

DAFTAR PUSTAKA

- [1] J. D. Fortenot, A. K. Lee dan W. D. Newhauser. "Risk of Secondary Malignant Neoplasms From Proton Therapy and Intensity Modulated X-Ray Therapy for Early-Stage Prostate Cancer" *Int J Radiat Oncol Biol Phys*, vol. 74, no. 2, pp. 616-622, 2009.
- [2] S. F. Kry, M. Salehpour, U. Titt, R. A. White, M. Stovall dan D. Followill. "Monte Carlo Study Shows No Significant Difference in Second Cancer Risk Between 6- and 18-MV Intensity-Modulated Radiation Therapy" *Radioter Oncol*, vol. 91, no. 1, pp. 132-137, 2009.
- [3] R. F. Barth, J. A. Coderre, M. G. H. Vivente dan T. E. Blue. "Boron Neutron Capture Therapy of Cancer: Current Status and Future Prospects" *Clin Cancer Res*, vol. 11, no. 11, pp. 3987-4002, 2005.
- [4] Mark E. Linsky, David W. Andrews, Anthony L. Asher, Stuart H. Burri, Douglas Kondziolka, Paula D. Robinson, Mario Ammirati, Charles S. Cobbs, Laurie E. Gaspar, Jay S. Loeffler, Michael McDermott, Minesh P. Mehta, Tom Mikkelsen, Jeffrey J. Olson, Nina A. Paleologos, Roy A. Pathell, Timothy C. Ryken dan Steven N. Kalkanis. "The Role of Stereotactic Radiosurgery: A Systematic Review and Evidence-Based Clinical Practice Guideline" *J Neurooncol*, vol. 96, pp. 45-68, 2010.
- [5] N. C. Sheets, G. H. Goldin, A.-M. Meyer, Y. Wu, Y. Chang, T. Stumer, J. A. Holmes, B. B. Reeve, P. A. Godley, W. R. Carpenter dan R. C. Chen. "Intensity-Modulated Radiation Therapy, Proton Therapy, or CONformal Radiation Therapy and Morbidity and Disease Control in Localized Prostate Cancer" *JAMA*, vol. 307, no. 15, pp. 1611-1620, 2012.
- [6] M. Yamada, M. Foote dan T. W. Prow. "Therapeutic Gold, Silver, and Platinum Nanoparticles" *WIREs Nanomed Nanobiotechnol*, vol. 7, pp. 428-445, 2015.
- [7] S. Rosa, C. Connolly, G. Schettino, K. T. Butterworth dan K. M. Prise. "Biological Mechanism of Gold Nanoparticle Radiosensitization" *Cancer Nano*, vol. 8, 2017.
- [8] S. Jain, J. A. Coulter, A. R. Hounsell, K. T. Butterworth, S. J. McMahon, W. B. Hyland, M. F. Muir, G. R. Dickson, K. M. Prise, F. J. Currell, J. M. O'Sullivan dan D. G. Hirst. "Cell-Specific Radiosensitization by Gold

- Nanoparticles at Megavoltage Radiation Energies" *Int J Radiat Oncol Biol Phys*, vol. 79, no. 2, pp. 531-539, 2011.
- [9] X.-Y. Su, P.-D. Liu, H. Wu dan N. Gu. "Enhancement of Radiosensitization by Metal-Based Nanoparticles in Cancer Radiation Therapy" *Cancer Biol Med*, vol. 11, pp. 86-91, 2014.
- [10] S. Malmir, A. A. Mowlavi dan S. Mohammadi. "Evaluation of Dose Enhancement in Radiosensitizer Aided Tumor: A Study of Influencial Factors" *Rep Radiother Oncol*, vol. 2, no. 4, pp. 27-33, 2015.
- [11] A. D. Paro, M. Hssain, T. J. Webster dan M. Su. "Monte Carlo and Analytic Simulations in Nanoparticle-Enhanced Radiation Therapy" *Int J Nanomedicine*, vol. 11, pp. 4735-4741, 2016.
- [12] J. Deng, S. Xu, W. Hu, X. Xun, L. Zheng dan M. Su. "Tumor Targeted. Stealthy and Degradable Bismuth Nanoparticles for Enhanced X-Ray Radiation Therapy of Breast Cancer" *Biomaterials*, vol. 154, pp. 24-33, 2018.
- [13] J. L. Robar, S. A. Riccio dan M. A. Martin. "Tumour Dose Enhancement Using Modified Megavoltage Photon Beams and Contrast Media" *Phys Med Biol*, vol. 47, pp. 2433-2449, 2002.
- [14] M. Luchette, H. Korideck, M. Makrigiorgos, O. Tillement dan R. Berbeco. "Radiation Dose Enhancement of Gadolinium-Based AGuIX Nanoparticles on HeLa Cells" *Nanomedicine: NBM*, vol. 10, pp. 1751-1755, 2014.
- [15] I. Miladi, M.-T. Aloy, E. Armandy, P. Mowat, D. Kryza, N. Magne, O. Tillement, F. Lux, C. Billotey, M. Janier dan C. Rodriguez-Lafrasse. "Combining Ultrasmall Gadolinium-Based Nanoparticles With Photon Irradiation Overcomes Radioresistance of Head and Neck Squamous Cell Carcinoma" *Nanomedicine: NBM*, vol. 11, pp. 247-257, 2015.
- [16] E. Banoqitah dan F. Djouider. "Dose Distribution and Dose Enhancement by Using Gadolinium Nanoparticles Implant in Brain Tumor in Stereotactic Brachytherapy" *Rad Phys Chem*, vol. 127, pp. 68-71, 2016.
- [17] E. I. Piechowlak, J.-F. W. Peter, B. Kleb, K. J. Klose dan J. T. Heverhagen. "Intravenous Iodinated Contrast Agents Amplify DNA Radiation Damage at CT" *Radiology*, vol. 275, no. 3, pp. 692-697, 2015.
- [18] S. Rey, L. Schito, M. Koritzinsky dan B. G. Wouters. "Molecular Targeting of Hypoxia in Radiotherapy" *ADDR*, vol. 109, pp. 45-62, 2017.

- [19] M. Hockel, K. Schlenger, B. Aral, M. Mitze, U. Schaffer dan P. Vaupel. "Association Between Tumor Hypoxia and Malignant Progression in Advanced Cancer of the Uterine Cervix" *J Cancer Research*, vol. 56, pp. 4509-4515, 1996.
- [20] S. Stapleton, D. Jaffray dan M. Milosevic. "Radiation Effects on the Tumor Microenvironment: Implications for Nanomedicine Delivery" *ADDR*, vol. 109, pp. 119-130, 2017.
- [21] A. Carreau, B. E. Hafny-Rahbi, A. Matejuk, C. Grillon dan C. Kieda. "Why is the Partial Oxygen Pressure of Human Tissues A Crucial Parameter? Small Molecules and Hypoxia" *J Cell Mol Med*, vol. 15, no. 6, pp. 1239-1253, 2011.
- [22] G. B. Saha. *Physics and Radiobiology of Nuclear Medicine, 4th ed.* New York, Springer, 2010.
- [23] E. L. J. F. Bohm, J. Hendry, R. Hill, J. L. Heron, K. Mishra, K. Trott dan J. Wondergem. *Radiation Biology: A Handbook for Teachers and Students.* Vienna, International Atomic Energy Agency, 2010.
- [24] P. Andreo, M. D. C. Evans, J. H. Hendry, J. L. Horton, J. Izewska, B. J. Mijnherr, J. A. Mills, M. Olivares, P. O. Lopez, W. Parker, H. Patricinio, E. B. Podgorsak, M. B. Podgorsak, G. Rajan, J. P. Seuntjens, K. R. Shortt, W. Strydom, N. Suntharalingam, D. I. Thwaites dan H. Tolli. *Radiation Oncology Physics: A Handbook for Teachers and Students.* Vienna, International Atomic Energy Agency, 2005.
- [25] J. Valentin, W. S. Snyder, M. J. Cook, E. S. Nasset, L. R. Karhausen, G. P. Howells dan I. H. Tipton. "Basic Anatomical and Physiological Data for Use in Radiological Protection: Reference Values" *Laporan Teknis ICRP Publication 89.* International Commission on Radiological Protection, New York, 2003.
- [26] J.-O. Dunn, M. Mythen dan M. Grocott. "Physiology of Oxygen Transport" *BJA Education*, vol. 16, no. 10, pp. 341-348, 2016.
- [27] W. S. Snyder, M. J. Cook, E. S. Nasset, L. R. Karhausen, G. P. Howells dan I. H. Tipton. "Report of the Task Group Reference Man" *Laporan Teknis ICRP Publication 23.* International Commission on Radiological Protection, New York, 1992.
- [28] F. Paulsen dan J. Waschke. *Sobotta Atlas of Human Anatomy: Head, Neck, and Neuroanatomy, 15th ed.* Munich, Elsevier GmbH, 2011.