

## Importance of radiotherapy in management of Lymphoma

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### Abstract

Malignant lymphomas are a set of diseases which have high potential for cure if managed adequately. The management of both Hodgkins and Non-Hodgkins lymphoma started with wide field / magna field radiotherapy. With the advent of highly potential systemic chemotherapy and later on monoclonal antibodies the cure rate improved and radiotherapy portals became smaller and focussed. Nowadays with the advent of further immunotherapy and pther effective biological drugs there is a tendency to eliminate radiotherapy in the overall management.

Radiotherapy techniques also have undergone mammoth changes in terms of field size, techniques and sparing normal structures. There are increasing use of involved field radiotherapy (IFRT) to involved site radiotherapy (ISRT) to involved nodal radiotherapy (INRT). Radiotherapy remains a mainstay in consolidative therapy in early stage as well as an effective local control modality in advanced bulky disease sites and extra nodal lymphomas.

We will be highlighting the importance of radiotherapy in the multimodality management of lymphomas with special emphasis on managing bulky disease and extra nodal sites. There will be latest guideline based take home message regarding ISRT and INRT and also ILROG guidelines for bulky disease. High grade lymphomas and extra nodal sites.

### Biography

Trinanjana Basu has completed both his MBBS and MD (Radiation Oncology) from Calcutta University in 2010. He then did senior residency from Tata Memorial Hospital, Mumbai for 2.5 years. He has been working as radiation oncologist for last 8 years and has the training and expertise in all available technologies like IGRT, VMAT, SRS and SBRT. He has worked with state of the art radiotherapy technologies like Tomotherapy and Cyberknife. Currently he is working as consultant radiation oncologist in Mumbai and head and neck cancer, brain tumors, SBRT in extra cranial diseases like lung, pancreas, sarcomas and quality of life issues are very close to his heart. He has more than 25 publications in indexed peer reviewed journals, few book chapters, reviewer for International journals and Editorial committee member of leading publishing house. He has received several ESMO and ESTRO grants. He is a member of International Geriatric radiotherapy group and was an observer at Institute Gustave Roussy, Paris. He is also a visiting fellow at national Cancer Centre, Singapore and was awarded the 1st ever Foundation of leadership in Radiation Oncology certificate under ESTRO-CARO-RANZCR.



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