

DAFTAR PUSTAKA

- [1] L. Hu et al., "Deep learning-based image evaluation for cervical precancer screening with a smartphone targeting low resource settings – Engineering approach," 2020 42nd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), 2020, pp. 1944-1949.
- [2] Y. Li et al., "Computer-Aided Cervical Cancer Diagnosis Using Time-Lapsed Colposcopic Images," in *IEEE Transactions on Medical Imaging*, vol. 39, no. 11, pp. 3403-3415, Nov. 2020.
- [3] L. Hu et al., "An Observational Study of Deep Learning and Automated Evaluation of Cervical Images for Cancer Screening", *JNCI: Journal of the National Cancer Institute*, Volume 111, Issue 9, pp. 923–932 (2019).
- [4] D. Nurriszka et al., "Klasifikasi Kanker Serviks Melalui Pengolahan Citra Pola Pembuluh Darah Dengan Metode Matched Filter Dan Morphology Operation" Universitas Telkom, S1 Teknik Telekomunikasi, 2021.
- [5] D. B. Patil, M. S. Gaikwad, D. K. Singh and T. S. Vishwanath, "Semi-automated lesion grading in cervix images with Specular Reflection removal," 2016 International Conference on Inventive Computation Technologies (ICICT), 2016, pp. 1-5.
- [6] "Indonesia: Cervical Cancer", *World Health Rankings*, <https://www.worldlifeexpectancy.com/indonesia-cervical-cancer>, diakses pada 26 Oktober 2022.
- [7] Arbyn M, Weiderpass E, Bruni L, et al. Estimates of incidence and mortality of cervical cancer in 2018: a worldwide analysis. *Lancet Glob Heal*. 2020;8(2):e191-e203.
- [8] Cervical Cancer: An NCD We Can Overcome [Internet]. <https://www.who.int/dg/speeches/detail/cervical-cancer-an-ncd-we-can-overcome>. diakses pada 26 Oktober 2022.
- [9] Catarino R, Schäfer S, Vassilakos P, Petignat P, Arbyn M. Accuracy of combinations of visual inspection using acetic acid or lugol iodine to detect cervical precancer: a meta-analysis. *BJOG*. 2018;125(5):545-553.
- [10] Organization WH (2013) WHO guidelines for screening and treatment of precancerous lesions for cervical cancer prevention: supplemental material: GRADE evidence-to-recommendation tables and evidence profiles for each recommendation.

- [11] Lam CT, Mueller J, Asma B, Asiedu M, Krieger MS, Chitalia R, et al. (2018) An integrated strategy for improving contrast, durability, and portability of a Pocket Colposcope for cervical cancer screening and diagnosis. *PLoS ONE* 13(2): e0192530.
- [12] R. Singgih, "Teknik Pemeriksaan Inspeksi Visual Asetat (IVA)," *Alomedika*, [Online]. Available: <https://www.alomedika.com/tindakan-medis/obstetrik-dan-ginekologi/pemeriksaan-inspeksi-visual-asetat/teknik>. [Accessed 19 Agustus 2023].
- [13] "Cervical Cancer," *MedlinePlus*, [Online]. Available: <https://medlineplus.gov/ency/article/000893.htm#:~:text=Cervical%20cancer%20usually%20develops%20slowly,to%20develop%20into%20cervical%20cancer.> [Accessed 19 Agustus 2023].
- [14] Pallavi V and K. Payal. "Automated analysis of cervix images to grade the severity of cancer." In *Engineering in Medicine and Biology Society, EMBC, 2011 Annual International Conference of the IEEE*, pp. 3439-3442.
- [15] Taghavi, K., Rohner, E., Basu, P. et al. Screening test accuracy of portabel devices that can be used to perform colposcope for detecting CIN2+ in low- and middle-income countries: a systematic review and meta-analysis. *BMC Women's Health* 20, 253 (2020).
- [16] R. Barrera et al., "Duke Team Reaches Milestone with Portabel Cervical Cancer Screening Device," *Global Health Institute*, 14 Februari 2017. [Online]. Available: <https://globalhealth.duke.edu/news/duke-team-reaches-milestone-portabel-cervical-cancer-screening-device>. [Accessed 15 Januari 2023].
- [17] Khuong, Cat & Dung, Nguyen & Thanh, Hai & Nguyen, Long & Nguyễn Ngọc Quỳnh, Quỳnh & Huynh, Duc & Tran Van, Tien & Anh, T.. (2022). Rapid and efficient characterization of cervical collagen orientation using linearly polarized colposcopic images. *Journal of Innovative Optical Health Sciences*. 10.1142/S1793545822410012.
- [18] A. Das, A. Kar and D. Bhattacharyya, "Elimination of specular reflection and identification of ROI: The first step in automated detection of Cervical Cancer using Digital Colposcopy," *2011 IEEE International Conference on Imaging Systems and Techniques, Batu Ferringhi, Malaysia, 2011*, pp. 237-241.
- [19] Islam, Rashedul & Rafiqul, Md. (2015). An Image Processing Technique to Calculate Percentage of Disease Affected Pixels of Paddy Leaf. *International Journal of Computer Applications*. 123. 28-34. 10.5120/ijca2015905495.
- [20] V. Gupta et al., "Dynamic illumination based system to remove the glare and improve the quality of medical images," *2013 35th Annual International Conference of the IEEE*

- Engineering in Medicine and Biology Society (EMBC), Osaka, Japan, 2013, pp. 3020-3023, doi: 10.1109/EMBC.2013.6610176.
- [21] R. Bansal, G. Raj and T. Choudhury, "Blur image detection using Laplacian operator and Open-CV," 2016 International Conference System Modeling & Advancement in Research Trends (SMART), Moradabad, India, 2016, pp. 63-67.
- [22] Pueo, Basilio. (2016). High speed cameras for motion analysis in sports science. *Journal of Human Sport and Exercise*. 11. 53-73. 10.14198/jhse.2016.111.05.
- [23] T. Axsom, "Recommended Wall Thickness for 3D Printing," Fictiv, 5 Mei 2022. [Online]. Available: <https://www.fictiv.com/articles/recommended-wall-thickness-for-3d-printing>. [Accessed 11 Juni 2023].
- [24] "OrangePi Zero LTS," OrangePi, [Online]. Available: <http://www.orangepi.org/html/hardWare/computerAndMicrocontrollers/details/Orange-Pi-Zero-LTS.html>. [Accessed 11 Juni 2023].
- [25] "Cross Polarization: What It Is and Why It Matters," PetaPixel, 19 Januari 2021. [Online]. Available: <https://petapixel.com/2021/01/19/cross-polarization-what-it-is-and-why-it-matters/>. [Accessed 10 Juni 2023].