

ADAPTIVE RADIOTHERAPY GAINS MOMENTUM ACROSS TIMEA

Across our TIMEA region, healthcare providers are increasingly exploring the adoption of adaptive radiotherapy, in routine clinical practice . This ensures a higher level of precision in personalized radiation based care. responding in real time to anatomical changes occuring during a patient's course of therapy.

A great example of this is Manipal Hospital Yelahanka in Bengaluru, India, which has become the first center in TIMEA to go clinical with Elekta Evo with the online adaptive suite. The platform combines IRIS based high-definition imaging with online adaptive radiotherapy capabilities, allowing clinicians to review and adjust treatment plans while the patient is on the couch.

"The installation of India's first Elekta Evo marks an important step in expanding access to adaptive radiation therapy in the country," said Feras Al Hasan, Head of TIMEA, Elekta. "By combining AI-enhanced imaging with online adaptive capabilities, the platform supports informed decision-making throughout the treatment process."

A broader shift toward adaptive treatment approaches

Adaptive radiotherapy is gaining attention for its potential to help clinicians maintain treatment accuracy while reducing radiation exposure to surrounding healthy tissue directly impacting better clinical outcomes. Advances in imaging, AI and treatment planning are making these workflows increasingly accessible in clinical practice.

"With online adaptive radiotherapy on Elekta Evo, we are able to adapt the treatment to a patient's anatomy each day and better protect the healthy organs around the tumor. In patients with pelvic cancers, we have seen a striking reduction in bowel side effects, particularly treatment-related diarrhea, which in our experience has fallen to very low levels – as well as fewer urinary side effects. For patients, this means a more comfortable treatment experience and a meaningful improvement in quality of life during and after radiotherapy," said Dr. Vikram Maiya M, Senior Oncologist, Manipal Hospital, Yelahanka.

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Image Attachments

[Elekta Evo At Manipal Hospital, Yelahanka, Bengaluru](#)

Attachments

[Adaptive radiotherapy gains momentum across TIMEA](#)