

DAFTAR PUSTAKA

- Aisyah, S., C, C. C. Carina, T, Nazara., G, Sekartaji., A, Nainggolan., dan Endarko, 2020, A Comparative Study of Dosimetric Characterization of Bolus Based on Natural Rubber (*Hevea Brasiliensis*) and Clinical Bolus for Therapy with Megavolt Electron Radiation, *Journal of Physics*, Vol. 1505, No. 1, Conference Series, hal. 1-7.
- Aras, S., Tanzer, I. O., dan Ikizceli, T., 2020, Dosimetric Comparison of Superlab and Specially Prepared Bolus Materials Used in Radiotherapy Practice, *European Journal of Breast Health*, Vol. 16, No. 3, hal. 167– 170.
- Chantika, L., Hanif, V. F., Defira, E., Oktamuliani, S., Muttaqin, A., dan Ilyas, M., 2022, Comparison of Absorbed Dose in Plasticine Bolus and Silicone Rubber Bolus, *Journal of Physics Theories and Applications*, Vol. 6 No. 1, Universitas Sebelas Maret, hal. 25-33.
- Carina, C. C. C., G, Sekartaji., S, Aisyah., T, Nazara., A, Nainggolan., dan Endarko, 2020, Evaluation of Dosimetric Characterization of Homemade Bolus for Radiation Therapy, *Journal of Physics*, Vol. 1505, No. 1, Conference Series, hal. 1-7.
- Endarko, E., Aisyah, S., Carina, C. C. C., Nazara, T., Sekartaji, G., dan Nainggolan, A., 2020, Evaluation of Dosimetric Properties of Handmade Bolus for Megavoltage Electron and Photon Radiation Therapy, *J Biomed Phys Eng*, Vol. 11, No. 6, hal. 735-746.
- Guswantoro, T., Supratman, A. S. dan Asih, I. S., 2020, Karakterisasi Alginat Sebagai Bahan Setara Dengan Jaringan Lunak Untuk Radioterapi, *Jurnal EduMatSains*, Vol. 4, No. 2, hal. 125–138.
- Khan, F.M. dan John P. G., 2014, *The Physics of Radiation Therapy*, Edisi 5, Lippincott Williams and Wilkins, Philadelphia.
- Kirkpatrick, J. P., Demehri, F. R., Johnston, S. R., Stalnecker, A.M., dan Cooney, T. M., 2008, *Bolus Material For Radiation Therapy and Methods Of Making and The Same*, Durham.
- Mayles, P. Nahum, A. dan Rosenwald, J.C., 2007, *Handbook Of Radiotherapy Physics Theory And Practice*, Taylor and Francis Group, New York.
- Ningsih, D. Y., Adrial, R., dan Diyona, F., 2022, Analisis Dosis Serap Bolus Berbahan Campuran Beeswax dan Petroleum Jelly pada LINAC di Rumah Sakit Universitas Andalas, *Jurnal Fisika Unand (JFU)*, Vol. 11, No 4, hal. 462-466.

- Park, T.W., Oh, S.A., Yea, J.W., dan Kang, M.K., 2017, Fabrication of Malleable Three Dimensional Printed Customized Bolus Using Three Dimensional Scanner, *Journal Pone*, Vol. 12, No. 5, Plos One, hal. 1-9.
- Podgorsak, E.B., 2005, *Radiation Oncology Physics:A Handbook for Teachers and Students*, Publishing Section IAEA, Vienna.
- Podgorsak, E.B., 2005, *External Photon Beams : Physical Aspects in Radiation Oncology Physics: A Hand Book for Teachers and Student*, Publishing Section IAEA, Vienna.
- Pramita, N., Adrial, R., dan Ilyas, M., 2023, Perbandingan Dosis Serap Bolus Berbahan *Playdough*, *Plastisin*, dan *Silicone Rubber* pada Radioterapi Berkas Elektron 6 MeV dan 9 MeV, *Jurnal Fisika Unand*, Vol. 12, No. 4, hal. 577-583.
- Purba, M. H., 2018, Konsistensi Nilai Dosis Serap Bolus Plastisin Dengan Energi 9 MeV di Rumah Sakit Pusat Pertamina, *Skripsi*, Teknik Radiodiagnostik dan Radioterapi, Politeknik kesehatan kementerian kesehatan, Jakarta.
- Rafli, R., Diyona, F., Ilyas, M., dan Kanie, M, A., 2021, Dosimetry Verification of Chest Wall Radiotherapy Planning Using Virtual Bolus Compared to Plasticine Bolus for 3DCRT and IMRT. *AIP Conference Proceeding*, Padang.
- Su, Shiqin., Moran, K., dan Robar, J. L., 2014, Design and Production of 3D Printed Bolus for Electron Radiation Therapy, *Journal of Applied Clinical Medical Physics*, Vol. 15, No 4.
- Stephens, F., 2009, *Basics of Oncology*, Springer-Verlag Berlin Hidelberg, New York
- Susworo, R., dan Kodrat H., 2017, *Dasar Dasar Radioterapi Tata Laksana Radioterapi Penyakit Kanker*, Edisi II, UI Press, Jakarta
- Sutanto, H., Hidayanto, E., Jaya, G.W., Astuti, S.Y dan Supratman, A.S., 2018, *Bolus Berbahan Silicone Rubber dan Natural Rubber*, Undip Press, Semarang.
- Symonds, P., Mils, A., dan Duxbury, A., 2012, *Textbook Of Radiotherapy*, Edisi VII, Elsevier, Livingstone.
- Yuliandari, A., Harmadi, H., Diyona, F., Ilyas, M., Pratama, A., dan Oktamuliani, S., 2024, Characteristics of Polylactic Acid 3D-Printed Bolus for Electron Radiotherapy, *AIP Conference Proceeding*, Padang.

American Cancer Society Homepage, 2022, Breast Cancer, <https://www.cancer.org/cancer/types/breast-cancer.html>, diakses Juni 2024.

BAPETEN Homepage, 2013, Perka BAPETEN No.3 Tahun 2013 tentang Keselamatan Radiasi dalam Penggunaan Radioterapi, https://jdih.bapeten.go.id/id/dokumen/peraturan/peraturankepala-badan-pengawas-tenaga-nuklir-nomor-3-tahun-2013-tentangkeselamatan_radiasi-dalam-penggunaan-radioterapi, diakses Juni 2024.

GLOBOCAN Homepage, 2022, Cancer Today, <https://gco.iarc.fr/today/fact-sheets-cancers>, diakses Juni 2024.

ICRU Homepage, 1993, ICRU Report 50 Prescribing, Recording and Reporting Photon Beam Therapy, <https://www.icru.org/report/prescribing-recording-and-reporting-photon-beam-therapy-report-50/>, diakses Juni 2024

ICRU Homepage, 1999, ICRU Report 62 Prescribing, Recording and Reporting Photon Beam Therapy (Umpplement to ICRU Report 50), <https://www.icru.org/report/prescribing-recording-and-reporting-photon-beam-therapy-report-62/>, diakses Juni 2024.

ICRU Homepage, 2010, ICRU Report 83 Prescribing, Recording and Reporting Photon Beam Intensity Modulated Radiation Therapy, <https://www.icru.org/report/prescribing-recording-and-reporting-intensity-modulated-photon-beam-therapy-imrticru-report-83/>, diakses Juni 2024.

ICRU Report 46, 1992, Appendix A: Body Tissue Compositons, <https://doi.org/10.1093%2Fjicru.os24.1.11>, diakses Juni 2024.