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## Research Publications in Journals

1. **Shekhar Dwivedi**, Sandeep Kansal, Vinod Kumar Dangwal, Avinav Bharati and Jooli Shukla, (2021), “Dosimetry of a 6 MV flattening filter-free small photon beam using various detectors,” Biomedical physics & engineering express, 7(4), pp. 1-14.
2. **Shekhar Dwivedi**, Sandeep Kansal, Jooli Shukla, Avinav Bharati and Vinod Kumar Dangwal, (2021), “Dosimetric evaluation of different planning techniques based on flattening filter-free beams for central and peripheral lung stereotactic body radiotherapy,” Biomedical physics & engineering express, 7(6), pp. 1-12.
3. **Shekhar Dwivedi**, Sandeep Kansal, Jooli Shukla, Avinav Bharati and Vinod Kumar Dangwal, (2022), “Dosimetric assessment of the mono- and dual-isocentric VMAT technique based on flattening filter-free beams for SBRT with non-contiguous spinal targets,” Medical dosimetry: official journal of the American Association of Medical Dosimetrists. (Current status: paper submitted under review)
4. **Shekhar Dwivedi**, Sandeep Kansal, Jooli Shukla, Avinav Bharati and Vinod Kumar Dangwal, (2022), “Dosimetric evaluation of four pretreatment verification devices for stereotactic body radiotherapy using FFF-based VMAT.” (Current status: Submitted)

## Paper Presented in Conferences

1. **Shekhar Dwivedi**, Sandeep Kansal and Vinod Kumar Dangwal (2017), “Statistical analysis of dosimetric parameters of FF and FFF photon beam, ” 17th Asia Oceania Congress of Medical Physics and 38th Annual Conference of Association of Medical Physicists of India (AOCMP-AMPICON2017), SMS Medical College, Jaipur, India. Presented under Poster Presentation.
2. **Shekhar Dwivedi**, Sandeep Kansal and Vinod Kumar Dangwal (2019), “Dosimetric assessment of small fields in 6 and 10 MV FF and FFF photon beams,” Indo-European Seminar on High Nuclear energy Physics, Central University of Punjab, Bathinda, India. Presented under Poster Presentation.
3. **Shekhar Dwivedi**, Sandeep Kansal and Vinod Kumar Dangwal (2020), “Small Field Dosimetry of 6 MV Flattening Filter Free Photon Beam using Various Detectors,” Association of Medical Physicists of India Northern Chapter Annual Conference (NCAMPICON 2020), Nayati Medicity, Mathura. Presented under Oral Presentation.
4. **Shekhar Dwivedi**, Sandeep Kansal and Vinod Kumar Dangwal (2022), “Dosimetric comparison of VMAT and IMRT with two hybrid planning techniques for SBRT,” 42nd Annual conference AMPICON 2021, NIMHANS convention centre, Bangalore. Presented under Oral Presentation.
5. **Shekhar Dwivedi**, Sandeep Kansal and Vinod Kumar Dangwal (2022), “Dosimetric assessment of VMAT technique based on flattening filter-free beams for spinal SBRT,” 43rd Annual conference AMPICON 2022, AIIMS, New Delhi. Selected under e-Poster Presentation.