

Introducing the Varian Clinac  
2100 iX Radiotherapy System

# Precise and Effective Radiation Therapy



The Varian Clinac 2100 iX™ radiotherapy system delivers a wide range of imaging and patient treatment options. 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 Clinac system.

**1. Precision and Accuracy:** The Clinac 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 Clinac system is versatile, offering a wide range of radiotherapy treatments, including external beam radiation therapy (EBRT), intensity modulated radiation therapy (IMRT), and 3-D conformal therapy. This versatility allows for personalized treatment plans that can be adapted to the specific needs of each patient.

**3. Speed of Treatment:** The Clinac 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:** Treatment with the Clinac 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 Radiation Therapy (IGRT):** The Clinac 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 Clinac 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 Alliance Cancer Center, or to become a referring provider, please visit [alliancecancercenter.com](https://alliancecancercenter.com) or call (662) 332-6150.