

DAFTAR PUSTAKA

- Akhadi, M. (2000). *Dasar-Dasar Proteksi Radiasi*. Jakarta: Rineka Cipta.
- Akhadi, M. (2006). Analisis Unsur Kelumit Melalui Pancaran Sinar-X Karakteristik. *Iptek Ilmiah Populer*, 11-19.
- Akhadi, M. (2020). *Sinar-X Menjawab Masalah Kesehatan*. Yogyakarta: Deepublish.
- Andisco, D., Blanco, S., & Buzzi, A. (2014). Dosimetry in Radiology. *Radioprotection*, 114-117.
- Arismunandar, S. (2002). Struktur dan Segi-segi Keselamatan Linac Medik. *Prosiding Seminar ke-7 Teknologi dan Keselamatan PLTN serta Fasilitas Nuklir* (pp. 378-388). Bandung: BATAN.
- Ashby, M. F., & Jones, D. R. (2013). *Engineering 2*. Oxford: Pergamon Press.
- Astra, I. M., & Sugihartono, I. (2017). *Pengantar Fisika Zat Padat (Edisi 2)*. Tangerang: Universitas terbuka.
- BATAN. (2008). *Ensiklopedia Teknologi Nuklir*. Retrieved November 27, 2021, from BATAN Homepage: <https://www.batan.go.id/ensiklopedi/08/01/02/03/08-01-02-03.html>
- Biersack, H. J., & Freeman, L. M. (2007). *Clinical Nuclear Medicine*. Berlin: Springer.
- Darmawati, & Suharni, I. (2012, November). Implementasi Linear Accelerator dalam Penanganan Kasus Kanker. *Prosiding Pertemuan dan Presentasi Ilmiah Teknologi Akselerator dan Aplikasinya, 14*, 36-47. Retrieved Oktober 13, 2021, from <http://digilib.batan.go.id/ppin/katalog/file/1411-1349-2012-036.pdf>
- Darmawati, & Suharni, I. (2012). Implementasi Linear Accelerator dalam Penanganan Kasus Kanker. *Prosiding Pertemuan dan Presentasi Ilmiah Teknologi Akselerator dan Aplikasinya*, 36-47.
- Davis, J. (2001). Aluminium and Aluminium Alloys. *Alloying : Understanding the Basics*, 351-416.
- Efendi, M. A., Funsian, A., Chittrakarn, T., & Bhongsuwan, T. (2020). Monte Carlo Simulation using PRIMO Code as a tool for Checking Credibility of

- Commissioning and Quality Assurance of 6 MV TrueBeam STx varian LINAC. *Reports of Practical Oncology and Radiotherapy*, 25, 125.
- Furuta, T. S. (2017). Implementation of tetrahedral-mesh geometry in Monte Carlo radiation transport code PHITS. *Physics in Medicine and Biology*, 4798-4810.
- Furuta, T. S. (2017). Implementation of Tetrahedral-mesh Geometry in Monte Carlo Radiation Transport Code PHITS. *Physics in Medicine and Biology*, 4798-4810.
- Furuta, T., & Sato, T. (2021). Medical Application of Particle and Heavy Ion Transport Code System PHITS. *Radiological Physics and Technology*.
- Goaz, P., & Pharoah, M. (2017). *Productions of X-rays and Interactions of X-rays with Matter*. New York: Columbia University.
- Greene, D., & Williams, P. C. (2017). *Linear Accelerators for Radiation Therapy : Second Edition*. Florida: CRC Press.
- Hamouda, S. A. (2017). Compton Scattering : A Theory and Experiments. *International Journal of Geology, Agriculture and Environmental Sciences*, 20-27.
- IAEA. (2006). *Absorbed Dose Determination In External Beam Radiotherapy; An International Code Of Practice For Dosimetry Based On Standards Of Absorbed Dose To Water, Technical Report Series No. 398*. Vienna: International Atomic Energy Agency.
- Jones, J. (2021, September 20). *Radiopaedia*. Retrieved from Filters: <https://radiopaedia.org/articles/filters>
- Khan, F. M. (2014). *Physics of Radiation Therapy* (5th ed.). Philadelphia, PA 19103 USA: LIPPINCOTT WILLIAMS & WILKINS.
- Kunović, I. (2015, Januari 12). Linear Particle Accelerator (LINAC). Retrieved Oktober 10, 2021, from https://www.fer.unizg.hr/_download/repository/LINAC.pdf
- Lee, C. S., Yoo, M. J., & Yum, H. Y. (1997). Reduction of Electron Contamination Using a Filter for 6 MV Photon Beam. *Korean Soc Ther Radiol Oncol*.

- Litasova, S., Hidayanto, E., & Azam, M. (2018). Pengaruh ketebalan dan kombinasi jenis filter terhadap nilai Entrance Skin Exposure (ESE) menggunakan factor eksposi pemeriksaan kepala. *Youngster Physics Journal*, 67-75.
- Motohiro, U., Takahiro, W., & Tomoko, S. (2015). Applications of X-ray Fluorescence Analysis to dental and medical specimens. *Japanese Dental Science Review*, 2-9.
- Noerwasana, A. D. (2010). *Analisis Sebaran Radiasi Hambur dari Pasien pada Pesawat Fluoroskopi dengan Metode Monte Carlo dan Pengukuran*. Depok: Universitas Indonesia.
- Nurman, R., & Bambang, S. (2007). Kalibrasi Keluaran Berkas Elektron Pesawat Percepat Linear Medik Clinac 2100 No. Seri 1402 di Rumah Sakit Umum Pusat Dr. Sutomo Surabaya. *Prosiding dan Presentasi Ilmiah Fungsional Pengembangan Teknologi Nuklir I*.
- Permatasari, I. D. (2019). Monte Carlo Simulation of X-Ray Spectra Produced by Linac. *9th International Conference oh Physics and Its Applications (ICOPIA)*, 1.
- Permatasari, N. E. (2021). *Penurunan Energi Sinar-X*. Purwokerto: Universitas Jenderal Soedirman.
- Podgorsak, E. (2003). *Radiation Oncology Physics : A Handbook for Teachers and Students*. Vienna: IAEA.
- Silver, L., Sato, K., Matsuda, N., Iwamoto, Y., Hashimoto, S., & Iwase, H. (2012). CERN-Proceedings. *PHITS - Applications to Radiation Biology and Radiotherapy*.
- Sprawls, P. (1995). *The Physical Principles of Medical Imaging 2nd Ed*. Retrieved from <http://www.sprawls.org/resources/>
- Susetyo, W. (1988). *Spektrometri Gamma dan Penerapannya dalam Analisis Pengaktifan Neutron*. Yogyakarta: Gama Press.
- Wahyanti, A. M., Suharyana, & Riyatun. (2018). Simulasi Unjuk Kerja Filter Aluminium pada Pesawat Sinar-X Diagnostik Menggunakan Software MCNP6. *Prosiding Pertemuan dan Presentasi Ilmiah Penelitian Dasar Ilmu Pengetahuan dan Teknologi Nuklir*, 331-336.

Wibowo, A., Susanto, E., Masrochah, S., Kartikasari, Y., Indrati, R., & Darmini.
(2014). *Materi Diklat Petugas Proteksi Radiasi*. Poltekkes Semarang.

