

## REFERENCES

- Buckner, C.A., Lafrenie, R.M., Dénommée, J.A., Caswell, J.M., Want, D.A., 2018, Complementary and alternative medicine use in patients before and after a cancer diagnosis., *Current oncology (Toronto, Ont.)*, Vol. 25, Page. e275–e281, DOI: 10.3747/co.25.3884.
- Cherry, P., Duxbury, A., 2023, *Practical Radiotherapy Physics and Equipment*, Second Edition, Wiley Blackwell, London.
- Dashnamoorthy, S., Jeyasingh, E., Rajamanickam, K., Ahmed, I., 2024, Assessment of the Dosimetric Index from IMRT and Rapid Arc Plan for Oropharyngeal Cancer with Simultaneous Integrated Boost (SIB) Technique in Combination with EUD-based NTCP and TCP Radiobiological Models, *Asian Pacific Journal of Cancer Prevention*, Vol. 25, Page. 1515–1528, DOI: 10.31557/APJCP.2024.25.5.1515.
- Fader, A.N., 2018, Surgery in Cervical Cancer, *New England Journal of Medicine*, Vol. 379, Page. 1955–1957, DOI: 10.1056/nejme1814034.
- Fatimah, N., Widita, R., 2018, Penentuan Tumor Control Probability (TCP) dengan Memperhitungkan Efek Repair Menggunakan Model Equivalent Uniform Dose (EUD), *Keilmuan Fisika Nuklir dan Biofisika*, Page. 108–113.
- Greene, D., Williams, P., 2017, *Linear Accelerators for Radiation Therapy*, Second Edition, Medical Science Series, CRC Press, Manchester, UK.
- Halim, A., 2009, *Human Anatomy: Female Pelvis And Breast*, I.K. International Publishing House Pvt, New Delhi.
- Heusinkveld, R.S., 2012, Textbook of Radiotherapy, *Nuclear Technology*, Vol. 57, Page. 442–442, DOI: 10.13182/nt82-a26313.
- Khatun, S., 2020, Prevention of cervical cancer, *Bangladesh Journal of Obstetrics and Gynecology*, Vol. 33, Page. 1–3, DOI: 10.3329/BJOG.V33I1.43266.
- Koka, K., Verma, A., Dwarakanath, B.S., Papineni, R.V.L., 2022, Technological Advancements in External Beam Radiation Therapy (EBRT): An Indispensable Tool for Cancer Treatment, *Cancer Management and Research*, Vol. 14, Page. 1421–1429, DOI: 10.2147/CMAR.S351744.
- Mahmoud Abdelhakeem, B., Ahmed Hassan Omran, A., Ouda Abd Elmoniem, S., Rabea Abd Elmordy, Z., 2024, Effect of Chemotherapy and Radiation Treatment on Body System among Women Suffering from Cervical Cancer., *Journal of Nursing Science Benha University*, Vol. 5, Page. 785–804.
- Malafi, M.E., 2024, The Lives Saved: A Literature Review on the Role of Radiotherapy Improving Prognosis in Cancer Patients, *Journal of Quality in*

- Health Care & Economics*, Vol. 7, Page. 1–3, DOI: 10.23880/jqhe-16000360.
- Matos, A.G. de M., Silva, G.E.B., Barbosa, E. da S., de Andrade, M.S., Santos Lages, J., Corrêa, R. da G.C.F., Oliveira, A.G.C., Teixeira, E.B., da Silva, M.G. de O.P., Fonseca, S.S.S. da, Teixeira-Júnior, A.A.L., Alves, M.S., Alencar Junior, A.M., Khayat, A.S., Pinho, J.D., 2024, What is the role of circRNAs in the pathogenesis of cervical cancer? A systematic literature review, *Frontiers in Genetics*, Vol. 15, Page. 1–10, DOI: 10.3389/fgene.2024.1287869.
- Mayadev, J.S., Ke, G., Mahantshetty, U., Pereira, M.D., Tarnawski, R., Toita, T., 2022, Global challenges of radiotherapy for the treatment of locally advanced cervical cancer, *International Journal of Gynecological Cancer*, Vol. 32, Page. 436–445, DOI: 10.1136/ijgc-2021-003001.
- Mayles, W.P.M., Nahum, A.E., Rosenwald, J.-C., 2021, *Handbook of Radiotherapy Physics*, Second Edition, CRC Press, Boca Raton.
- Mazonakis, M., Tzanis, E., Lyraraki, E., Damilakis, J., 2022, Automatic Radiobiological Comparison of Radiation Therapy Plans: An Application to Gastric Cancer, *Cancers*, Vol. 14, Page. 1–13, DOI: 10.3390/cancers14246098.
- Mohd Khairi, N.F.Z., Roszaini, N.F., Othman, S.A., 2023, Principles and Techniques in Handling Brachytherapy - A Short Review, *Journal of Advanced Industrial Technology and Application*, Vol. 4, Page. 75–79, DOI: 10.30880/jaita.2023.04.01.009.
- Nadova, K., Burghardtova, M., Fejfarova, K., Reginacova, K., Malikova, H., 2021, Late Radiation–Related Toxicities in Patients Treated for Early-Stage Cervical Carcinoma by Surgery and Adjuvant Radiotherapy: A Retrospective Imaging Study, *Pathology and Oncology Research*, Vol. 27, Page. 1–9, DOI: 10.3389/pore.2021.1609915.
- Nguyen, M.L., Afrin, K.T., Newbury, P., Henson, C., Ahmad, S., 2023, Comparison of intensity-modulated proton therapy (IMPT) versus intensity-modulated radiation therapy (IMRT) for the treatment of head and neck cancer based on radiobiological modelling, *Journal of Radiotherapy in Practice*, Vol. 22, Page. 1–5, DOI: 10.1017/S1460396922000449.
- Pandey, U., 2017, What is Cervical Cancer?, *Journal of Gynecology and Women's Health*, Vol. 2, Page. 2–5, DOI: 10.19080/jgwh.2017.02.555599.
- Podgorsak, 2005, *Radiation Oncology Physics: A Handbook for Teachers and Student*, Radiation Oncology Physics: A Handbook for Teachers and Student, International Atomic Energy Agency (IAEA), Austria.
- Pratista, T.A., Widita, R., 2024, Determination of Fractionation Scheme Based on Repair Effect Using Equivalent Uniform Dose (EUD) Model, *Indonesian Journal of Physics*, Vol. 34, Page. 8–13, DOI: 10.5614/itb.ijp.2023.34.2.2.

- Rather, S.A., Banday, M.S., Qureshi, M.Z., 2024, Dosimetric Analysis and Radiobiological Impact of Radiotherapy Planning Techniques for Esophageal Squamous Cell Carcinoma in terms of Tumor Control Probability and Normal Tissue Complication Probability, *Journal of Radiation and Cancer Research*, Vol. 20, Page. 1–9, DOI: 10.4103/jrcr.jrcr\_2\_24.
- Sage, J.P., Brunt, J.N.H., Mayles, W.P.M., 2007, Data communication with Dicom, *Handbook of Radiotherapy Physics: Theory and Practice*, Page. 909–919, DOI: 10.1201/9781420012026.ch42.
- Susworo, R., 2017, *Dasar Dasar Radioterapi Tata Laksana Radioterapi Penyakit Kanker*, Second Edition, Universitas Indonesia Press, Jakarta.
- Tagliaferri, L., Fionda, B., Bacorro, W., Kovacs, G., 2024, Advances in Head-and-Neck Interventional Radiotherapy (Brachytherapy), *Journal of Medicine, University of Santo Tomas*, Vol. 8, Page. 1338–1341, DOI: 10.35460/2546-1621.2023-0122.
- World Health Organization, 2024, Cervical Cancer. <https://www.who.int/health-topics/cervical-cancer> (accessed 20-January-2025).
- Zhang, F., Zhou, M., Wang, G., Li, X., Yue, L., Deng, L., Chi, K., Chen, K., Qi, Z., Deng, X., 2023, Evaluation of bladder filling effects on the dose distribution during radiotherapy for cervical cancer based on daily CT images, *Journal of applied clinical medical physics*, Vol. 24, Page. e14097.

