

Spotlight On Health



Treating Tumors With Radiowaves

(NAPSA)—As many scientists have discovered, doing medical research is a bit like climbing a mountain.

You start off all full of vigor and then as the way gets steeper, the climber gets wearier—but the goal, reaching the peak, is still in sight. Similarly, people trying to find treatments for cancer often start with a great idea but then find themselves slogging through difficult experiments, needing funds and equipment and so on while still trying to reach their goal of improving and saving lives.

An Intriguing Line of Research

For example, a cancer patient, John Kanzius, came up with an ingenious theory: Tiny pieces of metal can be sent to cancer cells and then hit by a radiowave at a low, controlled frequency. The radiowave will heat the metal, destroying only the cancer while leaving surrounding tissue unharmed.

Kanzius and Dr. Steven A. Curley, now the lead researcher of the Kanzius Noninvasive Radiowave Cancer Treatment, worked on controlling radiowaves with a special device that they learned could heat metal and kill cancer—in petri dishes.

How It Works

After multiple studies that



KANZIUS CANCER
RESEARCH FOUNDATION



Researchers say cancer cells can be destroyed by zapping them with radiowaves that won't harm healthy tissue.

helped differentiate the unique proteins of a cancer cell from those of neighboring healthy ones, researchers could find and destroy the cancer without side effects.

The Next Steps

Now, the Kanzius Cancer Research Foundation is trying to continue the research to see if this treatment can work in people.

Generous donations meant it was able to begin clinical testing using three new, large radiowave devices (GenV), capable of performing human treatments. After further experiments, data collection and analysis, it's hoped the FDA will give the Foundation the go-ahead for human trials—taking it a long way up that mountain to save lives.

Learn More

For further facts, including how you can help the Kanzius Cancer Research Foundation, visit www.kanzius.org/timeline or call (814) 480-5776.