



Advanced  
tumor treatment.  
Precise.  
Comfortable.  
Convenient.

 **Mather Hospital**  
Northwell Health®

**Precision CyberKnife of New York**

“Precision CyberKnife is one of the most amazing breakthroughs in radiation delivery that I’ve seen.”

- Dr. Martin Silverstein  
Radiation Oncologist  
New York Cancer & Blood Specialists

## Advanced Expertise and Technology That’s All Focused on You.

When you have cancer, what’s important to you is treating the tumor and getting back to living your life.

At Precision CyberKnife of New York, our experienced, dedicated and compassionate clinical team uses sophisticated technology to treat your tumor — with precision, comfort and convenience — that won’t dramatically interrupt your life.

Our state-of-the-art, precisely focused robotic radiosurgery system can treat inoperable or surgically complex tumors with less pain and more comfort, letting you immediately return to your normal activity.

Precision CyberKnife technology involves no cutting. Instead it directs thousands of beams of high-dose radiation with pinpoint accuracy to target your tumor. CyberKnife minimizes exposure to healthy surrounding tissue, avoiding many of the short and long-term side effects of conventional radiation treatments.



Richard & Kathy  
Aquebogue

We deliver an intensely focused, precisely targeted and highly successful approach to treating your cancer — in less time, with less pain and in a convenient community setting.

### **More Benefits for You.**

- Fewer treatments
- More effective targeting of your tumor
- Pinpoint targeting protects surrounding healthy tissue
- More comfort during your treatments
- Pain-free
- Non-invasive
- No anesthesia
- No recovery time
- Immediate return to normal activity
- No or minimal side effects
- Convenient community setting

### **A Partnership That Starts With You.**

We created Precision CyberKnife to ensure all of our skill, expertise, technology and resources are focused on a single goal — treating your tumor with precision, comfort and convenience.

Precision CyberKnife is a partnership between Mather Hospital and New York Cancer & Blood Specialists, bringing you an unparalleled combination of technology, support and collaboration.



“My treatment took days instead of weeks or months.”

Every care plan is personalized for you. And we make sure you — and your referring doctors — stay informed every step of the way.

### **How Precision CyberKnife Works.**

Precision CyberKnife, a robotic radiosurgery system, isn't surgery at all. It's an advanced treatment for cancerous and non-cancerous tumors that offers a non-invasive, non-surgical approach to your care.

The Precision CyberKnife system is composed of a radiation delivery device called a linear accelerator, which is mounted on a robotic arm. The flexibility of the robotic arm enables the technology to deliver radiation to tumors anywhere in your body.

The technology uses sophisticated software and advanced imaging to track tumor and patient movement. With this real-time imaging and tracking capability, highly concentrated beams of radiation are delivered to your tumor with an exceptionally high degree of accuracy. Because

of this real-time guidance, Precision CyberKnife eliminates the need for you to restrict your movement or to hold your breath — a requirement that is typical with many traditional radiation therapy treatments.

### **Is Precision CyberKnife Right for You?**

Precision CyberKnife can be used for many types of tumors — including those located in the brain, lung, spine, liver, pancreas, kidney and prostate — as well as some types of metastatic disease. It can be an effective treatment option for situations that would otherwise be inoperable or too complex for surgery.

▶ **To find out if Precision CyberKnife is an appropriate treatment for you, contact us at (631) 675-5399.**

To learn more about Richard's story, visit: [precisioncyberknifeofny.org/richard](http://precisioncyberknifeofny.org/richard)





## Precision CyberKnife of New York

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