

ZONING COMMISSION
District of Columbia
CASE NO.05-06
EXHIBIT NO.17C



CyberKnife® Radiosurgery Center: Where medical experts collaborate with the patient as the central focus.

UNLIKE ANY OTHER RADIOSURGERY CENTER IN THE WORLD

A Futuristic Operating Room where Surgery is Performed with:

- No incisions
- No blood
- No anesthesia
- No recovery time

A Revolutionary Full-Body Radiation Suite where:

- Complex-shaped tumors are ablated with T⁴ (Tight-to-the-Tumor) IMRT conformality.
- Radiation beams track & destroy moving targets with minimal effect on healthy tissue.
- Staged radiosurgery (2-5 fractions) reduces damage to surrounding critical structures.
- Procedures are 100% frameless with the ability to achieve submillimeter accuracy.[1]

The CyberKnife® System allows physicians to offer patients revolutionary treatment alternatives with its ability to achieve submillimeter accuracy and superior T⁴ conformality.[2]

Open a National Referral Center for CyberKnife® Radiosurgery

Become a National Referral Center for CyberKnife® radiosurgery and attract incremental patients to your hospital where they will have access to comprehensive treatment alternatives for tumors anywhere in the body.

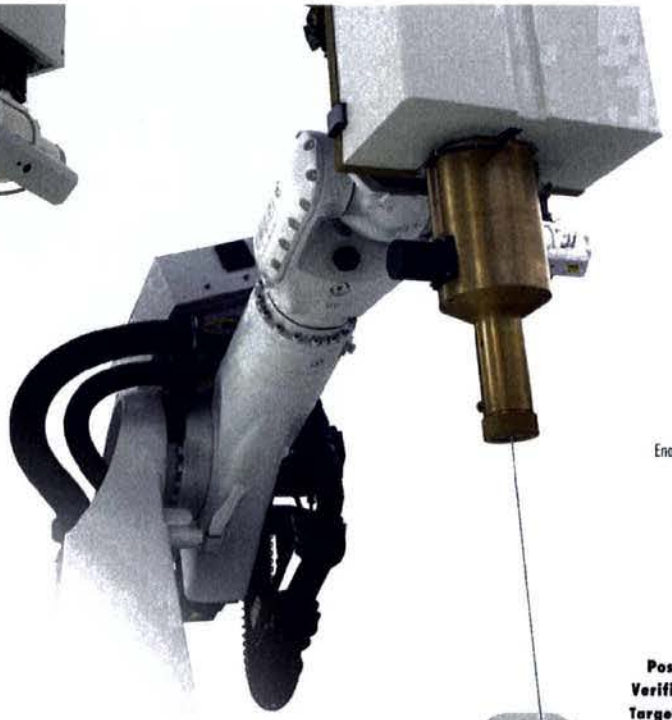
Treat patients who:

- Are otherwise diagnosed as inoperable.
- Are too young for frame-based radiosurgery.
- Want or need an alternative to traditional open surgery.
- Have received the maximum allowable dose of radiation.
- Do not want to undergo a treatment using a stereotactic frame.
- Do not want an additional operation to remove a recurrent or residual tumor.
- Will benefit from newly evolving full-body CyberKnife® applications.

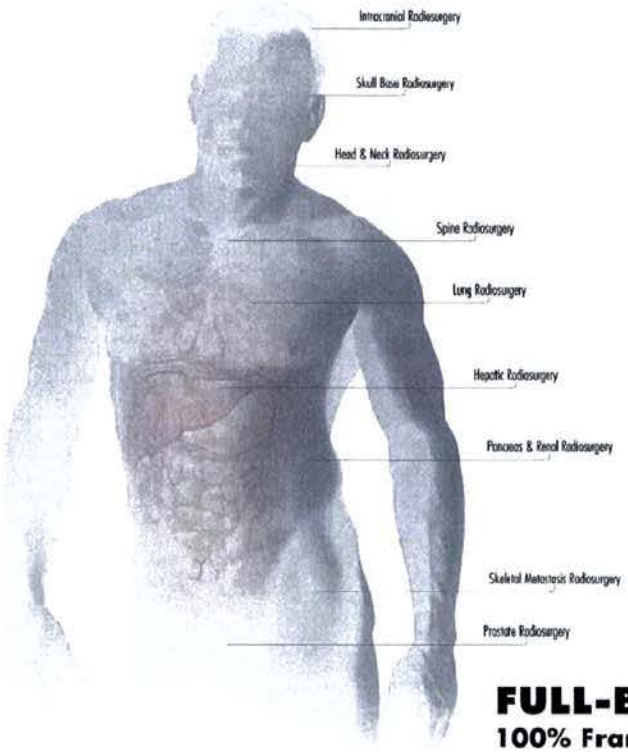
THE POWER OF T⁴ TECHNOLOGY

Cyberknife® Tight-to-the-Tumor (T⁴) Radiosurgery with Ultimate Conformality









FULL-BODY
100% Frameless
T⁴ Radiosurgery



INTEGRATION OF TWO REVOLUTIONARY TECHNOLOGIES

Proprietary Image-Guidance System
Tracks and verifies tumor location to enable automatic compensation for tumor movement.

Multi-Jointed Robotic Arm
Enables access to previously unreachable tumors and reduces damage to surrounding critical structures.

Integration of these unique technologies allows physicians to treat complex-shaped tumors with clinically proven accuracy that has been demonstrated to be comparable, if not superior, to frame-based radiosurgical systems.[3]

Simple Outpatient Treatment Process

Planning: CT scanning and advanced treatment planning are utilized.
Positioning: The patient lies on a table with only a face mask or body mold used for immobilization.
Verification: The image-guidance system verifies tumor location and compares it to previously stored data.
Targeting: When tumor movement is detected, the robotic arm is repositioned within a fraction of a second.
Repeat: This verification process is repeated prior to delivery of each radiation beam.
Treatment: Hundreds of finely collimated radiation beams deliver precision radiosurgery to the tumor.
Completion: Following CyberKnife® treatment, the patient goes home. There is zero recovery time.

CyberKnife® T⁴ Radiosurgery
A new standard in IMRT conformality



100% frameless
Ability to achieve submillimeter accuracy [4]



Isocentric or non-isocentric treatment planning
Up to 1,200 possible angles / positions

[3] [4]



Protecting Patients, Saving Lives

The CyberKnife® story is about giving patients new hope, especially patients diagnosed as inoperable and otherwise untreatable. Radiosurgery treatments are now possible anywhere in the body.

CyberKnife® patient benefits:

- No incision
- No blood
- No pain
- No anesthesia
- No stereotactic frame
- No recovery time
- Immediate return to normal activity

Treating Patients While Cutting Hospital Costs

The CyberKnife® System helps improve clinical outcomes, cut costs and improve overall productivity and efficiency. This is made possible by reducing or eliminating many of the expenses and complications associated with open surgery.

The CyberKnife® Patient

"The CyberKnife® saved my life without invasive surgery." Tomye, recurrent peri-optic meningioma, successful treatment completed September, 1998.

"The CyberKnife® treatment provided me with the only possibility of leading a normal life without paralysis." Valorie, spinal AVM, successful treatment completed July, 1997.

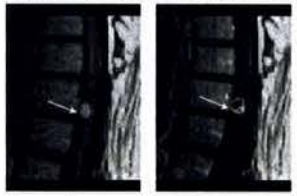
"I looked for another alternative when I was told a 7-hour surgical procedure would result in the loss of a balance nerve, and possible damage to a facial nerve. After the 90-minute CyberKnife® treatment my wife and I went out for a glass of wine. It's been 4 years since my treatment and I believe the CyberKnife® procedure gave me a second chance at life." Donald, acoustic neuroma, successful treatment completed May, 1999.

"I came to the CyberKnife® Treatment Center in a wheelchair having had the maximum possible radiation treatment. After the CyberKnife® treatment, I resumed working out and taking long walks. I credit the CyberKnife® technology with helping me stay one step ahead of cancer." Anne, spine tumor, successful treatment completed November, 2002.

THE POWER TO HEAL

SPINE

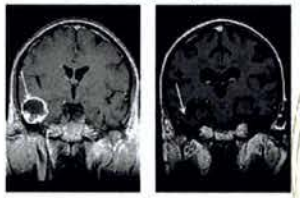
Extracranial Treatment - T9 Level Extramedullary Schwannoma



before 2 year follow-up

BRAIN

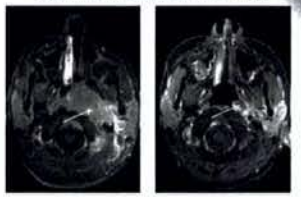
Metastasis to the Right Temporal Lobe



before 2 year follow-up

ENT

Nasopharynx Carcinoma
Extracranial Treatment of the Right Nasopharynx



before 2 year follow-up

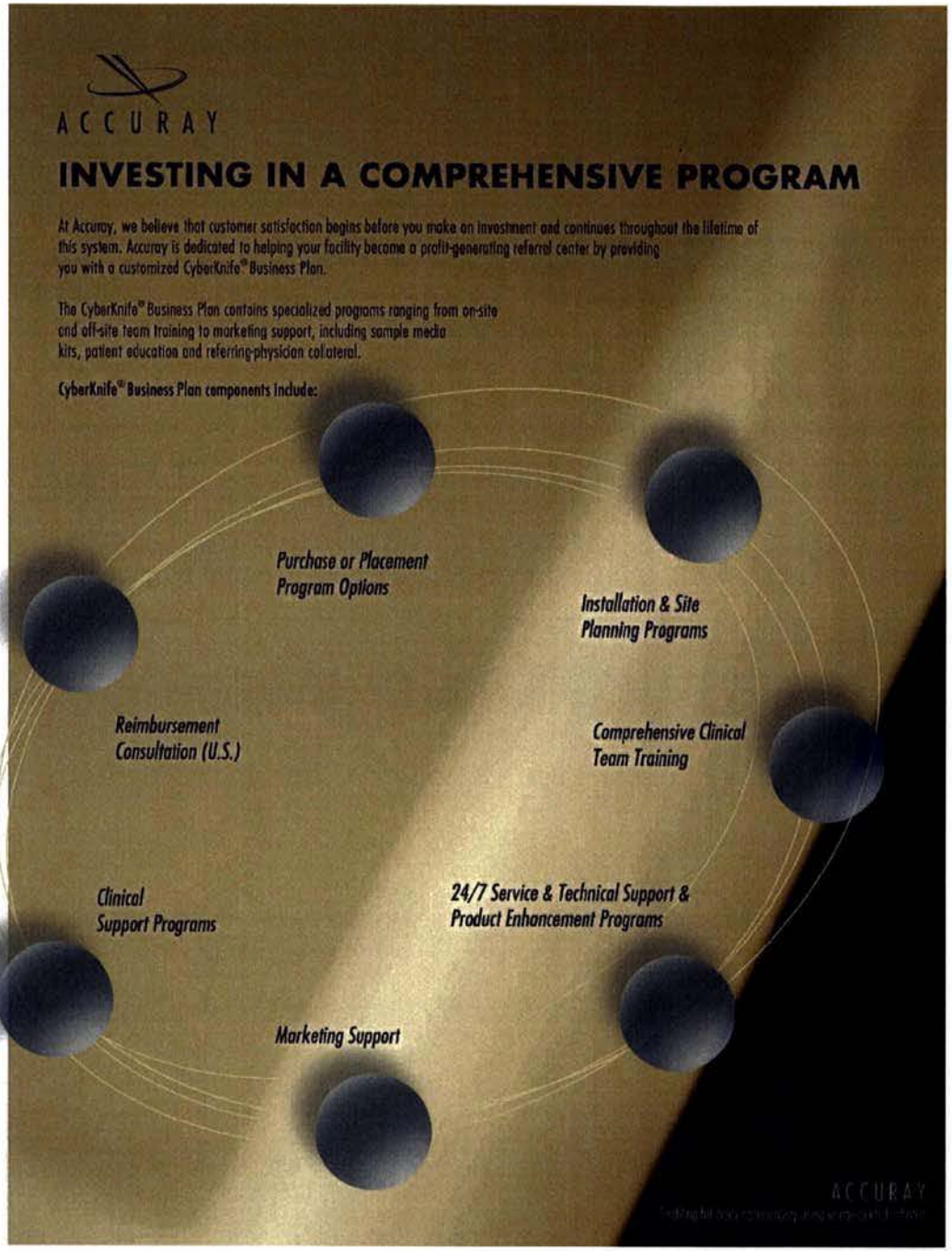
ACCURAY

INVESTING IN A COMPREHENSIVE PROGRAM

At Accuray, we believe that customer satisfaction begins before you make an investment and continues throughout the lifetime of this system. Accuray is dedicated to helping your facility become a profit-generating referral center by providing you with a customized CyberKnife® Business Plan.

The CyberKnife® Business Plan contains specialized programs ranging from on-site and off-site team training to marketing support, including sample media kits, patient education and referring-physician collateral.

CyberKnife® Business Plan components include:



ACCURAY

What Patients are Saying about the CyberKnife® Treatment:

"The CyberKnife® provided me the only possibility of leading a normal life without paralysis."
Valorie, spinal AVM

"I looked for an alternative when I was told a 7-hour surgical procedure would result in the loss of a balance nerve, and possible damage to a facial nerve. After the 90-minute CyberKnife® treatment, my wife and I went out for a glass of wine. It's been 4 years since my treatment, and I believe the CyberKnife® procedure gave me a second chance at life."
Donald, acoustic neuroma

"The CyberKnife® saved my life without invasive surgery."
Tomye, recurrent peri-optic meningioma

"I came to the CyberKnife® Treatment Center in a wheel chair, having had the maximum possible radiation treatment. After the CyberKnife® treatment, I resumed working out and taking long walks. I credit the CyberKnife® technology with helping me stay one step ahead of cancer."
Anne, spinal tumor











CyberKnife® Radiosurgery

Welcome to Our Facility
Your First Visit: What to Bring

- Your MRI and/or CT scans for comparison
- Records of any prior tests, medical, surgical or radiation treatments
- Dates of medical procedures related to your condition such as surgery, radiation, chemotherapy
- Audiogram results (if applicable)
- Vision tests (if applicable)
- Endocrine studies (if applicable)

Cyber Knife
Patient Support Group

For more information, visit:
www.cyberknifesupport.org

The CyberKnife® System is a product of Accuray Incorporated
www.accuray.com

Enabling full-body radiosurgery using image-guided robotics
Accuray Worldwide Headquarters, 1310 Chesapeake Terrace, Sunnyvale, CA 94089
US/Canada: 888-522-3740, 408-522-3740 International: +001-408-522-3740
US Patents # 5,207,223; 5,427,097; 5,430,308; 6,144,875; 6,501,981. Other patents pending.

CyberKnife® Radiosurgery

A Patient's Guide



Painless Treatment for Tumors and Lesions Anywhere in the Body

ACCURAY











The CyberKnife® Story is About Patients

The CyberKnife® story is about giving new hope to patients, especially patients with lesions diagnosed as inoperable and otherwise untreatable.

CyberKnife® Patient Benefits:

- No incision
- No blood
- No pain
- No anesthesia
- No stereotactic frame
- No recovery time
- Immediate return to normal activity

CyberKnife® Radiosurgery

Giving patients new hope

What is CyberKnife® Radiosurgery?



CyberKnife® radiosurgery is a precise, painless, non-invasive radiation treatment that can be an alternative to open surgery in certain cases.

Multiple beams of high energy radiation are delivered from multiple points outside of the body and converge precisely at the tumor or lesion inside the body. Each individual beam is not sufficient to cause harm, but the convergence of all the beams at the tumor results in the lesion receiving a very high dose of radiation while sparing nearby normal tissue.

CyberKnife® radiosurgery is so precise, radiation beams can be sculpted to small, complex-shaped tumors near critical structures, such as hearing and vision nerves. This ability to accurately irradiate only the tumor and protect healthy tissue allows the CyberKnife® to treat many lesions which may be considered inoperable or untreatable with other radiosurgery systems... giving many patients new hope.

How does the CyberKnife® work?

The CyberKnife® is a revolutionary new way of performing stereotactic radiosurgery - it combines two advanced technologies:



1. The first innovation is a lightweight radiation delivery system mounted on a **multi-jointed robotic arm.** The robotic arm provides unparalleled access to tumors anywhere in the body, reaching areas of the body that are untreatable with other radiosurgery systems and allowing more flexible delivery of radiation for optimum treatment.

2. The second innovation is an **image guidance system.** This advancement allows the CyberKnife® System to locate the tumor throughout treatment and correct for small patient movements, which allows radiation to be delivered without the use of a stereotactic frame.



Donald, CyberKnife® Patient

What makes CyberKnife® so unique?

100% Frameless:
The ability of the CyberKnife® System to correct for patient movement during treatment spares you from the pain and inconvenience associated with the conventional head frame that must be affixed to the skull with screws. Published studies have shown that frameless CyberKnife® radiosurgery is as accurate - if not more so - than traditional frame-based radiosurgery.

Full Body Capability & Staged Treatment:
The unique design of the CyberKnife® System allows it to deliver precise high dose radiation not just to lesions in the brain but to lesions in the spine and other organs throughout the body. In addition, because no frame is required, the CyberKnife® System can perform "hypo-fractionated" or staged radiosurgery - where the total radiation dose is divided into 3-5 smaller doses. This is especially beneficial for treating lesions near sensitive structures and larger tumors because it better protects surrounding healthy tissue.

Painless Surgery:
The CyberKnife® System allows you to be treated in a unique radiosurgery suite where painless "surgery" is performed on an outpatient basis, eliminating the risk of complications and lengthy recovery time associated with traditional open surgery.

Better Quality of Life During & After Treatment:
The simple outpatient CyberKnife® procedure allows you to undergo your treatment and immediately resume normal activities.

Is the CyberKnife® clinically proven?

The CyberKnife® System is based on radiation technology that has been proven for over 30 years. Thousands of patients have received CyberKnife® treatments worldwide, and many clinical studies with the CyberKnife® have been published in medical journals.

What types of tumors can be treated?

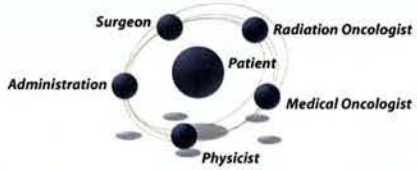
The CyberKnife® System is cleared by the FDA to treat tumors and lesions anywhere in the body when radiation treatment is indicated. Consult with your physician to see if the CyberKnife® treatment is right for you.

Where can I find more information on the CyberKnife®?

The CyberKnife® Society, a coalition of physicians and affiliated healthcare professionals specializing in CyberKnife® radiosurgery, has a website at www.cksociety.org that provides extensive patient information. In addition, you can contact other patients who have undergone CyberKnife® radiosurgery through the CyberKnife® Patient Support Group (www.cyberknifesupport.org). The manufacturer website (www.accuray.com) is another good resource with helpful information.

Who will be involved in my treatment?

CyberKnife® treatment utilizes a team approach where medical experts collaborate with you as their central focus. Team members may include your surgeon, radiation oncologist, medical oncologist, physicist, and other team members within the hospital.



Simple Outpatient Treatment

Step 1: Treatment Setup

Fiducial Placement
If you are undergoing CyberKnife® treatment for a spinal or body (non-head) lesion, you may require a short outpatient procedure to implant several small metal markers (fiducials) near the tumor to enable the CyberKnife® System to track tumor position throughout treatment. Lesions in the head do not require this step.



Making a Mask or Body Mold
A custom soft mask (for head/neck treatments) or body mold is formed and used to help minimize movement during the treatment and ensure your comfort. The process is simple and painless.



Imaging
A CT scan is performed. Your surgeon and radiation oncologist use the scan to identify the exact size, shape and location of the tumor along with the surrounding vital structures to be avoided.

Step 2: Treatment Planning

The CT data is downloaded to the CyberKnife® treatment planning computer where physicians will use advanced software to customize the number, intensity and direction of radiation beams the robot will send to the target. You do not need to be present during this step.



Step 3: Treatment Delivery

Arriving
Wear comfortable clothing and no jewelry. Try to relax knowing this will be a painless procedure. Feel free to bring a list of questions to ask the CyberKnife® team. They are there to ensure your comfort and safety.

Positioning
You will be asked to lie on the treatment table and be fitted with the custom mask or body mold made earlier during the set-up process. Generally, no sedation or anesthesia is required because the treatment is painless.

Painless Treatment
During treatment, you will need to lie still. You will be awake throughout the entire procedure, which typically lasts 30-90 minutes depending on the complexity of your tumor. The image guidance system periodically takes x-ray images and compares them to data from the CT scan to ensure the radiation is targeted accurately to the tumor.



Completion
If you are undergoing single-session radiosurgery treatment, your treatment is complete, and you can usually leave the hospital and resume normal activity immediately. If your physician prescribes a "hypo-fractionated" or staged treatment, you will need to return for additional daily treatments (typically no more than 3 to 5).

Follow-Up
As with any radiosurgery or radiation therapy procedure, follow-up imaging and physician consultation is required to monitor your tumor's progress.

