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For Immediate Release

Live Internet Broadcast of CyberKnife Spine Radiosurgery To Be Hosted at Atlantic Health's Overlook Hospital

SUMMIT, NJ OCTOBER 7, 2005 - Neurosurgeon, Brian Beyerl, MD, and radiation oncologist, Louis Schwartz, MD, at Atlantic Health System's Overlook Hospital will treat a tumor on the spine using the revolutionary CyberKnife® Radiosurgery System, live over the Internet, on Thursday, October 20, 2005 at 1:00pm. The radiation procedure is available to viewers at <http://www.or-live.com/overlook/1286> nationwide in real time.

The web cast is the first in a series of medical procedures at Overlook Hospital (www.atlanticealth.org) to be broadcast live over the Internet and represents the latest approach in a growing trend to satisfy consumers' increasing desire for detailed health information and for viewing what goes on in the nation's operating rooms.

The broadcast will feature a new and unique treatment to a tumor on the lower spine using the CyberKnife -- the most advanced radiosurgery device used by physicians today. The CyberKnife, known for its sophisticated technology, exceptional accuracy and non-invasive characteristics, will shrink the tumor on the spine without using anesthesia and without causing any pain to the patient. The CyberKnife is the latest weapon in the medical arsenal to fight cancer and benign tumors and enables patients to have successful "surgery" without scalpels or blood.

On October 20th, Drs. Beyerl and Schwartz will treat a 46 year old patient whose breast cancer has metastasized to the thoracic spine. Since the CyberKnife arrived at Overlook more than one year ago, 150 patients have been treated for tumors in the brain, spine, lung, pancreas, pituitary, and adrenal gland. The CyberKnife can also treat tumors in the liver and prostate. Other conditions successfully treated by the CyberKnife are arterial venous malformations (groups of abnormal vessels in the brain) and trigeminal neuralgia (intense facial nerve pain). Most of these individuals had been told their condition was inoperable until the CyberKnife technology became available to them.

The CyberKnife surgery, is gaining popularity - though only a handful of radiation oncologists and surgeons in the country currently practice it. Overlook Hospital in Summit, NJ was the first medical center in the northeast with the CyberKnife technology.

"We see this opportunity to show radiosurgery online as an exciting teaching tool for our medical staff, and a compelling way for patients and their families to learn more about their own health care and allay any fears about a potential medical procedure," said Norman Luka, MD, medical director, clinical affairs, Overlook Hospital.

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THE PASSION TO LEAD

A July 2003 report by the PEW Internet and American Life Project found that half of all American adults have used the Internet to find health information and used it to prepare for appointments and surgery. The same study also reported that these health information seekers found that their health information services and their relationships with their doctors improved. More information about the CyberKnife can be found on www accuray.com.

This live web cast at <http://www.or-live.com/overlook/1286> is part of a series designed to educate the public, and doctors and medical students about the latest medical techniques taking place at two Atlantic Health System hospitals: Overlook Hospital in Summit and Morristown Memorial Hospital.

How are patients treated with the CyberKnife?

The CyberKnife uses a combination of robotics and image-guidance technology to deliver precisely targeted doses of radiation to tumors – even tumors that are beyond the reach of other radiosurgery systems. The CyberKnife treats tumors in the brain and body, and is the only commercial application of robotic stereotactic radiosurgery for the spine and spinal cord.

The CyberKnife features a linear accelerator, or radiation source, mounted on a movable robotic arm. The patient lies on the table while image-guidance cameras locate the exact position of the tumor. Once the tumor's position has been precisely mapped, the linear accelerator attached to the robotic arm goes to work, delivering multiple, highly-focused beams of radiation from many targeting positions and angles. These beams all intersect within the tumor, delivering a cumulative dose of radiation large enough to control the cancerous or abnormal cells. The sub-millimeter level of accuracy achieved by the CyberKnife, allows higher doses of radiation to be used, which provides the potential for greater tumor-killing efficacy and greater likelihood of cure.

The image-guidance system allows the robotic arm to locate the tumor, in real time, throughout treatment and correct for small patient movements. The CyberKnife is so precise, that radiation can be matched to the exact shape of small, complex tumors located near critical structures, such as the optic nerve or brain stem. This ability allows the CyberKnife to treat, what are otherwise considered inoperable tumors, with maximum doses of radiation while avoiding injury to surrounding healthy tissue.

The average CyberKnife treatment takes about an hour and is usually completed in three treatment sessions. Depending on the condition being treated and tumor-size, individual doses can be adjusted.

Approximately eight weeks after internal swelling at the treatment site has decreased, the patient will have an MRI or CT scan to measure the success of treatment.

The CyberKnife surgery Webcast on October 20th will be moderated by neurosurgeon, Brian Beyerl, MD and radiation oncologist, Louis Schwartz, MD. Log on to <http://www.or-live.com/overlook/1286>.

Future surgical broadcasts at Overlook and Morristown Memorial will go live in Winter 2005 and Spring 2006.

Overlook Hospital, www.atlantichealth.org, is a 504-bed not-for-profit community hospital with more than 1,100 attending

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physicians. Overlook has a new, expanded Emergency Department with specialty areas for pediatrics, geriatrics, chest pain, radiology, and a Fast Track System - so patients with minor problems do not get back-logged. The Neuroscience Institute includes the Brain Tumor Center of New Jersey, Columbia Epilepsy Center, Geriatric Center and Stroke Program. The Frank and Mimi Walsh Maternity Center boasts 24 private mother/baby rooms and a new state-of-the-art Neonatal Intensive Care Unit with the largest pediatric surgery group in New Jersey. Overlook Hospital is a clinical affiliate of the University of Medicine and Dentistry of New Jersey New Jersey Medical School, and is a research Partner with The Cancer Institute of New Jersey.

Atlantic Health System (www.atlantichealth.org) is one of the largest non-profit health care systems in New Jersey and includes Morristown Memorial Hospital, Overlook Hospital in Summit, and Mountainside Hospital in Montclair/Glen Ridge. The three hospitals have a combined total of 1,585 licensed beds and 2,600 affiliated physicians providing a wide array of health care services to the five million residents of 11 Northern and Central New Jersey counties. Atlantic Health System is accredited by the Joint Commission for Accreditation of Health Care Organizations (JCAHO).

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