

DAFTAR PUSTAKA

- Adam, F., and Gondhowiardjo, S. A., 2014, Verifikasi Geometri Radioterapi Teknik 3DCRT/IMRT Pada Kasus Kanker Kepala dan Leher di Departemen Radioterapi RSCM, *Radioterapi & Onkologi Indonesia*, Vol. 5, No. 1.
- Amaoui, B., Hadaoui, A., Mouhssine, D., and Semghouli, S., 2020, Evaluation of setup errors in conformal radiotherapy for pelvic tumours: Case of the Regional Center of Oncology, Agadir, *Radiation Medicine and Protection*, Vol. 1, No. 2, hal. 99–102.
- Ariani, N., 2014, Penentuan kesalahan sistematik dan acak untuk mendapatkan margin PTV pada radioterapi kanker serviks uterus di RSCM, *Tesis*, Universitas Indonesia.
- BAPETEN, 2013, Prosiding Seminar Keselamatan dan Pengawasan Instalasi dan Bahan Nuklir (Reaktor Daya, Reaktor Riset, Penambangan Bahan Nuklir, Pengelolaan Limbah Radioaktif, Introduksi PLTN) dan Keamanan Instalasi dan Bahan Bakar Nuklir 8, hal. 263–275.
- Barrett, A., Morris, S., Dobbs, J., and Roques, T., 2009, *Practical radiotherapy planning* CRC Press.
- Beyzadeoglu, M., Ozyigit, G., and Ebruli, C., 2010, *Basic radiation oncology* (Vol. 71) Springer.
- Budiyono, A., 2013, Registrasi Citra Digitally Reconstructed Radiographs (DRR) Terhadap Citra Electronic Portal Imaging Devices (EPID) Untuk Verifikasi Posisi Pasien Secara Otomatis Dalam Pengobatan Radioterapi, *Skripsi*, Universitas Hasanuddin.
- Constantin, M., Perl, J., LoSasso, T., Salop, A., Whittum, D., Narula, A., Svatos, M., and Keall, P. J., 2011, Modeling the truebeam linac using a CAD to Geant4 geometry implementation: dose and IAEA-compliant phase space calculations., *Medical Physics*, Vol. 38, No. 7, hal. 4018–4024.
- Donaldson, S. L., 2008, The Royal College of Radiologists: Society and College of Radiographers, In *The Royal College of Radiologists*, Institute of Physics and Engineering in Medicine.

- Du, T., Xiao, J., Qiu, Z., and Wu, K., 2019, The effectiveness of intensity-modulated radiation therapy versus 2D-RT for the treatment of nasopharyngeal carcinoma: A systematic review and meta-analysis, *PLoS ONE*, Vol. 14, No. 7.
- Faustina, F. D., 2019, Identifikasi Pola Kerapuhan Tulang Berdasarkan Fitur Tekstur Citra Dental Panaromic Radiograph (DPR) Menggunakan Gray Level Run Length Matrix (GLRLM) dan Support Vector Machine (SVM), *Skripsi*, Universitas Islam Negeri Sunan Ampel.
- Halperin, E. C., Brady, L. W., Perez, C. A., and Wazer, D. E., 2013, *Perez & Brady's principles and practice of radiation oncology* Lippincott Williams & Wilkins.
- ICRU, 1993, ICRU Report 50: Prescribing, recording, and reporting photon beam therapy, In *Bethesda, MD: International Commission on Radiation Units and Measurements*.
- ICRU, 1999, *International Commission on Radiation Units and Measurements No. 62*.
- Iqbal S, M., 2022, Verifikasi Dosis Penyinaran Teknik Intensity Modulated Radiotherapy (IMRT) Pada Pasien Kanker Serviks Menggunakan Electronic Portal Imaging Device (EPID), *Skripsi*, Universitas Andalas.
- Isnaini, Z., 2021, Penentuan Margin PTV Radioterapi Teknik IMRT Kasus Kanker Nasofaring Di RSUD Provinsi NTB, *Skripsi*, Universitas Mataram.
- Kemenkes, 2019, Keputusan menteri kesehatan republik indonesia, *Kementerian Kesehatan RI* (Vol. 1, Issue 1).
- Khan, F. M., Sperduto, P. W., and Gibbons, J. P., 2021, *Khan's Treatment Planning in Radiation Oncology*: Lippincott Williams & Wilkins.
- Kron, T., 2008, Reduction of margins in external beam radiotherapy, *Journal of Medical Physics/Association of Medical Physicists of India*, Vol. 33, No. 2, hal. 41.
- Lee, N. Y., Leeman, J. E., Cahlon, O., Sine, K., Jiang, G., Lu, J. J., and Both, S., 2018, Target volume delineation and treatment planning for particle therapy, *Cham, Switzerland: Springer*.

- Lee, Y. S., Kim, K. J., Ahn, S. Do, Choi, E. K., Kim, J. H., Lee, S., Song, S. Y., Yoon, S. M., Kim, Y. S., and Park, J., 2013, The application of PET-CT to post-mastectomy regional radiation therapy using a deformable image registration, *Radiation Oncology*, Vol. 8, No. 1, hal. 1–10.
- Mayles, P., Nahum, A., and Rosenwald, J. C., 2007, Handbook of radiotherapy physics: Theory and practice, In *Handbook of Radiotherapy Physics: Theory and Practice*, CRC Press.
- Mutmainnah, S., 2022, *Menentukan Margin untuk Planning Target Volume (PTV) pada Radioterapi Pasien Kanker Serviks Menggunakan Kesalahan Sistematik dan Acak*, Universitas Indonesia.
- Noghreian, V. V., Nasseri, S., Anvari, K., Naji, M., and Momennezhad, M., 2020, Evaluation of set-up errors and determination of set-up margin in pelvic radiotherapy by electronic portal imaging device (EPID), *Journal of Radiotherapy in Practice*, Vol. 19, No. 2, hal. 150–156.
- Podgorsak, E. B., 2005, *Radiation Oncology Physics: A Handbook for Teachers and Students*.
- Salsabila, A., 2022, Penentuan Kesalahan Sistematik dan Acak untuk Mendapatkan Margin untuk PTV pada Radioterapi Kanker Payudara dengan Teknik IMRT, *Skripsi*, Universitas Indonesia.
- Stroom, J. C., and Heijmen, B. J. M., 2002, Geometrical uncertainties, radiotherapy planning margins, and the ICRU-62 report, *Radiotherapy and Oncology*, Vol. 64, No. 1, hal. 75–83.
- Sun, R., Mazeron, R., Chargari, C., and Barillot, I., 2016, CTV to PTV in cervical cancer: From static margins to adaptive radiotherapy, *Cancer/Radiothérapie*, Vol. 20, No. 6–7, hal. 622–628.
- Susworo, 2007, *Radioterapi : Dasar-dasar Radioterapi Tata Laksana Radioterapi Penyakit Kanker*, Penerbit Universitas Indonesia.
- Van Herk, M., 2004, Errors and margins in radiotherapy, *Seminars in Radiation Oncology*, Vol. 14, No. 1, hal. 52–64.
- Webb, S., 2015, *Intensity-modulated radiation therapy* CRC Press.

Yim, J., Suttie, C., Bromley, R., Morgia, M., and Lamoury, G., 2015, Intensity modulated radiotherapy and 3D conformal radiotherapy for whole breast irradiation: a comparative dosimetric study and introduction of a novel qualitative index for plan evaluation, the normal tissue index, *Journal of Medical Radiation Sciences*, Vol. 62, No. 3, hal. 184–191.

Zhang, J., Peng, Y., Ding, S., Zhu, J., Liu, Y., Chen, M., Sun, W., Zhou, L., and Deng, X., 2020, Comparison of different combinations of irradiation mode and jaw width in helical tomotherapy for nasopharyngeal carcinoma, *Frontiers in Oncology*, Vol. 10, hal. 598.

NIH, 2021, *Cancer Biology* National Institutes of Health. <https://irp.nih.gov/our-research/scientific-focus-areas/cancer-biology#:~:text=Cancer%25describes%25an%25enormous%25spectrum,tissue%25C%25or%25organ%25of%25origin>.

