

Frequently Asked Questions about TomoTherapy

The TomoTherapy Hi×Art System® takes the challenges of today and makes them the solutions of tomorrow. Better planning, better image-guidance, better delivery.

Tomorrow Begins with Tomo®

What is Radiation Therapy?

Radiation therapy is a technique for treating cancer. It involves directing a very high-energy beam of radiation at the patient to kill cancer cells. The concept of using radiation therapeutically was developed by Madame Curie and has been used to treat cancer for over 80 years. A major challenge in the delivery of radiation is making sure that the radiation beam is precisely focused to the treatment site.

What is TomoTherapy?

The TomoTherapy Hi×Art System is a cancer treatment device that can locate the treatment site prior to the precise delivery of the radiation beam using the TomoImage™ feature. It is the only product in the market today with an on-board CT capable of visualizing the treatment site in a three dimensional (3D) mode. The TomoTherapy Hi×Art System delivers a sophisticated form of Intensity Modulated Radiation Therapy (IMRT) using a fine resolution multileaf collimator. One of the most important recent advances in radiation treatment, IMRT involves changing the size and shape and intensity of the radiation beam to conform to a patient's tumor, while sparing healthy tissue. The TomoTherapy Hi×Art System is the only fully integrated IMRT system on the market today.

How would I go about requesting a TomoTherapy treatment?

Your personal physician can tell if this new technique is right for your particular situation. Each patient is different and only a physician who is familiar with you and the details of your case can evaluate all of the different treatment options, including treatment on a TomoTherapy Hi×Art System.

Where can I find out more information about TomoTherapy?

<http://www.tomotherapy.com/>