

DAFTAR PUSTAKA

- Abdulkareem, N. K., Hajee, S. I., Hassan, F. F., Ibrahim, I. K., Al-Khalidi, R. E. H., & 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), 862–867. <https://doi.org/10.25122/jml-2022-0188>
- ACR. (2013). *CT ACR 464 Phantom ACR Accreditation Instructions* (hal. 1–14).
- Anam, C., Amilia, R., Naufal, A., Maya, A. T., & Dwihapsari, Y. (2025). the Ct Number Uniformity and Homogeneity: Which Is Better for Detecting the Beam Hardening Artefacts? *Jurnal Teknologi*, 87(2), 253–261. <https://doi.org/10.11113/jurnalteknologi.v87.21985>
- Anam, C., Fujibuchi, T., Budi, W. S., Haryanto, F., & Dougherty, G. (2018). An algorithm for automated modulation transfer function measurement using an edge of a PMMA phantom: Impact of field of view on spatial resolution of CT images. *Journal of Applied Clinical Medical Physics*, 19(6), 244–252. <https://doi.org/10.1002/acm2.12476>
- Anam, C., Naufal, A., Budi, W. S., & Sutanto, H. (2022). *IndoQCT. December*.
- Bushberg, J. T., Seibert, J. A., Leidholdt Jr, E. M., & Boone, J. M. (2012). The Essential Physics of Medical Imaging. In *Radiology* (Vol. 191, Nomor 3). <https://doi.org/10.1148/radiology.191.3.786>
- Bushong, S. c. (2017). *RADIOLOGIC SCIENCE FOR TECHNOLOGISTS: PHYSICS, BIOLOGY, AND PROTECTION* (11 ed.). Elsevier.
- Chun, M., Choi, J. H., Kim, S., Ahn, C., & Kim, J. H. (2022). Fully automated image quality evaluation on patient CT: Multi-vendor and multireconstruction study. *PLoS ONE*, 17(7 July), 1–18. <https://doi.org/10.1371/journal.pone.0271724>
- Fiarka, F., Oktamuliani, S., & Nuraeni, N. (2023). Pengaruh Tegangan terhadap Nilai CTDIvol, Dose Length Product dan Dosis Efektif pada Pemeriksaan Computed Tomography (CT) Abdomen: Studi di Rumah Sakit Umum Pusat Dr. M. Djamil. *Jurnal Fisika Unand*, 12(4), 591–597. <https://doi.org/10.25077/jfu.12.4.591-597.2023>
- Hilts, M., Jirasek, A., & Duzenli, C. (2005). Technical considerations for implementation of x-ray CT polymer gel dosimetry. *Physics in Medicine and Biology*, 50(8), 1727–1745. <https://doi.org/10.1088/0031-9155/50/8/008>
- Hsieh, J. (2009). *Computed Tomography Principles, Design, Artifacts, and Recent Advances* (J. Hsieh (ed.); Second). Wiley Interscience.

- Huda, W., & Brad Abrahams, R. (2015). X-ray-based medical imaging and resolution. *American Journal of Roentgenology*, 204(4), W393–W397. <https://doi.org/10.2214/AJR.14.13126>
- Jung, H. (2021). Basic Physical Principles and Clinical Applications of Computed Tomography. *Progress in Medical Physics*, 32(1), 1–17. <https://doi.org/10.14316/pmp.2021.32.1.1>
- Kharisma, R., Anam, C., Sutanto, H., & Rukmana, D. A. (2024). Effects of Tube Voltage and Phantom Diameter on Noise Inhomogeneity of CT Image. *International Journal of Innovative Science and Research Technology (IJISRT)*, June, 2529–2533. <https://doi.org/10.38124/ijisrt/ijisrt24may2383>
- Kurniawan, A. N., & Soesanti, I. (2010). Evaluasi Nilai Noise Sebelum Dan Sesudah Kalibrasi Sebagai Salah Satu Wujud Kinerja Pesawat CT-Scan. *Jurnal Forum Teknik*, 33(3), 157–165.
- Kusumaningsih, L. P. R., Suryatika, I. B. M., Trisnawati, N. L. P., & Irhas, R. (2023). Pengaruh Slice Thickness terhadap Signal to Noise Ratio (SNR) dari Hasil Penyinaran CT Scan di RSUP Prof. Dr. I.G.N.G Ngoerah. *Kappa Journal*, 7(2), 326–330. <https://doi.org/10.29408/kpj.v7i2.7675>
- Lestari, R., & Heru, N. (2022). Evaluasi Nilai Noise dan Uniformity Citra CT Scan Sebelum dan Setelah Kalibrasi Harian Makalah Penelitian Menyerahkan Diterima Terbit Computed Tomography (CT) Scan merupakan modalitas pencitraan medis yang dapat menampilkan citra tampang lintang tubuh d. *Jurnal Pengawasan Tenaga Nuklir*, 2(1), 6–12.
- Li, K., Tang, J., & Chen, G. H. (2014). Statistical model based iterative reconstruction (MBIR) in clinical CT systems: Experimental assessment of noise performance. *Medical Physics*, 41(4), 1–15. <https://doi.org/10.1118/1.4867863>
- Lubis, A. J. (2020). Pemanfaatan Ct-Scan (Computer Tomography) Dalam Dunia Medis. *Snastikom 2020*, 393–398. www.snastikom.com
- Mansour, Z., Mokhtar, A., Sarhan, A., Ahmed, M. T., & El-Diasty, T. (2016). Quality control of CT image using American College of Radiology (ACR) phantom. *Egyptian Journal of Radiology and Nuclear Medicine*, 47(4), 1665–1671. <https://doi.org/10.1016/j.ejrn.2016.08.016>
- Mekonin, T. S., & Deressu, T. T. (2023). Image quality and radiation dose assessment for the clinically applied 16-slice CT scanner using PMMA phantom and quality assurance phantom. *Egyptian Journal of Radiology and Nuclear Medicine*, 54(1). <https://doi.org/10.1186/s43055-023-01038-5>
- Muhamad, W. K. I., Ngurah Sutapa, G., Gde Antha Kasmawan, I., Irhas, R., Studi Fisika, P., Matematika dan Ilmu Pengetahuan Alam, F., Udayana, U., Bukit Jimbaran, K., Radiologi, I., Jimbaran, R., Kampus Unud No, R., Kuta Selatan,

- K., & Badung, K. (2022). Analisis Pengaruh Field of View (FOV) Terhadap Kualitas Citra Pesawat CT Scan di RSUD Bali Jimbaran. *Desember 2022*, 6(2), 383–389. <http://e-journal.hamzanwadi.ac.id/index.php/kpj/index>
- Primak, A. N., McCollough, C. H., Bruesewitz, M. R., Zhang, J., & Fletcher, J. G. (2006). Relationship between noise, dose, and pitch in cardiac multi-detector row CT. *Radiographics*, 26(6), 1785–1794. <https://doi.org/10.1148/rg.266065063>
- Riyanto, S., Budi, W. S., & Anam, C. (2019). Pengaruh Arus Tabung Terhadap Noise Dan Kontras Citra Pada Pesawat Ct Scan. *Berkala Fisika*, 22(3), 105–109.
- Roa, A. M. A., Andersen, H. K., & Martinsen, A. C. T. (2015). CT image quality over time: Comparison of image quality for six different CT scanners over a six-year period. *Journal of Applied Clinical Medical Physics*, 16(2), 350–365. <https://doi.org/10.1120/jacmp.v16i2.4972>
- Sari, A. W., & Fransiska, E. (2018). Pengaruh Faktor Eksposi dengan Ketebalan Objek pada Pemeriksaan Foto Thorax Terhadap Gambaran Radiografi. *Journal of Health*, 17–21.
- Seeram, E. (2009). Computed Tomography: Physical Principles, Clinical Applications, and Quality Control, 3rd Edition. In *Saunders Elsevier* (third, Vol. 1). saunders elsevier. <http://evolve.elsevier.com/Seeram><http://evolve.elsevier.com/Seeram>
- Seeram, E. (2016). COMPUTED TOMOGRAPHY: Physical principles, Clinical Applications, and Quality Control. In *American Speech* (Fourth, Vol. 15, Nomor 3). Elsevier B.V. <https://doi.org/10.2307/486972>
- Yapanto, L. M., Muzfirah, S., Aras, N. R. M., & Sibua, N. (2023). Analisis Data Statistik. In *Paper Knowledge . Toward a Media History of Documents* (I, Vol. 7, Nomor 2). MPI.