

EVOLUTION OF RADIATION THERAPIST FROM CLASSICAL ERA TO MODERN ERA

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OBJECTIVE:- RT is very much a Technology driven Treatment modality nowadays. The improvement in Radiotherapy treatment regimen has created the need for more accurate simulation, treatment planning, and treatment execution. Due to advancement in RT technology and computing devices over a past few decade we are able to deliver high precision treatment modalities with a low risk of normal tissue complication probability and hence achieve the “Goal of RT”.

To achieve this goal, we need precise and accurate treatment delivery which is done by RADIATION THERAPIST. So here showing you “THE EVOLUTION OF RADIATION THERAPIST FROM CLASSICAL ERA TO MODERN ERA”.

DISCUSSION:- A Radiation Therapist is a key team member in the team of Radiation Oncology Department as they only have day to day in touch with patients. Earlier days in CO-60 machine, the treatment was executed by conventional planning done by an oncologist by taking X-ray film for verification. Modern days, the Radiation Therapist plays a critical role in RT planning, treatment delivery and verification, patient care and support and delivering safe and accurate treatment. Radiation Therapist are also responsible for managing patient’s well being and describing about treatment and its consequences and giving support as needed.

CONCLUSION:- Daily contact with patient requires Radiation Therapist to excel in behaviour, extremely detail oriented, strong technical skills and skilled in using medical imaging equipment and last but not the least Radiation Therapist should be very well knowledge about anatomy, should be smart, confident, talented and should be able to satisfy the patient with work and behaviour.