

Manipal Hospitals ushers-in new era in cancer treatment

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Unveiling India's first Radixact System with Synchrony Technology



Manipal Hospitals has launched an advanced Radixact System with the Synchrony Automatic, Real-time Motion Synchronization technology, for the precise treatment of cancer patients.

Manipal Hospitals has obtained the requisite license from AERB for Radixact X9 Tomotherapy with Synchrony tumour tracking technology.

The Radixact system, with its new generation of tomotherapy with Synchrony technology, serves cancer patient needs, by far superior clinical results in head and neck, breast, GI and prostate cancers, which consolidate for more than 85 per cent of occurrence.

The system delivers 360 degrees rotational delivery for the whole body and CT based daily IGRT treatment with Iterative reconstruction. The combined technologies enable the delivery of radiation using a variety of methods — from image-guided intensity-modulated radiation therapy (IG-IMRT) to stereotactic body radiation therapy (SBRT) — to treat almost any tumour, even those that move with breathing, precision, accuracy and unprecedented flexibility.

Dr Vadhira B M, HOD & Consultant – Radiotherapy, Manipal Hospitals, Old Airport Road stated, “Synchrony for the Radixact System will provide clinicians with the technology they need to effectively and efficiently treat cancer patients requiring radiation therapy, in whom the tumour moves while breathing.”