

# Advanced Treatment Modalities From ASIRI AOI Cancer Care Centre Offers Hope To Patients



Latest state-of-the-art technology is available for diagnosis and treatment.

The Asiri AOI Comprehensive Cancer Care Centre, launched in collaboration with the American Oncology Institute (AOI) is dedicated to offering patients the best treatment modalities through the latest technology available globally.

Asiri AOI Cancer Centre provides the full range of medical and support services, best-in-class treatment protocols, advanced technologies with a compassionate approach. Asiri AOI incorporates the latest science and the latest technology in its range of treatment modalities.

The TrueBeam STX linear accelerator, the latest in advanced radiosurgery technology, available at the Centre delivers dose rates twice faster than other machines, and offers unparalleled accuracy, speed, and precision, thereby minimizing the impact on patients' quality of life.

The Centre can put together diagnostic images from other machines such as the PET/CT, and CT simulation, assuring greater accuracy. Its MRI system and Gamma Camera contribute to the arsenal of insightful technology at Asiri AOI.

Before administering the comprehensive and personalized treatment, patients at Asiri AOI undergo a thorough checkup and diagnosis. AOI's centralized treatment planning unit in Hyderabad in consultation with Asiri AOI medical specialists prescribes the applicable doses. The Centre does not treat the patient immediately after the plan is approved: first treating a dummy. The dose distribution and the plan distribution is matched. More than 90 percent should be matched before the patient is treated. Dr Shama Goonatillake, Consultant Clinical Oncologist, Asiri AOI stated that this is conducted by a physicist and is quality assurance tested. The Centre monitors everything. The patient visits the Centre daily, and the competent team of nursing staff takes note of his or her vital signs, weight, pulse, blood pressure, body weight, and fatigue.

At Asiri AOI 'informed consent' is a crucial step in cancer patient education. Before treatment, the consultant in charge undertakes the responsibility to educate the patient on the procedures, the risks, and benefits and obtains their consent, while continuing to keep them informed. Asiri AOI practices the ability to discuss complex cases with an online International Tumor Board. Expert doctors from multiple disciplines review these cancer cases together and arrive at the appropriate treatment modality.

Driven by a unique model and goal to provide exceptional care, the Asiri AOI Cancer Centre also offers Radiation Oncology, Surgical and Medical Oncology, Diagnostics, Chemotherapy, as well as Palliative Care.

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