

References

- Alhassan, N. (2012). Measurement of Radiation dose in Intravenous Urography M.Sc thesis. Sudan University of Science and Technology - Sudan.
- Alotaibi, M. Al-Abdulsalam, A., Bakir, Y. Y., and Mohammed, A. M. (2015). Radiation awareness among nurses in nuclear medicine departments. *Australian Journal of Advanced Nursing*, 32(3), 25–33.
- Botelho, F. (2009). Interacções das Radiações com a Matéria [Presentation]. Faculdade de Ciências e Tecnologia da Universidade de Coimbra.
- Bushberg, J. and MBoone, J. (2011). The essential physics of medical imaging. Lippincott Williams & Wilkins.
- Eman, Y. E. M. and Sulieman, A. A. (2012). Radiation level on the nuclear medical department in el neelain diagnostic center, Khartoum. Khartoum University. Khartoum.
- John, F. (2009). Nuclear_Medicine_Jwfrank.Pdf, 178. Retrieved from http://unm.lf1.cuni.cz/vyuka/nuclear_medicine_jwfrank.pdf.
- Guggenheimer, S. and Butler, S (2012). Safe practices ionization. Retrieved from http://safety.chemistry.unimelb.edu.au/pdf/Radiation-Safety-Practices-Ionising-Presentation-V2_0%5B4%5D.pdf.
- Guimarães, D., Baptista, M. and Silva, A (2014). Reclassification of a shielding design project for facilities administering ^{131}I for thyroid carcinoma therapy, Porto.
- Hall, E. J. (2009). Radiation biology for pediatric radiologists. *Pediatric Radiology*, 39(SUPPL. 1), 2051–2057. <http://doi.org/10.1007/s00247-008-1027-2>.
- Hitachi aloka medical, Ltd. (2014). Instruction manual electronic pocket dosimeter mydose mini modael pdm-222-sh. <Http://www.hitachi-akola.co.jp/english>.
- Hospital, S. (2012). Radiation Protection Guidance For Hospital Staff, (December 2010), 1–51.
- Huda, W. (2010). Review of Radiologic Physics (3rd ed). Lippincott Williams & Wilkins: Philadelphia.
- Hyper Physics, (2010). Radioactive half-life. Retrieved from <http://hyperphysics.phy-astr.gsu.edu/hbase/nuclear/halfli.html>.
- InsideRadiology, (2013). Nuclear Medicine. Retrieved from http://www.insideradiology.com.au/pages/view.php?T_id=66#.Vq2Ob1K6o1.
- InsideRadiology, (2015). Nuclear Medicine Thyroid Scan. Retrieved from http://www.insideradiology.com.au/pages/view.php?T_id=42#.Vqwe_1K6rIU.

- International Atomic Energy Agency (IAEA), (2001). Radiological protection of patients in diagnostic and interventional radiology, nuclear medicine and radiotherapy. Vienna, Austria march.
- International Atomic Energy Agency (IAEA), (2009). Nuclear medicine in thyroid cancer management: a practical approach, (March), 273. Vienna, Austria.
- International Atomic Energy Agency (IAEA), (2014). Nuclear medicine physics A handbook for teachers and students. Vienna.
- International Commission on Radiological Protection (ICRP), (1991). report no. 60, Annals of the ICRP. 21, 1-3. Pergamum Press. Oxford.
- International Commission on Radiological Protection, (2007). ICRP Publication 103. Ann. ICRP 37(2-4).
- Krajewska, G. and Pachocki, K. (2013). Assessment of exposure of workers to ionizing radiation from radioiodine and technetium in nuclear medicine departmental facilities. *Medycyna Pracy* 64, (5),625–630.
- Martinez, N. Johnson, T. Kraft, S. and Ryan, S. (2011). Occupational radiation dose to persons involved in veterinary positron emission tomography. Colorado State. Colorado.
- Medicine, G. N. (2011). General Nuclear Medicine . *Medicine*, 1–7.
- Mostafa, M. (2009). Radioactivity calculations for production of 131I by neutron irradiation of tellurium targets. *Radiochemistry*, 51(3):313–320.
- Nunes, A. (2011). *Dose Optimization in CT , in Nuclear Medicine and in PET-CT Procedures*. Universidade de Coimbra.
- Osman, O. (2012) Effective dose estimation during Pediatric Chest x- ray Radiography M.Sc study. Sudan University of Science and Technology. Sudan.
- Pearce, M.S., Salotti, J.A., Little, M. P., McHugh, K., Lee, C., Pyo Kim, K., Howe, N., Ronckers, C., Rajaraman, P., Craft, A., Parker, L., and Gonzalez, A. (2012). Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: A retrospective Cohort Study. *Lancet*, 380, 499-505.
- Powsner, R.A. and Powsner, E. R. (2006). Essential nuclear medicine physics, 2nd edition. Blackwell Publishing, 20-27.
- Preedy, V. Burrow, G. and Watson, R. (2009). Comprehensive handbook of iodine: nutritional, biochemical, pathological and therapeutic aspects, Access Online via Elsevier.

- Radiation Safety Officer [RSO], (2010). Radiation protection guidance for hospital staff.
https://web.stanford.edu/dept/EHS/prod/researchlab/radlaser/Hospital_Guidance_document.pdf.
- Rajan, G. and Izewska, J. (2003). Review of radiation oncology physics. *International Atomic Energy Agency*, Vienna, Austria.
- Schönbeck, M. and Svegborn, S. L.(2006). Reduction of the absorbed dose to the urinary bladder from radiopharmaceuticals an investigation of influencing parameters. Malmö Lund University. Malmö.
- Silberstein, E ., Alavi, A., Balon, H., Clarke, S., Divgi, C., and Gelfand, M, (2012). The snm practice guideline for therapy of thyroid disease with 131I. *Journal of Nuclear Medicine*, 53, 10.1-19.
- Sisson J., Freitas J., McDougall I., Dauer L., Hurley J., Brierley J., Edinboro C. (2011). Radiation safety in the treatment of patients with thyroid diseases by radioiodine ¹³¹I: practice recommendations of the american thyroid association. *Mary Ann Liebert, Inc.* 21, 4.
- United States Environmental Protection Agency (2011). Ionizing and non ionizing radiation. Retrieved from http://www.epa.gov/radiation/understand/ionize_nonionize.html.
- World Health Organization (WHO), (2008). WHO global initiative on radiation safety in health caresettings.
http://www.who.int/ionizing_radiation/about/med_exposure/en/index.html.