

Medica Cancer Hospital, Rangapani introduces high-end radiotherapy machine Halcyon

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The device Image-guided radiation therapy (IGRT) & Intensity-modulated radiation therapy (IMRT)



Medica Cancer Hospital has introduced a high-end radiotherapy machine Halcyon with Image-guided radiation therapy (IGRT) & Intensity-modulated radiation therapy (IMRT). The Halcyon Radiation Therapy system's targeted therapy ensures that damage to healthy tissues surrounding the tumour can be further avoided or minimised, which is of great benefit in cases such as cancer of the head and neck, prostate, lungs etc.

The Halcyon system simplifies and enhances every aspect of the radiation therapy process, with image guidance and intensity-modulation radiotherapy (IMRT) that improves patient comfort. With a streamlined workflow, the Halcyon system requires just nine steps from the start to the end of treatment compared to up to more than 30 steps with older technologies. An integrated intercom enables immediate and clear communication between the therapist and the patient. The quiet system with smooth motion and easy access keeps patients relaxed and focused. The 100 cm. diameter bore with integrated ambient lighting prevents claustrophobia.

The short treatment times could also eliminate the need for breath-holds traditionally required during breast, oesophageal and lung cancer treatments.

Dr Sourav Dutta, Director, Medica Cancer Hospitals, said " Medica shall bring latest technologies in our cancer hospital here so that people from this region and nearby neighbouring states do not have to travel to other states for treatment. We shall offer all these treatments at an affordable cost which will be beneficial for the people."

Dr Alok Roy, Chairman, Medica Group of Hospitals & Chair FICCI health Services Committee stated, "The health infrastructure in most of the North-Eastern states and our neighbouring countries like Nepal, Bhutan, Bangladesh and Myanmar are not so well equipped to treat this caseload, which forces patients to travel long distances for treatment. On behalf of Medica Cancer Hospital, I will urge the citizens not to neglect cancer and get the treatment as early as possible before it gets too late."