DAFTAR PUSTAKA

Abimanyu, B, Luthfi, R, Taufiq. (2017). Analisis Informasi Citra Anatomi Late Artery dengan Variasi Time Scan Delay pada Pemeriksaan MSCT Abdomen. *JlmeD*, Vol. 3, No.1.

Akhadi, M. (2000). *Dasar-dasar Proteksi Radiasi*. Rineka Cipta, Jakarta

Aroney CN, Aylward P, Kelly AM, Chew DPB, Clune E, Allan RM, et al. (2006). Guidelines for the management of acute coronary syndromes 2006. Vol. 184, *Medical Journal of Australia.* 516–25.

Azhara MF, Dewang S, Astuty SD. (2023). Analisis Modulation Transfer Function (Mtf) dan Contras-to-Noise Ratio (CNR) untuk Optimasi Kualitas Citra CT-Scan. *Berkala Fisika* Vol. 26, No. 1, Januari 2023, Hal. 1-7. ISSN: 1410 – 9662.

Bae, K. T. (2006). *Mesenteric and renal CT angiography.* MDCT: a practical approach, 76-93.

Bae, Kyongtae. (2010). *Intravenous Contrast Medium Administration and Scan Timing at CT : Consideration and Approaches.* Departement of Radiology, University of Pittsburgh School of medicine. http://pubs.rsna.org/doi/abs/10.1148/radiol.10090908.

Bagus YB M, D. Darmini, S. Mulyati. (2020). Analisis Perbedaan Kualitas Citra Dan Informasi Anatomi Pada Pemeriksaan Mri Lumbal Sekuen T2Wi Fast Spin Echo (Fse) Potongan Sagital Dengan Variasi Nilai Time Repetition. *JRI (Jurnal Radiografer Indonesia).* Vol. 3, Hal 5-12.

Bontrager, K. L. (2014). T*extbook of Radiolographic Positioning and Related Anatomy, Eighth Edition.* St. Louis: Mosby Elsevier.

Bushong, S. (2017). *Radiologic Science For Technologist.* Eleven Edition.

Curry III, TS, Dowdey, JE, Murry, RC (1984). *Christensens Introduction to The Physics of Diagnostic Radiology,Third Edition*. Lea and Eigher Philadelphia.

Gideon, S, Taat Guswantoro. (2019). Analisis Luaran Radiasi Perangkat Sinar-X dengan Sumber Tabung Vakum Gammatron 2x2A. *Jurnal EduMatSains*, 3(2) 111- 118.

Goldman, LW, Technol, JNM, (2007). Principles of CT and CT Technology. *Journal of Nuclear Medicine Technology,* 35 (3) 115-128 https://doi.org/10.2967/jnmt.107.042978

Jackson, P. G., & Raiji, M. (2011). Evaluation and management of intestinal obstruction. *American Family Physician*, 83(2), 159–165.

Jain, S. Hirst DG. O. Sullivan JM. (2006). Gold Nano Particles as Novel Agents for Cancer Therapy, *The British Journal of Radiology*, 85 : 101-13.

Kawashima, H., Ichikawa, K., Hanaoka, S., Matsubara, K., & Takata, T. (2018). Relationship Between Size Specific Dose Estimates and Image Quality in Computed Tomography Depending on Patient Size. *Journal of Applied*

Clinical Medical Physics, 19(4), 246–251. https://doi.org/10.1002/acm2.12340

Khan, Faiz M. (2014). *Khan's The Physics of Radiation Therapy. Fifth edition*. Lippincott Williams & Wilkins.

Kim, H., Hong, S., Kim, S., Oh, D., Lee, S., Choen, S., Yoon, J., & Choi, M. (2019). Usefulness of a Saline Chaser to Reduce Contrast Material Dose in Abdominal CT of Normal Dogs. *Journal of Veterinary Science,* 20(4), 4–11. https://doi.org/10.4142/jvs.2019.20.e38

Louk, AC., Suparta. (2014). Quality Measurement of Imaging System of X-ray Digital Radiography. *Berkala MIPA*, 24(2). Universitas Gadjah Mada.

Martin, A., Harbinson SA. (1986). *An Introduction To Radiation Protection. 3rd ed*. London: Chapman and Hall

McGlynn KA, Petrick JL, El-Serag HB. (2021). *Epidemiology of Hepatocellular Carcinoma. Hepatology,* 73 Suppl 1:4-13.

Mihl C, Maas M, Turek J, Seehofnerova A, Leijenaar R, Kok M, et al. (2017). *Contrast Media Administration in Coronary Computed Tomography Angiography – A Systematic Review.* RöFo - Fortschritte auf dem Gebiet der Röntgenstrahlen und der Bildgeb Verfahren.189(04):312–25.

Moore, Keith L. (2002). *Anatomi Klinis Dasar*. Jakarta: Hipokrates.

Moore, Keith L. (2013). *Clinically Oriented Anatomy, Seventh Edition.* Lippincott Williams & Wilkins

Mullan, C. P., Siewert, B., & Eisenberg, R. L. (2012). Small bowel obstruction. *American Journal of Roentgenology*, 198(2), 105–117. https://doi.org/10.2214/AJR.10.4998

Ningtias, D. R., & Suryono, S. (2016). Pengukuran Kualitas Citra Digital Computed Radiography Menggunakan Program Pengolah. *Jurnal Pendidikan Fisika Indonesia*, 12(July), 161–168. https://doi.org/10.15294/jpfi.v12i2.5950

Novianto, Toni Dwi. (2019). *Pengukuran Nilai Porositas Menggunakan Software Image-J*. Yogyakarta, LRMPHP

Podgorsak, E.B. (2005) *Radiation Oncology Physics : A Handbook for Teachers and Stundents*. International Atomic Energy Agency. Austria

Rasad, S. (2005). *Radiologi Diagnostik*. Balai Penerbit Fakultas Kedokteran Universitas Indonesia: Jakarta.

Rasad, S. (2015). *Radiologi Diagnostik*. Fakultas Kedokteran Universitas Indonesia: Rumah Sakit Dr Cipto Mangunkusumo. Jakarta

Rasband, WS. (1997-2015). *ImageJ*. Nasional Institutes of Health, Bethesda, Maryland, USA.

Roan, P P. (2022). Predicting Factors of Mortality Among Patients with Hepatocellular Carcinoma in dr. Soebandi General Hospital in 2018-2020. *Journal of Argomedicine and Medical Sciences*, 8(1): 18-24.

Rodriguez-Molares, A., Rindal, O. M. H., D'hooge, J., Masoy, S.-E., Austeng, A., Lediju Bell, M. A., & Torp, H. (2020). *The Generalized Contrast-to-Noise Ratio: A Formal Definition for Lesion Detectability.* IEEE Transactions on

Ultrasonics, Ferroelectrics, and Frequency Control, 67(4), 745–759. https://doi.org/10.1109/TUFFC.2019.2956855

Rozanah, Budi, W.S, Arifin, Z. (2015). Perbandingan Kualitas Citra CT Scan pada Protokol Dosis Tinggi dan Dosis Rendah untuk Pemeriksaan Kepala Pasien Dewasa dan Anak. Y*oungster Physics Journal* Vol. 4, No. 1, Januari 2015, Hal 117 – 126

Seeram, E. (2001). *Computed Tomography: physical principles, clinical application, and quality control. Second edition*. Philadelphia: WB Saunders Company.

Seeram, E. (2009). Computed Tomography: physical principles, clinical application, and quality control, *Journal of Chemical Information and Modeling. Third Edition.* Elsevier Health Sciences.

Seeram, E. (2010). Computed Tomography: Physical Principles and Recent Technical Advances. *Journal of Medical Imaging and Radiation Sciences* 41 (2010) 87-109.

Seeram, DE (2016). A Textbook Fouth Edition. Vol. 15, American Speech. 310 p.

Simon, AW., Ronald, M., Jules, JG,. (2007). Liver Volumetry Plug and Play: Do It Yourself with ImageJ. *World Juornal of Surgery*, 31:2215–2221 DOI 10.1007/s00268-007-9197-x

Smitius, Robin (2014). *CT Contras Injection and Protocols, Physical Principle, Clinical Application and Quality Control,* second edition. WB Sauder Company : Philadelphia

Sprawls, P. (1995). *The Physical Principles of Medical Imaging 2nd Ed*. (p. 656). Aspen Publishers.

Sproull, RL, Philips WA. (2015). *Modern Physics, The Quantum Physics Of Atom, Solid And Nuclei. 3rd edition*. New York: Denver Publication Inc.

Strauss, Lourens J. (2012). Image Quality Dependence on Image Processing Software in Computed Radiography. Department of Medical Physics: University of The Free State, Bloemfontein. *Journal Of Radiology*-June 2012. S Afr J Rad 2012: 16 (2): 44-48.

Sung H, Ferlay J, Siegel RL, Laversanne M, Soerjomataram I, Jemal A, et al.(2021). *Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries.* CA Cancer J Clin. 2021;71(3):209-49.

Sutikno, K. Firdausy, dan E.Prasetyo. (2007). *Perangkat Lunak Perbaikan Kualitas Citra Digital Model RGB dan HIS Dengan Operasi Peningkatan Kontras.* Jakarta, SNATL.

Tatsugami, Fuminari, Matsuki, M., Inada, Y., Nakai, G., Tanikake, M., Yoshikawa, S., & Narabayashi, I. (2007). Usefulness of Saline Pushing in Reduction of Contrast Material Dose in Abdominal CT: Evaluation of Time–Density Curve for The Aorta, Portal Vein and Liver. *The British Journal of Radiology,* 80(952), 231-234

Villanueva, A. (2019). Hepatocellular carcinoma. *The New England Journal of Medicine,* 380(15). Editor D. L. Longo. New York: Massachusetts Medical Society. https://doi.org/10.1056/NEJMra1713263

Waller LP, Deshpande V, Pyrsopoulos N. (2015) Hepatocellular carcinoma: a comprehensive review. *World Journal Hepatol*. 7(26):2648-63

Wang, Xiaohui., Luo, Hui,. 2013 *Automated quantification of digital radiographic image quality.* Grant. US8571290B2

Washio H, S. Ohira, N. Kanayama, K. Wada, T. Karino, R. Komiyama, M. Miyazaki, T. Teshima. (2019). Effect of A Saline Flush Technique for Head and Neck Imaging in Dual-Energy CT: Improvement of Image Quality and Perivenous Artefact Reduction Using Virtual Monochromatic Imaging. *Clinical Radiology*, 74(10), 805-812.

World Health Organization Internasional Agency for Research on Cancer (IARC). (2019). GLOBOCAN 2018: *estimated liver cancer incidence, mortality and prevalence worldwide in 2018*.

Zelviani, S. (2017). Kualitas Citra pada Direct Digital Radiography dan Computed Radiography. *Jurnal Teknosains*, Vol. 11, No 1, hlm. 59 – 62