

IMAGE GUIDED ROBOTIC TECHNOLOGY

CyberKnife Stereotactic Radiosurgery

The Most Advanced Radiation Treatment in the Region



CYBERKNIFE® CENTER
OF CHICAGO

Revolutionizing treatment. Restoring hope. Improving lives.

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Stereotactic Radiosurgery

Precisely Delivering Radiation While Sparing Surrounding Healthy Tissue

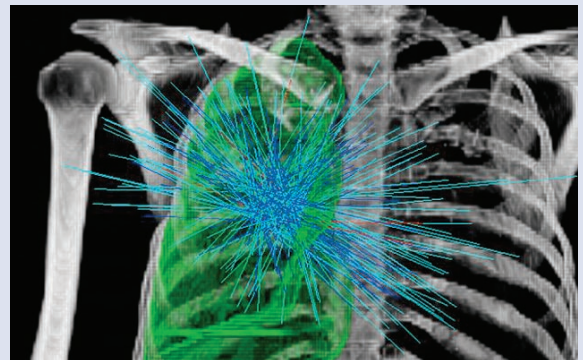
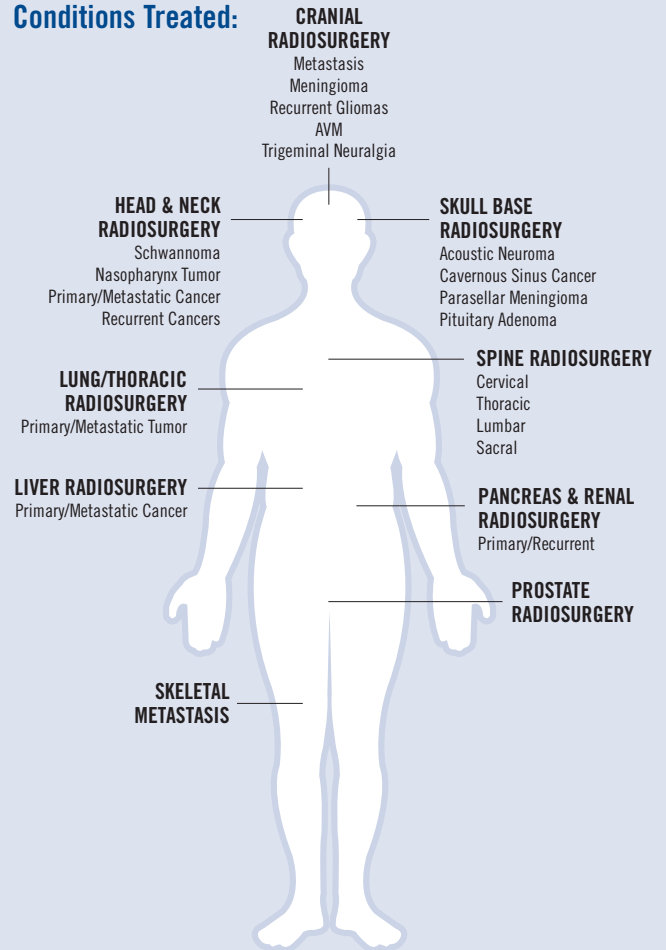
- ▶ According to the American Cancer Society, 1 in 2 men and 1 in 3 women in the United States will receive a cancer diagnosis in their lifetime.* Stereotactic radiosurgery (SRS) has been successfully used to treat intracranial lesions since the 1960s with the evolution of the Gamma Knife. But now, newer technologies provide radiosurgery for cancer and other conditions throughout the body.

The CyberKnife® is the world's first and only robotic radiosurgery system for the body. Using hundreds of highly concentrated and incredibly precise beams of radiation, the CyberKnife enables the clinician to conform the dose to the tumor while preserving surrounding healthy tissue. It is the only technology that tracks tumors in real time with continual image guidance offering radiosurgical accuracy throughout treatment. The CyberKnife is capable of treating tumors in the brain, spine, lung, liver, pancreas, prostate and more.

CyberKnife Benefits:

- Treatments delivered in one to five outpatient visits compared to conventional radiation therapy which requires 30-40 visits
- Non-coplanar treatments enable dose escalation with sub-millimeter accuracy
- Continually tracks and detects tumors and patient movement in real time
- Treats tumors anywhere in the body with high control rates
- No hospital stay or post-operative recovery
- Non-invasive treatments provide extreme comfort for patients

Conditions Treated:



The sub-millimeter accuracy of the CyberKnife ensures protection of surrounding critical structures.



*Top Row: Dr. Andy W. Su, Dr. Joy Coleman
Bottom Row: Dr. Alex Phillips, Dr. Dean Conterato*

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The team at CyberKnife Center of Chicago



**Elmhurst Memorial
Healthcare**

CyberKnife Center of Chicago is a service of Elmhurst Memorial Hospital.