

First U.S. Center to Treat a Patient with the new CyberKnife® M6™ System

PR Newswire

[Accuray Incorporated](#) [1] announced today that Lancaster General Health in Pennsylvania is the first U.S. center to treat a patient with the [CyberKnife® M6™ System](#) [2], the most advanced robotic radiosurgery system in the world and the latest generation of the CyberKnife System. The new CyberKnife M6 System was designed to provide clinicians with an enhanced stereotactic radiosurgery/stereotactic body radiation therapy (SRS/SBRT) solution that targets tumors non-invasively with precisely delivered, high doses of radiation that spare healthy tissue and minimize disruption to patients' lives.

The CyberKnife M6 System is a non-surgical option for many patients who have inoperable or surgically complex tumors, or who seek an alternative to surgery. In addition to the unmatched clinical capabilities of the previous CyberKnife System, afforded by non-isocentric, non-coplanar robotic beam delivery and real-time tracking and automatic correction for tumor motion, the redesigned M6 System can direct beams from a wider angle around the patient and provides a streamlined user interface for treatment delivery. The result is a system that enables the precise radiosurgical treatment of tumors anywhere in the body with minimal radiation exposure to surrounding healthy tissue and organs.

"Two weeks ago we successfully treated a patient with a liver tumor with our new CyberKnife M6 System. We have seen firsthand the positive outcomes we can achieve for our patients," said Jeffrey S. Eshleman, MD, Director of Radiation Oncology, Lancaster General Health . "We look forward to bringing this technology to more patients and providing them with enhanced quality and highly precise radiation therapy treatments."

"Accuray developed the CyberKnife M6 System to meet the radiation oncologist's growing need for an efficient, accurate and flexible treatment option that can be applied to a wide variety of patients," said Joshua H. Levine, president and chief executive officer of Accuray. "On the heels of adoption in Europe, we are pleased to be working with Lancaster General Health to lead the way for patients in the U.S. to receive personalized radiation treatment."

The Ann B. Barshinger Cancer Institute, part of Lancaster General Health, is a state of the art, two-story, 70,000 square foot facility opening in July 2013 in Lancaster, Pa. The new center will provide advanced technology and integration of cancer care, bringing medical oncologists, radiation oncologists, surgeons and other cancer specialists together in one, centralized location with access to existing services, including the Suzanne H. Arnold Center for Breast Health. The new Cancer Institute will feature a new radiation wing with the latest diagnostic and treatment technologies, including the new CyberKnife M6 System.

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Links:

[1] <http://www accuray.com/>

[2] <http://www accuray.com/solutions/treatment-delivery/cyberknife-treatment-delivery/m6-series>