

# Radiation Oncology Services



A department of CAMC in  
partnership with Akumin

Introducing the TrueBeam  
Radiotherapy System

## Revolutionizing Precision Radiation Therapy



The TrueBeam® radiotherapy system is a state-of-the-art technology that is revolutionizing precision radiation therapy. It is fully equipped with integrated features, which allow patients to be treated quickly and precisely, potentially reducing their time spent in clinic. We invite you to explore the following six key benefits of the TrueBeam system.

**1. Precision and Accuracy:** The TrueBeam system is designed for high precision, allowing for the delivery of radiation therapy with sub-millimeter accuracy. This precision is crucial for targeting tumors while minimizing exposure to surrounding healthy tissues and organs, thereby reducing potential side effects.

**2. Versatility:** The TrueBeam system is versatile, capable of delivering a wide range of radiotherapy treatments, including stereotactic body radiotherapy (SBRT), stereotactic radiosurgery (SRS), and intensity-modulated radiotherapy (IMRT). This versatility allows for personalized treatment plans that can be adapted to the specific needs of each patient.

**3. Speed of Treatment:** The TrueBeam system can deliver treatment doses at a faster rate compared to some traditional systems. This speed can significantly reduce the duration of each treatment session, improving patient comfort and convenience without compromising the quality of the treatment.

**4. Non-Invasive Treatment:** Radiosurgery with the TrueBeam system is non-invasive, meaning that patients can often avoid the risks and recovery time associated with traditional surgery. This is particularly beneficial for patients who are not candidates for surgery due to their health status or the location of the tumor.

**5. Image-Guided Therapy (IGT):** The TrueBeam system incorporates advanced imaging technologies, allowing for real-time imaging during treatment. This capability ensures that the radiation dose is precisely delivered to the target, adapting to movements such as breathing, and allows for adjustments in real-time if necessary.

**6. Enhanced Patient Comfort:** Designed with patient comfort in mind, the TrueBeam system includes features that reduce the need for immobilization and allow for a more comfortable treatment position. The faster treatment times also mean that patients spend less time in discomfort or anxiety.

For more information about CAMC Radiation Oncology Services, or to become a referring provider, please visit [CAMCRadiationOncology.com](https://CAMCRadiationOncology.com) or call 304-388-1790.



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