

American Oncology Institute elevates cancer care in Telangana with AI

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Becoming an advanced comprehensive cancer centre

American Oncology Institute (AOI) Hyderabad, has announced the launch of Ethos Radiotherapy, artificial intelligence (AI)-driven holistic solution integrated with Varian's most advanced surface guidance system, IDENTIFY™ technology.

With the implementation of AI-driven Ethos Radiotherapy, AOI sets a new benchmark in cancer care, offering cutting-edge technology and personalised treatment options to patients in Telangana and beyond.

This new solution uses augmented intelligence, a convergence of people and AI working together to adjust cancer treatments in response to patients' unique and daily changing needs. In the treatment room, IDENTIFY™ helps guide through setup and patient's position using visual assistance.

Ethos brings in unique capabilities of treatment personalisation by adapting treatment plan in real time based on changing patient anatomy and tumour location. An extension to the technology for precision cancer care, IDENTIFY™ an intuitive interface detecting real-time changes in position of the tumour during the on-going treatment. This enables the team to accurately position the radiation beam allowing only to target the tumour cells.

American Oncology Institute is the leading cancer hospital chain in South Asia operating 16 cancer hospitals in the region. AOI founded in 2012 by a group of physicians and industry experts, is today a wholly owned subsidiary of the largest cancer medical technology company - Varian Medical Systems, a Siemens Healthineers Company.