Int. Conf.*, vol. 2017, pp. 2606–2609, Jul. 2017, doi:

10.1109/EMBC.2017.8037391.

- [19] R. Martinek *et al.*, “Passive Fetal Monitoring by Advanced Signal Processing Methods in Fetal Phonocardiography,” *IEEE Access*, vol. 8, pp. 221942–221962, 2020, doi: 10.1109/ACCESS.2020.3043496.
- [20] “Poster Session V Pathology,” *Connect. Tissue Res.*, vol. 44, no. 1, pp. 364–367, 2003, doi: 10.1080/713713608.
- [21] I. S. Faradisa, T. A. Sardjono, and M. H. Purnomo, “Teknologi Pemantauan Kesejahteraan Janin di Indonesia,” *Semin. Nas. Inov. Dan Apl. Teknol. Di Ind. 2017*, pp. 1–6, 2017.
- [22] C. Bouyam and Y. Punsawad, “Human–machine interface-based wheelchair control using piezoelectric sensors based on face and tongue movements,” *Heliyon*, vol. 8, no. 11, p. e11679, 2022, doi: 10.1016/j.heliyon.2022.e11679.
- [23] J. Joseph, S. G. Singh, and S. R. K. Vanjari, “Piezoelectric Micromachined Ultrasonic Transducer Using Silk Piezoelectric Thin Film,” *IEEE Electron Device Lett.*, vol. 39, no. 5, pp. 749–752, 2018, doi: 10.1109/LED.2018.2816646.
- [24] Go Tronic, “Datasheet 3134-Micro Load Cell (0-20kg)-CZL635,” pp. 1–4, 2013.
- [25] A. C. Bento, “An Experimental Survey with NodeMCU12e+Shield with Tft Nextion and MAX30102 Sensor,” *11th Annu. IEEE Inf. Technol. Electron. Mob. Commun. Conf. IEMCON 2020*, pp. 82–86, 2020, doi: 10.1109/IEMCON51383.2020.9284870.
- [26] S. C. Hung and Y. C. Hsu, “Managing TFT-LCDs under uncertainty: When crystal cycles meet business cycles,” *Technol. Forecast. Soc. Change*, vol. 78, no. 7, pp. 1104–1114, 2011, doi: 10.1016/j.techfore.2011.02.003.
- [27] Espressif, “ESP32 Series Datasheet,” *Espr. Syst.*, pp. 1–69, 2022.
- [28] S. M. Yuan, “Fetal arrhythmias: diagnosis and treatment,” *J. Matern. Neonatal Med.*, vol. 33, no. 15, pp. 2671–2678, 2020, doi: 10.1080/14767058.2018.1555804.