# DAFTAR PUSTAKA


Abdulkareem, N.K., Hajee, S.I., Hassan, F.F., Ibrahim, I.K., Al-Khalidi, R.E.H. and Abdulqader, N.A., (2023). Investigating the slice thickness effect on noise and diagnostic content of single-source multi-slice computerized axial tomography. Journal of Medicine and Life, 16(6), pp.862–867. Available at: https://doi.org/10.25122/jml-2022-0188

Anam, C., Budi, I., Haryanto, F., & Fujibuchi, T. (2022). Automated development of the contrast–detail curve based on statistical low-contrast detectability in CT images. *Journal of Applied Clinical Medical Physics*, 23(9), pp. 1–14. Available at: https://doi.org/10.1002/acm2.13719.

Anam, C., Budi, I., Lasiyah, N., & Fujibuchi, T. (2023a). Automatic *slice thickness* measurement on three types of Catphan CT fantoms. *Biomedical Physics and Engineering Express*, 9(4). Available at: https://doi.org/10.1088/2057-1976/acd785.

Anam, C., Budi, I., Lasiyah, N., & Fujibuchi, T. (2023b). Automatic *slice thickness* measurement on three types of Catphan CT fantoms. *Biomedical Physics and Engineering Express*, 9(4), p. 45017. Available at: https://doi.org/10.1088/2057-1976/acd785.

Anam, C., Amilia, R., Budi, I., Lasiyah, N., & Fujibuchi, T. (2024). A Challenge and Solution for Automatic Thin Slice Thickness Measurements on Images of the Catphan *Fantom*. *Biomedical Physics & Engineering Express*, 10(2), p. 27004. Available at: https://doi.org/10.1088/2057-1976/ad29a5.

Anam, C., Insiano, D. A., Lasiyah, N., & Fujibuchi, T. (2024). Automatic *slice thickness* measurement on computed tomography images of American College of Radiology fantom. *International Journal of Advances in Applied Sciences*, 13(2), pp. 371–379. Available at: https://doi.org/10.11591/ijaas.v13.i2.pp371-379.

BAPETEN (Badan Pengawas Tenaga Nuklir), 2019. Peraturan Kepala BAPETEN Nomor 9 Tahun 2019 tentang Uji Kesesuaian Pesawat Sinar-X Radiologi Diagnostik dan Intervensional. Jakarta: BAPETEN.

Bushberg, J. T., Seibert, J. A., Leidholdt, E. M., & Boone, J. M. (2012). *The essential physics of medical imaging* (3rd ed.). Lippincott Williams & Wilkins.

Bushong, S.C. (2017). Radiologic science for technologists: Physics, biology, and protection. 11th ed. St. Louis, Missouri: Elsevier.

Anam, C., Insiano, D. A., Lasiyah, N., & Fujibuchi, T. (2024). Computed Tomographic Imaging Protocol for the Canine Cervical and Lumbar Spine', *Veterinary Radiology & Ultrasound*. 50(1), pp. 74–79. Available at: https://doi.org/10.1111/j.1740-8261.2008.01493.x.

International Atomic Energy Agency (IAEA), 2012. Quality Assurance Programme for Computed Tomography: Diagnostic and Therapy Applications. IAEA Human Health Series No. 19. Vienna: IAEA. Available at: https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1557_web.

Jeong, J.-H., Lee, H. S., Kim, J., Park, S., Kim, Y. H., & Kim, H. J. (2024). Deep Learning-Based Slice Thickness Reduction for Computer-Aided Detection of Lung Nodules in Thick-Slice CT. *Diagnostics*, 14(22), p. 2558. Available at: https://doi.org/10.3390/diagnostics14222558.

Karius, A. and Bert, C. (2022) 'QAMaster: A New Software Framework for *Fantom*-based Computed Tomography Quality Assurance', *Journal of Applied Clinical Medical Physics*, 23(4). Available at: https://doi.org/10.1002/acm2.13588.

Kim, J. Y., Han, K., Choi, B. W., & Chang, H.-J. (2021). Reliability of Coronary Artery Calcium Severity Assessment on Non-Electrocardiogram-Gated CT: A Meta-Analysis. *Korean Journal of Radiology*, 22(7), p. 1034. Available at: https://doi.org/10.3348/kjr.2020.1047.

Kumar Sahoo, S., Panda, M., Majhi, B., & Das, H. (2023). Self-adaptive moth flame optimizer combined with crossover operator and Fibonacci search strategy for COVID-19 CT image segmentation. *Expert Systems with Applications*, 227, p. 120367. Available at: https://doi.org/10.1016/j.eswa.2023.120367.

Lasiyah, N., Budi, I., Anam, C., & Fujibuchi, T. (2021a). Automated Procedure for Slice Thickness Verification of Computed Tomography Images: Variations of Slice Thickness, Position From Iso-center, and Reconstruction Filter. *Journal of Applied Clinical Medical Physics*, 22(7), pp. 313–321. Available at: https://doi.org/10.1002/acm2.13317.

Lasiyah, N., Anam, C., Budi, I., & Fujibuchi, T. (2021b). Automated Slice Sensitivity Profile Measurement of the CT Image of the AAPM CT Performance *Fantom*: Which Stair Object Should Be Used?. Available at: https://doi.org/10.21203/rs.3.rs-283773/v1.

Liu, Y., Zhang, L. J., Zhang, Z., Wang, J., Yu, C., Wang, X., Wang, H., Lu, G. M., & Li, X. (2013). The Ascending Aortic Image Quality and the Whole Aortic Radiation Dose of High-Pitch Dual-Source CT Angiography. *Journal of Cardiothoracic Surgery*, 8(1). Available at: https://doi.org/10.1186/1749-8090-8-228.

McCollough, C. H., Cody, D. D., Edyvean, S., & McNitt-Gray, M. (2004). The fantom portion of the American College of Radiology (ACR) Computed Tomography (CT) accreditation program: Practical tips, artifact examples, and pitfalls to avoid. *Medical Physics*, 31(9), pp. 2423–2442. Available at: https://doi.org/10.1118/1.1769632.

McCollough, C. H., Primak, A. N., Saba, O., Bruder, H., & Kofler, J. M. (2015). Strategies for reducing radiation dose in CT. *Radiologic Clinics of North America*, *47*(1), 27–40.

Nurhayati, A. Y., Kurniawati, D., & Qurotul, A. (2019). Analisis Variasi Faktor Eksposi Dan Ketebalan Irisan Terhadap CTDI Dan Kualitas Citra Pada Computed Tomography Scan. *Berkala Sainstek*, 7(1), p. 7. Available at: https://doi.org/10.19184/bst.v7i1.9913.

Pham, V.-K. and Pham, T.-L.-K. (2022) 'Root Canal Length Estimated by Cone-Beam Computed Tomography at Different Slice Thicknesses, Dedicated Endodontic Software, or Measured by an Electronic Apex Locator', *Scientific Reports*, 12(1). Available at: https://doi.org/10.1038/s41598-022-10534-z.

Putri, L.G.Y.R., I Putu Eka Juliantara & I Made Purwa Darmita (2023) 'The Effect of Slice Thickness Variation on The Anatomical Information of CT Scan Paranasal Sinus Coronal Section in Clinical Rhinosinusitis', *Jurnal EduHealth*, 14(3), pp. 1376–1381. Available at: https://doi.org/10.54209/jurnaleduhealth.v14i3.2811.

Putri, L.G.Y.R., Juliantara, I.P.E. & Darmita, I.M.P. (2023) 'The Effect of Slice Thickness Variation on the Anatomical Information of CT Scan Paranasal Sinus Coronal Section in Clinical Rhinosinusitis', *Jurnal Eduhealth*, 14(3), pp. 1376–1381. Available at: https://doi.org/10.54209/jurnaleduhealth.v14i3.2811.

Radiologi, J., Wibowo, S., & Nugroho, H. (2016). Kontrol kualitas gambar CT menggunakan fantom American College of Radiology ( ACR ). *Jurnal radiologi*, 47, 1665–1671.

Sartoretti, T., Flohr, T., Fornaro, J., Stolzmann, P., & Martini, K. (2022). Quantum Iterative Reconstruction for Low-Dose Ultra-High-Resolution Photon-Counting Detector CT of the Lung. *Diagnostics*, 12(2), p. 522. Available at: https://doi.org/10.3390/diagnostics12020522.

Seeram, E. (2016). *Computed tomography: Physical principles, clinical applications, and quality control* (4th ed.). Elsevier Health Sciences.

Smith-Bindman, R. (2009) 'Radiation Dose Associated With Common Computed Tomography Examinations and the Associated Lifetime Attributable Risk of Cancer', *Archives of Internal Medicine*, 169(22), p. 2078. Available at: https://doi.org/10.1001/archinternmed.2009.427.

Wang, K., Huang, Y., Jin, K., & Zhang, W. (2017). Automated Detection of Diabetic Retinopathy Lesions on Ultrawidefield Pseudocolour Images. *Acta Ophthalmologica*, 96(2). Available at: https://doi.org/10.1111/aos.13528.

Widyanti, E. R., Suryanto, E., Anam, C., & Budi, I. (2023). An Evaluation of Automated Measurement of Slice Sensitivity Profile of Computed Tomography Image: Field of View Variations. *Indonesian Journal of Electrical Engineering and Computer Science*, 29(3), 1430. Available at: https://doi.org/10.11591/ijeecs.v29.i3.pp1430-1437.

Wu, R., Yang, J., Wu, Q., Wang, D., & Chen, J. (2020). Evaluation of the High Definition Field of View Option of a Large-Bore Computed Tomography

Scanner for Radiation Therapy Simulation. *Physics and Imaging in Radiation Oncology*, 13, 44–49. Available at: https://doi.org/10.1016/j.phro.2020.03.004.