

❖ Name & Designation	: Dr. Mranalini Verma, MD.
❖ Address	: Dept. of Radiotherapy, SGPGIMS, Rai Bareli Road Lucknow.
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: 5 th world conference of IFHNOS & Annual meeting of the American Head & Neck Society (AHNS) 2014.
❖ Title of the abstract accepted	: An audit of setup reproducibility in radiotherapy of head and neck cancer
❖ Date & Venue	: 26-30 th July 2014. New York, USA.
❖ Money sanctioned	: Rs 92,546/-
❖ Money reimbursed	: Rs 91,404/-

Participation Report

This conference was organised by AMERICAN HEAD AND NECK SOCIETY with support of INTERNATIONAL FEDERATION OF HEAD AND NECK ONCOLOGIC SOCIETIES (IFHNOS) and MEMORIAL SLOAN KETTERING CANCER CENTRE (MSKCC). This is a celebration of 100th anniversary of the head and neck program at MSKCC as well as 5th world congress of IFHNOS and participated by 42 countries with total 45 panels/sessions. This is the largest head & neck cancer congress in history with 7 Keynote addresses, 24 Panel Discussions, 40 Instruction courses, 4 Video panels, 4 debates, 24 lunch with professors, 510 Oral presentations and 1300 posters. Sessions include update for all head and neck sub sites including thyroid malignancy for all aspects of Oncosurgery, Medical and Radiation therapy aspects. Radiotherapy sessions highlighted about sophisticated techniques as Intensity Modulated Radiotherapy (IMRT) especially for sparing of swallowing structures to reduce long term aspiration risks and improved quality of life (QOL) of these patients as well as sparing of parotids salivary gland which also have additional impact on QOL. Particle therapies either with proton or with neutron and heavy charged particles were also introduced with their long term patient series which showed benefit especially in nasopharynx site and recurrent cases. Palliative therapies as a holistic approach to treat patient not only disease was emphasized with a separate full panel. Role of Speech therapies to rehabilitate these patients during follow up to improve QOL. Safety values and ethics was taken care and discussed as a separate panel. Management of complications like fistulas and osteoradionecrosis was discussed. Further changing pattern of Oropharynx malignancies i.e. increased HPV infection associated cases and effect on the choice of treatment modalities and need of vaccine was discussed with more than one panel.

Name of Publication: Verma M, Sait AA, Kumar SKS, Das KJM, Lal P, Kumar S. An audit of setup reproducibility in radiotherapy (RT) of head and neck cancers. JAMA Otolaryngology-Head & Neck Surgery 2014 (abstract).

8. Participants contribution to the conference:

I have presented poster with a title "An audit of set-up errors in radiotherapy of head and neck cancer" to emphasize need of optimized and individualized (for each department depending on available immobilization and positioning tools and various other machine related tolerance factors) safety margins i. e. Planning target volumes (PTV) around tumor to certain delivery of planned dose distribution and reduced margins failures in head and neck site especially with Intensity modulated treatment (IMRT) which is known for its sensitivity because of sharp/ steep dose gradients to spare normal surrounding structures and reduced complications related to radiotherapy.