

PAPERS PUBLISHED AND PRESENTED BY: MISS MARY JOAN, ASSISTANT PROFESSOR

1. Mary Joan, S Sathiyam, M Ravikumar. 'Design, fabrication and implementation of an anthropomorphic heterogeneous pelvis phantom for treatment evaluation of cancer of cervix', Annual conference of Association of Medical Physicists of India, AMPICON Thiruvananthapuram, 2015.
2. Rekha Reddy Buchapudi, Ravikumar Manickam, Varatharaj Chandraraj, Shwetha B, Mary Joan. 'Comparative dosimetry of two HDR brachytherapy sources with an indigenously fabricated water phantom using TLD and Gafchromic film', Annual conference of Association of Medical Physicists of India, AMPICON Thiruvananthapuram, 2015.
3. Mary Joan, S Sathiyam, M Ravikumar. 'Measurement of bladder and rectum doses in treatment of carcinoma cervix treated by brachytherapy'. Recent trends in Medical Physics and Radiation Protection. Kasturba Medical College and Hospitals, Mangalore. 2015.
4. Mary Joan, Ananth K, Dinesh Mangal, Arun Chougule. Study and Evaluation of Late Normal Tissue Complications for Radiotherapy of Ca Esophagus with Alternate Beam Arrangements and dosimetric comparison. High Precision Radiation Oncology: Quality and Safety Perspectives" (HiPRO2018), AIIMS New Delhi; 24th and 25th March 2018.
5. Joan M, Singh G, Arumugam H, Jain M, Saminathan S, Chougule A. Development and Implementation of Physical Anthropomorphic Phantom for Radiation Dose Assessment and Verification and to Predict the Probability of Occurrence of Second Malignancies for Patients Undergoing Radiotherapy. 3rd International Conference on Medical Physics in Radiation Oncology Imaging. Dhaka, Bangladesh; 10-12 March 2018.
6. Mary Joan. Radiation safety of Women and Children. Awareness programme on the International women's day, Department of Radiological Physics, SMS Medical College and Hospitals, Jaipur, 8th March 2018.
7. Mary Joan, Gurbinder Singh, Hemalatha A, Mukesh Jain, Arun Chougule. "Design, Fabrication and Implementation of an Anthropomorphic Phantom for Radiation Dose Assessment and verification and for prediction of probability of Second malignancies for patients undergoing Radiotherapy" Annual Conference of AMPI-NC at Dehradun, 17-18 February 2018.
8. Mary Joan, Ananth K., Dinesh Mangal, Arun Chougule "Dosimetric comparison of alternative beam arrangements for Radiotherapy of Ca Esophagus and evaluation of late normal tissue complications" Annual Conference of AMPI-NC at Dehradun, 17-18 February 2018.
9. Mary Joan. Quality Assurance of Positron Emission Tomography. Continuing Medical Education Programme of the silver jubilee celebrations of Department of Nuclear Medicine, CMC Vellore, 3rd and 4th February 2017.
10. Mary Joan. Radiation Emergencies in Nuclear Medicine and their handling. Conference on Radiation in Health Care-CRHC-2K16, SMS Medical College & Hospital, Jaipur, 7th-8th Nov. 2016
11. Mary Joan. Principles of Diagnostic Radiology. Workshop on Quality Assurance and Radiation Protection in Diagnostic Radiology, SMS Medical College and Hospitals, Jaipur, August 2016.

12. Mary Joan. Basic Principles of Radiation Protection. Workshop on Radiation Safety in Diagnostic Radiology, SwasthyaKalyan Group of Institutions, Paramedical Division, Jaipur, May 2016.
13. Mary Joan. Stereotactic Radio Surgery, Stereotactic Radio Therapy and other Radiotherapy techniques in CNS and brain Tumors. Conference on Stereotactic Radiosurgery & Stereotactic Body Radiation Therapy (Clinical, Physical & Dosimetry Aspect), SMS Medical College and Hospitals, Jaipur, April 2016.
14. Mary Joan, S. Sathiyar, M. Ravikumar, B. Saju. Verification of electron and photon beam parameters of high energy linear accelerator with gantry rotation using parallel plate chamber. Journal of Medical Physics, Vol 39, No.4, 2014, 394-6.