

DAFTAR PUSTAKA

- Akhadi, M. (2000). *Dasar-Dasar Proteksi Radiasi*. Jakarta: Rineka Cipta.
- Alsafi, Khalid. (2016). *Radiation Protection in X-Ray Computed Tomography: Literature Review*. Department Of Radiology. Medical Physics Unit, King Abdul Aziz University, P.O. Box 80215, Jaddah 21589, Saudi Arabia.
- Anam, C. (2011). Kajian Spektrum Sinar-X 6 MV Menggunakan Simulasi Monte Carlo. *Berkala Fisika*, 49-54.
- A. P. Utami, D. A. Mulyani, A. N. Istiqomah. (2019). *Pengaruh Variasi Arus Tabung Terhadap Kualitas Citra Dan Dosis Radiasi Pada Pesawat Sinar-X High Generator*. Tesis Universitas A'isyiyah Yogyakarta.
- Badiklat BAPETEN. (2018). *Pelatihan Uji Kesesuaian Pesawat sinar-X*. Jakarta: BAPETEN.
- BAPETEN. (2016). *Pedoman Teknis Penyusunan Tingkat Panduan Diagnostik atau Diagnostic Reference Level (DRL) Nasional*. Jakarta: BAPETEN.
- BATAN. (2013). *Petugas Proteksi Radiasi Medik Tingkat 2 dan Tingkat 3*. Pusat Pendidikan dan Pelatihan Badan Tenaga Nuklir Nasional.
- Bushong, Stewart Carlyle. (2013). *Tenth Edition Radiologic Science for Technologists Physics, Biology, and Protection*. Texas: Professor of Radiologic Science Baylor College o Medicine US of America.
- Fosbinder, Robert. (2010). *Essentials of Radiologic Science Book*. Two Commerce Square 2001 Market Street Philadelphia, Pennsylvania 19103.
- Furuta, T. S. (2017). Implementation of Tetrahedral-mesh Geometry in Monte Carlo Radiation Transport Code *PHITS*. *Physics in Medicine and Biology*.
- Goodsitt, M. M., Christodoulou, E. G., & Larson, S. C. (2011). Accuracies of the synthesized monochromatic CT numbers and effective atomic numbers obtained with a rapid kVp switching dual energy CT scanner. *Medical physics*, 38(4), 2222- 2232.
- Hendee, William R. (2002). *Medical Imaging Physics Fourth Edition*. New York: John Wiley&Sons, Inc., Publication
- Hiswara, E. (1991). *Pokok-Pokok Dosimetri*. Jakarta: BATAN.

- Hiswara, E., & Kartikasari, D. (2015). *Dosis Pasien pada Pemeriksaan Rutin Sinar-X Radiologi Diagnostik*. Jurnal Sains Dan Teknologi Nuklir Indonesia, 16(1411–3481), 71–84.
- Khan, Faiz M. (2014). *The Physics of Radiation Therapy*. 5th edition. Philadelphia: Lippincott Williams & Wilkins.
- Latifah et al. (2019). *Penentuan Local Diagnostic Reference Level (LDRL) Pasien Pediatrik pada Pemeriksaan CT Scan Kepala Berdasarkan Nilai Size Specific Dose Estimates (SSDE)*. Journal of Vocational Health Studies. 2: 127–133.ngk
- Niita, K, Tatsuhiko Sato, Yosuke Iwamoto, Shintaro Hashimoto, Tatsuhiko Ogawa, Takuya Furuta, Shinichiro Abe, Takeshi Kai, Norihiro Matsuda, Yusuke Matsuya, Hunter Ratliff, Lan Yao, Pi-En Tsai, Hiroshi Iwase, Nobuhiro Shigyo, dan Lembit Sihwer. (2020). *User's Manual PHITS Ver.3.22*.
- Peraturan Kepala BAPETEN Nomor 9 Tahun 2011. (2011). *Uji Kesesuaian Pesawat Sinar-X Radiologi Diagnostik dan Intervensional*. Jakarta.
- Podgorsak, E. B. (2005). *Radiation Onco-logy Physics: A Handbook For Teacher and Student*. Vienna: International Atomic Energy Agency.
- Powsner. (2006). *Essential Nuclear Medicine Physics (2nd ed.)*. Massachusets: Blacwell Publishing.
- Puchalska, M. & Sihver, L. (2015). *PHITS simulation sof absorbed dose out - offield and neutron energy spectra for ELEKTA SL25 medical linear accelerator*. Physics in Medicine & Biology.
- Rahmah W. (2009). *Perancangan Chest Phantom untuk Kalibrasi Dosis Serap Radiasi Sinar-X pada Chest Pa Photo Diagnostic dengan Metode Entrance Skin Exposure (ESE)*. Sarjana Thesis, Universitas Brawijaya.
- Saputra, D. (2013). *Simulasi Rontgen Thorax Berbasis Android sebagai Media Edukasi*, Jurnal Telematika, Vol.6, No.2.
- Sato, Tatsuhiko, Yosuke Iwamoto, Shintaro Hasimoto, Tatsuhiko Ogawa, Takuya Furuta, Shin-ichiro Abe, Takeshi Kai, Pi-En Tsai, Norihiro Matsuda, Hiroshi Iwase, Nobuhiro Shigyo, Lembit Sihver, dan Koji Niita. (2018).

Features of particle and heavy ion transport code system (PHITS) version3.02. Journal of Nuclear Science and Technology.

Soderberg, M. (2018). *Automatic Exposure Control in CT: An Investigation Between Different ManufaCTures Considering Radiation Dose and Image Quality*. Swedia: Lund University.

Suyatno, Fery. (2008). *Aplikasi Radiasi Sinar-Xdi Bidang Kedokteran Untuk Menunjang Kesehatan*. Yogyakarta: Seminar Nasional IV SDM Teknologi Nuklir.

Tsapaki, V., dan M Rehani. (2007). *Dose Management in ct facility. Biomedical imaging and Interventational Journal*. 3(2):e43.

