

Outpatient Full-Body Radiosurgery Becomes Even Faster, Easier, and More Accurate with New CyberKnife® Technology

Two new state-of-the-art products launch this week during the American Society for Therapeutic Radiology and Oncology (ASTRO) Annual Meeting

Sunnyvale, California, October 20, 2003 – Accuray Incorporated, the world leader in full-body image-guided radiosurgery with proven sub-millimeter accuracy, announced today that it is introducing two new state-of-the-art products for its core technology, the CyberKnife® Stereotactic Radiosurgery System. These products are being unveiled at the American Society for Therapeutic Radiology and Oncology (ASTRO) Annual Meeting held in Salt Lake City, Utah this week. The new products, **CK-6°™ Tracking Software** and the **AXUM™ Remote-Controlled Treatment Couch**, significantly enhance performance, ease of use, and accuracy of Accuray's clinically proven CyberKnife® Radiosurgery technology. **CK-6°™ Tracking Software** is available for immediate commercial release. **The AXUM™ Remote-Controlled Treatment Couch** is scheduled for commercial release in the next few months. Both will be demonstrated at the ASTRO Annual Meeting (Booth #2523).

CK-6°™ Tracking Software – The CK-6°™ tracking software provides unparalleled accuracy in patient alignment and treatment. Using CK-6°™ tracking software, the CyberKnife® System is able to identify tumor position and correct for patient movement in all 6 degrees of freedom. This unique software is based on improved algorithm that received clearance from the U.S. Food and Drug Administration (FDA) in September 2003. The algorithm enables patient alignment and treatment to be performed more rapidly and with sub-millimeter accuracy, reducing overall patient treatment times while ensuring maximum accuracy. The benefit for patients is that smaller, more complex-shaped tumors may be treated with non-invasive CyberKnife® radiosurgery, eliminating the large incisions, risk of complications, and lengthy recovery time associated with conventional open surgery. The superior accuracy of the CyberKnife® System also allows it to treat many patients with lesions diagnosed as inoperable or untreatable with other radiosurgery systems.

AXUM™ Remote-controlled Treatment Couch - The AXUM™ remote-controlled treatment couch seamlessly integrates precise patient alignment and treatment. Using Accuray's proprietary advanced image guidance technology, the AXUM™ treatment couch automatically and remotely aligns the patient for treatment, with sub-millimeter accuracy, in less than one minute. Rapid alignment is performed precisely in an easy, one-step automated process that maximizes patient throughput.

Chief Executive Officer of Accuray, Euan Thomson, Ph.D., said, "These new technologies are exciting additions to a suite of products we are releasing as part of our commitment to providing faster, easier, and more accurate full-body radiosurgery solutions. We have termed our commitment **CK³™** which represents these key elements; *fast, easy, accurate*. We believe that by focusing our efforts on **CK³™**, Accuray will continue to help physicians treat more patients with advanced, non-invasive radiosurgery."

“The CyberKnife® System with the AXUM™ treatment couch and CK-6™ tracking software represents what we believe is the world’s most accurate radiosurgery system, achieving clinically relevant sub-millimeter accuracy from planning to set-up and through the entire treatment. The end result is a superior technology for patients. It also widens our competitive advantage over other systems by enhancing accuracy and ease of use, while reducing overall set-up and treatment time.”

David Larson, M.D., Ph.D., Professor of Radiation Oncology at University of California San Francisco (UCSF) Medical Center, commented, “The CyberKnife® technology is an exciting advance in the radiation therapy field that will likely become an important tool in the management of cancer and other diseases throughout the body. As a customer of Accuray, I commend their commitment to continual improvement of this novel technology.”

The CyberKnife® Stereotactic Radiosurgery System is a non-invasive, 100% frameless radiosurgery system that can ablate tumors and other lesions anywhere in the body without open surgery. The CyberKnife® System delivers multiple beams of precisely directed radiation that converge upon the tumor while minimizing injury to surrounding healthy tissue. The CyberKnife® System is the only system that integrates image-guidance and robotic delivery of radiation with clinically proven sub-millimeter accuracy. Existing conventional systems rely on an external metal frame attached to the skull for target localization, which limits their application to lesions in the head. The CyberKnife® System instead uses internal reference points in the anatomy (skeletal landmarks or small implanted markers) to enable frameless treatment of lesions anywhere in the body.

About the CyberKnife® System:

The unique CyberKnife® technology was developed in cooperation with Stanford University and was cleared by the FDA in August 2001 and received the CE approval in September 2002 to provide radiosurgery for lesions anywhere in the body when radiation treatment is indicated. To date, the CyberKnife® System has been used to treat more than 6,000 patients worldwide.

The CyberKnife® System is the only radiosurgical system in the world incorporating robotics and image-guidance to treat tumors throughout the entire body with T⁴ or Tight to the Tumor conformality. The CyberKnife® System treats in single or staged (typically 2-5) sessions and incorporates logic that precisely corrects for patient movement during actual treatment delivery. The sub-millimeter accuracy achievable by the system allows higher doses of radiation to be used, which provides the potential for greater tumor-killing efficacy and greater likelihood of cure.

About Accuray:

Accuray is a privately held corporation whose primary focus is to revolutionize the treatment of solid cancers throughout the body by the precise delivery of high doses of radiation using the CyberKnife® Stereotactic Radiosurgery System. Through the development and promotion of the CyberKnife® System and participation in ongoing clinical research at prominent academic hospitals, Accuray will help make stereotactic radiosurgery a viable and accessible option for patients all over the world. Located in Sunnyvale, California, the heart of the Silicon Valley, the company designs, manufactures, and distributes the CyberKnife® Radiosurgery System worldwide.

For more information on Accuray or the CyberKnife® please contact:

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