

REFERENCES

- Abdulla, S. (2020). CT Equipment. Retrieved from <https://www.radiologycafe.com/radiology-trainees/frcr-physics-notes/ct-equipment>
- Adisurya, M. C. D. (2015). *Radiation Dose Measurement From Computed Tomography Scanner On Thorax and Abdomen Using Thermoluminescent Dosemeter (TLD)*. Swiss German University.
- Athira, N. (2015). *EFEK FILTERISASI ARTEFAK PADA CITRA COMPUTED TOMOGRAPHY (CT) FANTOM KEPALA*. Retrieved from <https://fdokumen.com/document/jurnal-athira-1.html>
- Bushong, S. (2012). *Radiologic Science for Technologists*. Retrieved from <https://www.elsevier.com/books/radiologic-science-for-technologists/unknown/978-0-323-08135-1>
- CDC. (2015). What is Radiation? Retrieved from https://www.cdc.gov/nceh/radiation/what_is.html
- Connor, N. (2019a). What is Thermoluminescent Dosimeter – TLD – Definition. Retrieved from <https://www.radiation-dosimetry.org/what-is-thermoluminescent-dosimeter-tld-definition/>
- Connor, N. (2019b). What is Type of Radiation Dosimeters – Definition. Retrieved from <https://www.personal-dosimeter.com/what-is-type-of-radiation-dosimeters-definition/>
- Dexiana, D. H. (2013). *Radiation Dose Measurement on Computed Tomography Scanner Using Thermoluminescent Dosemeter*. Swiss German University.

Djaja, N. R. (2016). *Radiation Dose Measurement from Computed Tomography Scanner on Head and Abdomen using Thermoluminescent Dosemeter (TLD)*. Swiss German University.

Dth, Y. (2020). Exp1.X-ray Attenuation Coefficient. Retrieved December 17, 2020, from <https://www.scribd.com/document/445117822/Exp1-X-ray-Attenuation-Coefficient>

fda. (2009). Reducing Radiation from Medical X-rays. Retrieved from <https://www.fda.gov/consumers/consumer-updates/reducing-radiation-medical-x-rays>

Goldman, L. W. (2008). Principles of CT: multislice CT. *Journal of Nuclear Medicine Technology*, 36. <https://doi.org/10.2967/jnmt.107.044826>

GREY, G. K. W. and M. L. (2016). Computed Tomography. Retrieved December 17, 2020, from <https://radiologykey.com/computed-tomography-8/>

Guide, S. (2002). *Radiological Protection for Medical Exposure to Ionizing Radiation*. Retrieved from https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1117_scr.pdf

Gutjahr, R., Halaweish, A. F., Yu, Z., Leng, S., Yu, L., Li, Z., ... McCollough, C. H. (2016). Human Imaging With Photon Counting-Based Computed Tomography at Clinical Dose Levels: Contrast-to-Noise Ratio and Cadaver Studies. *Investigative Radiology*, 51(7), 421–429. <https://doi.org/10.1097/RLI.0000000000000251>

Healthineers, S. (2016). Computed tomography (CT). Retrieved from <http://www.medicalradiation.com/service/about-us/>

Inc, R. S. D. (2018). The Alderson Radiation Therapy Phantom. Retrieved from

<http://rsdphantoms.com/radiation-therapy/the-alderson-radiation-therapy-phantom/>

J Anthony Seibert, J. M. B. (2005). *X-ray imaging physics for nuclear medicine technologists. Part 2: X-ray interactions and image formation*. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/15731015/>

Lalondrelle, S., Sohaib, S. A., Castellano, I. A., Mears, D., Huddart, R., & Khoo, V. (2012). Investigating the relationship between virtual cystoscopy image quality and CT slice thickness. *The British Journal of Radiology*, 85(1016), 1112–1117. <https://doi.org/10.1259/bjr/99567374>

Loubele, M., Jacobs, R., Maes, F., Schutyser, F., Debaveye, D., Bogaerts, R., ... Suetens, P. (2005). Radiation dose vs. image quality for low-dose CT protocols of the head for maxillofacial surgery and oral implant planning. *Radiation Protection Dosimetry*, 117(1–3), 211–216. <https://doi.org/10.1093/rpd/nci749>

Maqbool, M. (2017). *Computed Tomography BT - An Introduction to Medical Physics* (M. Maqbool, Ed.). https://doi.org/10.1007/978-3-319-61540-0_8

McKetty, M. H. (1998). *The AAPM/RSNA physics tutorial for residents. X-ray attenuation*. <https://doi.org/10.1148/radiographics.18.1.9460114>

McNitt- Gray, M. F., Cagnon, C. H., Solberg, T. D., & Chetty, I. (1999). *Radiation dose in Spiral CT: The relative effects of collimation and pitch*. Retrieved from <https://aapm.onlinelibrary.wiley.com/doi/abs/10.1118/1.598532>

Melissa Conrad Stöppler, M. (2020). CT Scan (Computerized Tomography, CAT Scan). Retrieved from https://www.medicinenet.com/cat_scan/article.htm#what_is_a_ct_scan

National Cancer Institute. (2015). What Is Cancer? Retrieved from
<https://www.cancer.gov/about-cancer/understanding/what-is-cancer>

Nelson, R. C. (2004). Computed tomography. Retrieved August 18, 2020, from
Applied Radiology website: <https://radiologykey.com/computed-tomography-8/>

NHS. (2018). CT scan. Retrieved from <https://www.nhs.uk/conditions/ct-scan/>

NIST. (2019). What Are Imaging Phantoms. Retrieved January 1, 2021, from
National Institute of Standard and Technology website:
<https://www.nist.gov/topics/physics/what-are-imaging-phantoms>.

Papp, J. (2006). *Quality Management in the Imaging Sciences*. Retrieved from
<https://www.bookdepository.com/Quality-Management-Imaging-Sciences-Jeffrey-Papp/9780323035675>

Photo-Electric Emission, T. E. and P. E. (From the P. of V. of D. E. C. (1927).
*Photo-Electric Emission, Thermionic Emission and Peltier Effect: (From the
Point of View of Dual Electric Conduction)*. Retrieved from
<https://pubmed.ncbi.nlm.nih.gov/16577035/>

Purwatiningsi, H. E. P. (2016). Analisis Sebaran Radiasi Hambur CT Scan 128
Slice terhadap Pemeriksaan CT Brain. *Journal of Sainstek*, 50–55. Retrieved
from <https://media.neliti.com/media/publications/130724-ID-none.pdf>

Rogalla, P., Kloeters, C., & Hein, P. A. (2009). CT Technology Overview: 64-
Slice and Beyond. *Radiologic Clinics of North America*, 47(1), 1–11.
<https://doi.org/https://doi.org/10.1016/j.rcl.2008.10.004>

Rycke, L. M. De. (2007). *Correlative computed tomography, magnetic resonance
imaging and cross-sectional anatomy of selected regions of the canine body*

(Ghent University). Retrieved from

https://www.researchgate.net/publication/292335186_Correlative_computed_tomography_magnetic_resonance_imaging_and_cross-sectional_anatomy_of_selected_regions_of_the_canine_body

S Mori , M Endo, K Nishizawa, K Murase, H Fujiwara, S. T. (2006). Comparison of patient doses in 256-slice CT and 16-slice CT scanners. *Br J Radiol*, 56–61. <https://doi.org/10.1259/bjr/39775216>

Saefudin, Tatan, {et.all}. (2014). *Pengukuran Volume Pendarahan Otak Pasien Stroke Haemoragik menggunakan modalitas Multislice CT Scan*. Retrieved from https://perpus.poltekkesjkt2.ac.id/respoj/index.php?p=show_detail&id=1596

Saini, S. (2004). Multi–Detector Row CT: Principles and Practice for Abdominal Applications. *RSNA*, 233. Retrieved from <https://pubs.rsna.org/doi/abs/10.1148/radiol.2332030994>

Seibert, J. A. (1997). *The AAPM/RSNA physics tutorial for residents. X-ray generators*. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/9397462/>

Smith, A. B., Dillon, W. P., Gould, R., & Wintermark, M. (2007). Radiation dose-reduction strategies for neuroradiology CT protocols. *American Journal of Neuroradiology*, 28(9), 1628–1632.

WebMd. (2020). What Is CT Scan? Retrieved from

<https://www.webmd.com/cancer/what-is-a-ct-scan#2>

Yoichi Watanabe, C. C. (2006). *Phantom Materials in Radiology*. Retrieved from https://www.researchgate.net/publication/277699384_Phantom_Materials_in_Radiology