

Daftar Pustaka

- Anam, C. 2010. *Simulasi Monte Carlo untuk Kontaminasi Elektron Pada Berkas Sinar X 6 MV Produksi Pesawat Linac Elekta SL15*. Tesis. Universitas Indonesia. Jakarta
- Berris, T., Mazonakis, M., Stratakis, J., Tzedakis, A., Fasoulaki, A., Damilakis, J., 2013. *Calculation of Organ Doses From Breast Cancer Radiotherapy: A Monte Carlo Study*. "Journal Of Applied Clinical Medical Physics", 14(1).
- Boyer., Thomas R.B., Darren, L.K. Timothy J.W. 2001. *X-RAY Field Compensation With Multileaf Collimator*. "Radiation Oncology Biol. Phys", 28(3), 723-730.
- Daniel ,Low,. Peter ,Biggs,. James ,Galvin,. Eric ,Klein,. Thomas ,LoSasso,. Boyer,. Katherine ,Mah,. Cedric ,Yu,. 2001. *Basic Applications Of Multileaf Collimators*. American Association of Physicists in Medicine.
- Chang, S.J., Hung, S.Y., Liu, Y.L., Jiang, S.H. 2016. *Construction of Taiwanese Adult Reference Phantoms for Internal Dose Evaluation*. PLOS ONE 11 (9). USA
- Desy dan Munir. 2001. *Pengaruh Perubahan Tegangan Tinggi Tabung Photomultiplier (PMT) Terhadap Amplitudo Keluaran Detektor NaI(Tl)*. "Jurnal Berkala Fisika". 4(3),69-78.
- Denise, B. 2008. MCNPX User's Manual. Department of energy: Los Alamos.
- Donovan, Ellen., Bleakley, Natalie., Denholm, Erica., Evans, phil., Gothard, Lone., Hanson, Jane., Peckitt, Clare., Reise, Stephanie., Ross, Gill., Sharp, Grace., Richard, S.T., Tait, Diana., Yarnold, John. 2006. *Randomised Trial Of Standard 2D Radiotherapy (RT) Versus Intensity Modulated Radiotherapy (IMRT) In Patients Prescribe Breast Radiotherapy*. Article In Press: London.
- Elia, Aditya B.K dan Soehartati, A.G. 2013. *Hipofraksinansi Pada Kanker Payudara Stadium Dini. Radioterapi & Onkologi Indonesia*. "Journal Of The Indonesian Radiation Oncology Society", 4(2), 53-60
- Gurjar, OP., Kaushik, S., Mishra, SP., Punia, R., 2015. *A study on room design and radiation safety around room for Co-60 after loading HDR brachytherapy unit converted from room for Ir-192 after loading HDR brachytherapy unit*. 83–8.
- Ihya N.F., Anam Choirul., Gunawan V. 2013. *Pembuatan Kurva Isodosis 2D Dengan Menggunakan Kurva Percentage Depth Dose(PDD) dan Profil Dosis Dengan Variasi Kedalaman Untuk Treatment Planning System*. "Journal Of The Indonesian Radiation Oncology Society". 16(4),131-138.

- Indarti, A.F dan Sekarutami S.M. 2014. *Tatalaksana Kanker Prostat*. "Journal Of The Indonesian Radiation Oncology Society", 6(1),19-28.
- Internasional Atomic Energy Association(IAEA). 2008. *IAEA TECDOC 1588 Transition From 2-D Radiotherapy to 3-D Conformal and Intensity Modulated Radiotherapy*. 1-25.
- Kadir, Usman. 1999. Faktor Gamma. "*Widyanuklida*". 2(2)
- Khan, F.M. 2014. *The Physics of Radiation Therapy*: Edisi Kelima. USA: Maryland.
- Knoll, Glen F. 2000. *Radiation Detection and Meansurement*. USA: John Willey & Sons, inc.
- Kodrat, Henry., Susworo, R., Amalia, Tuti dan Sabariana, R, Rd. 2015. *Radioterapi Konformal Tiga Dimensi Dengan Pesawat Cobalt-60*. "Journal Of The Indonesian Radiation Oncology Society". 7(1). 37-42
- Maftuhaturun, Aat. 2018. *Perhitungan Distribusi Dosis Radiasi Kanker Payudara Dan Organ Sekitar Dengan Teknik Tangensial Menggunakan Program MCNPX*. Skripsi. Universitas Jenderal Soedirman.
- Mardiana, Lina,. 2007. *Kanker pada wanita*. Jakarta: Peneber Swadaya.
- Marinetto, E., J. Lansdown, M. Valdivieso, M. Desco dan J. Pascau. 2014. *Semi-automatic Segmentation of Sacrum in Computer Tomography Studies for Intraoperative Radiation Therapy*. Mediterranean Conference on Medical and Biological Engineering and Computing 2013: 3-4.
- Mengkidi, D. 2006. *Gangguan Fungsi Paru dan Faktor-faktor Yang Mempengaruhinya Pada Karyawan PT.Semen Tonasa Pangkep Sulawesi Selatan*. Tesis. Universitas Diponegoro, Semarang.
- Nurizati. 2010. *Simulasi Perhitungan Monte Carlo Dosis Janin Pada Model Kanker Payudara Berbentuk Kotak Dengan Foton 2 MeV*. Tesis. Fakultas MIPA Universitas Indonesia.
- Nursama Heru Aprianoro, Bambang Sutrisno Wibowo, Muhammad Irsal, Prima Chintya Delsy Kasih. 2017. *Analisis Perbedaan Hasil Treatment Planning System Antara Teknik Penyinaran Radioterapi 3-Dimensional Radiation Therapy dan Intensity Modulated Radiation Therapy Pada Kasus Kanker Nasofaring*. "Jurnal Teknologi dan Seni Kesehatan", 8(1), 29–35.
- Nuryadi Endang, Gondhowiardjo Soehartati, Adham Marlinda. 2015. *Perbandingan Respon Terapi Radiasi Antara Teknik Konvensional 2D Dengan Pengecilan Lapangan Radiasi Teknik 2D, 3DCRT Atau Brakiterapi Pada Kanker Stadium Dini di Departemen Radioterapi RSUPN Cipto*

- Mangun kusumo. "Journal Of The Indonesian Radiation Oncology Society", 6(2),62-72.
- Nuzula, N.F., Adi, K., Anam, C. 2015. *Correction of 2D Isodose Curve On the Sloping Surface Using Tissue Air Ratio (TAR) Method*. "Jurnal Sains dan Matematika", 23(3).
- Purdy, J.A. 2008. *Three-dimensional Conformal Radioation Therapy*. Philadelphia.
- Rahmawati, A.N., Sardjono., Denny Darmawan. 2017. *Analisis Dosis Pada Penyembuhan Kanker Payudara Dengan Boron Neutron Capture Therapy (BNCT) Menggunakan MCNP X*. "Jurnal Fisika", 6(2), 82-88
- Reda, S.M., Massoud, E., Hanafy, M.S., Bashter, I.I., Amin, E.A. 2006. Monte Carlo Dose Calculations for Breast Radiotherapy Using ^{60}Co Gamma Rays. "Journal of Nuclear and Radiation Physics". Vol. 1 (1). Atomic Energy Authority. Mesir.
- Sadeghi, M., Jokar, N., Kakavand, T., Ghafoori, F.H., 2013. *Tenreiro Prediction of ^{67}Ga production using the Monte Carlo code MCNPX*. "Applied Radiation and Isotopes", 77,14-17.
- Sadoughi, R.H., Nasser, S., Momennezhad, M., and Hossein, B.T.M., 2014 . *Comparison Between GATE and MCNPX Monte Carlo Codes in Simulation of Medical Linear Accelerator*. "Applied Radiation and Isotopes", 4(1), 7-10.
- Sidaburta H, D dan Evi Setiawati. *Perbandingan Dosis Terhadap Variasi Kedalaman dan Luas Lapangan Penyinaran (Bentuk Persegi dan Persegi Panjang) Pada Pesawat Radioterapi Cobalt-60*. "Youngster Physics Journal", 3(4), 295- 302.
- Snell, R.S. 2012. *Anatomi Klinis Berdasarkan Sistem*. Dialih bahasakan oleh Sugarto L. Jakarta:EGC.
- Tsoufanidis, N. 1995. *Measurement and Detection Of Radiation*. Bristol: Taylor & Francis
- Wali, Thomas dan Anita, Febria., 2016. *Verifikasi Distribusi Tps dan Pesawat Linac Menggunakan Phantom Octavius 4D dengan Teknik IMRT Protokol Kanker Lidah*. "Jurnal Ilmiah GIGA", 19(1), 9-14
- Warfi, R., Harto, W.A, Sardjono, Y., Widarto., 2016. *Optimization of Neutron Collimator in The Thermal Column of Kartini Research Reactor for in vitro and in vivo Trials Facility of Boron Neutron Capture Therapy using MCNP-X Simulator*. "Indonesian Journal of Physics and Nuclear Applications", 1(1), 54-62.
- Webb ,S. 2003. *The Physical basis of IMRT and Inverse Planning British Institute of Radiology*. London.

Wiryosimin, S. 1996. *Mengenal Asas Proteksi Radiasi*. Bandung: ITB.

