

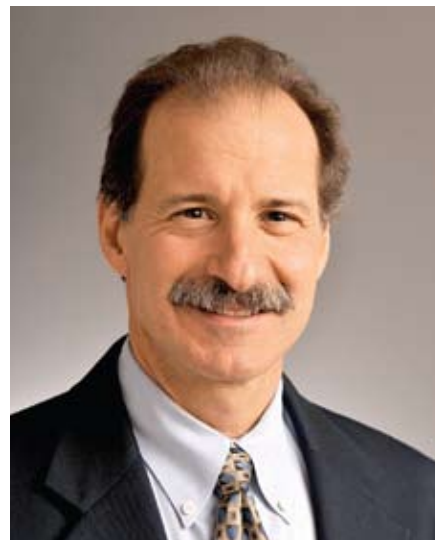
MEDICAL
SECTION

FINEST HOSPITALS

CYBERKNIFE CENTER OF CHICAGO



CyberKnife® Robotic Radiosurgery System



Dean Conterato, MD, radiation oncologist and medical director at CyberKnife Center of Chicago.

CyberKnife Robotic Radiosurgery System Treats Harmful Tumors Anywhere in the Body

A cancer diagnosis affects you and your family in an instant. What is the prognosis? What are your treatment options? What are the side effects and impact on quality of life? These, and many more questions, can flood your mind as you sort out your options. Fortunately, a cutting-edge cancer treatment performed at the CyberKnife Center of Chicago, located in the Cancer Care Center at Elmhurst Memorial Hospital, may make these decisions a little easier.

Radiation therapy has traditionally required five to eight weeks of treatment in order to minimize damage to surrounding healthy tissues while attaining the necessary amount of radiation to the tumor. Now there is a safer, more accurate, and aggressive way of focusing radiation onto a tumor—stereotactic radiosurgery. Initially developed for brain tumors, stereotactic radiosurgery is a method of converging many small radiation beams into the tumor. As a result, the tumor receives a more potent dose of

radiation while sparing the surrounding healthy tissue.

CyberKnife uses a robotic manipulator to deliver narrow radiation beams from various angles around the body, guided by constant digital imaging of the tumor location. CyberKnife is the world's only dedicated stereotactic radiosurgery device that can track moving tumors in the body by accounting for breathing movement. This method requires only one to five total treatments and can be more effective than conventional radiation. Stereotactic radiosurgery provides a pain-free, non-surgical option for patients with inoperable tumors, and sometimes provides an alternative to surgery that has no post-operative recovery time, so patients can immediately resume normal activity.

CyberKnife is now being used to treat many early stage cancers or small secondary tumors throughout the body, including the spine, lung, liver, pancreas, kidney, and prostate.

CyberKnife Center of Chicago opened in August 2009 and is the first facility in the greater Chicago area to install the

next generation CyberKnife System, decreasing treatment time in half.

The center is a US Radiosurgery facility and is a service of Elmhurst Memorial Hospital in partnership with Nuclear Oncology Medical Care. For more information about CyberKnife Center of Chicago call 630-758-5588 or visit www.chicagock.com.

**CYBERKNIFE CENTER
OF CHICAGO**

Revolutionizing treatment. Restoring hope. Improving lives.

200 Berteau Ave.
Elmhurst, IL 60126
630-758-5588
www.chicagock.com