

RESEARCH PUBLICATION

1. Mohanty S, Gurram L, Chopra S, Mahantshetty U, Grover S. Cervical Cancer Treatment in HIV-Positive Patients: A Survey of Treatment Practices in India. *JCO Glob Oncol*. 2021;7:843-848. doi:10.1200/GO.21.00081
2. Mohanty S, Hajare R, Gurram L, et al. Dosimetric comparison of sequential intensity-modulated radiation therapy (IMRT) and simultaneous integrated boost IMRT for lymph node-positive cervical cancer. *Journal of Radiotherapy in Practice*. 2023;22:e113. doi:10.1017/S1460396923000365
3. Mohanty S, Patil D, Joshi K, et al. Dosimetric Impact of Voluntary Deep Inspiration Breath Hold (DIBH) in Mediastinal Hodgkin Lymphomas: A Comparative Evaluation of Three Different Intensity Modulated Radiation Therapy (IMRT) Delivery Methods Using Voluntary DIBH and Free Breathing Techniques. *Cancers (Basel)*. 2024;16(4):690. Published 2024 Feb 6. doi:10.3390/cancers16040690
4. Gurram L, Mohanty S, Chopra S, et al. Outcomes of Cervical Cancer in HIV-Positive Women Treated With Radiotherapy at a Tertiary Care Center in India. *JCO Glob Oncol*. 2022;8:e2100312. doi:10.1200/GO.21.00312
5. Scheltes D, Mohanty S, Smits G, van der Steen-Banasik E, Murthy V, Hoskin P. Improving Quality of Life with Brachytherapy for Urological Malignancies. *Clin Oncol (R Coll Radiol)*. 2023;35(8):516-523. doi:10.1016/j.clon.2023.01.017
6. Swamidas, S Pradhan, S Chopra, S Panda, Y Gupta, S Sood, S Mohanty, J Jain, K Joshi, R Ph, L Gurram, U Mahantshetty, J P Agarwal. Development and clinical validation of Knowledge-based planning for Volumetric Modulated Arc Therapy of cervical cancer including pelvic and para aortic fields. *Physics and Imaging in Radiation Oncology*. 2021;18:61-67. doi:10.1016/j.phro.2021.05.004.
7. Bajpai J, Ventrapati P, Joshi S, et al. Unique challenges and outcomes of young women with breast cancers from a tertiary care cancer centre in

India. *Breast*. 2021;60:177-184. doi:10.1016/j.breast.2021.09.008

8. Shwetabh Sinha, Anuj Kumar, Guncha Maheshwari, Samarpita Mohanty, Kishore Joshi, Prakash Shinde, Deeksha Gupta, Shrikant Kale, Reena Phurailatpam, Monali Swain, Ashwini Budrukhar, Rajesh Kinhikar, Sarbani Ghosh-Laskar. Development and Validation of Single-Optimization Knowledge-Based Volumetric Modulated Arc Therapy Model Plan in Nasopharyngeal Carcinomas, *Advances in Radiation Oncology*, 2023, 101311, ISSN 2452-1094, <https://doi.org/10.1016/j.adro.2023.101311>
9. Ghosh Laskar S, Sinha S, Kumar A, et al. Reducing Salivary Toxicity with Adaptive Radiotherapy (ReSTART): A Randomized Controlled Trial Comparing Conventional IMRT to Adaptive IMRT in Head and Neck Squamous Cell Carcinomas. *Clin Oncol (R Coll Radiol)*. 2024;36(6):353-361. doi:10.1016/j.clon.2024.03.015
10. Ashwini Budrukhar, Maneesh Singh, Monali Swain, Sarbani Ghosh Laskar, Vedang Murthy, Shrikant Kale, Rituraj Upreti, Shwetabh Sinha, Anuj Kumar, Samarpita Mohanty, Tejpai Gupta, Jai Prakash Agarwal, Interstitial brachytherapy for periocular nonmelanoma skin cancers: Impact on organ and function preservation, *Technical Innovations & Patient Support in Radiation Oncology*, Volume 32, 2024, 100280, ISSN 2405-6324, <https://doi.org/10.1016/j.tipsro.2024.100280>