

TREATING PAIN FOR BETTER DAYS



OsteoCool™ RF Ablation
To treat pain caused by metastatic
malignant spinal tumors

Medtronic



KNOW YOUR OPTIONS

Having cancer is challenging enough. And if it metastasizes, or moves into the surrounding bone, it can be extremely painful — making every day even more challenging.

If cancer has metastasized to your spine, talk with your oncologist about **OsteoCool™ RF Ablation** to treat your pain.

RF (radiofrequency) ablation is a procedure that uses alternating, low power current to generate heat. The heat is delivered by a probe to the tumor to intentionally dry out and kill cancerous cells.

OsteoCool™ RF Ablation is leading-edge technology that allows your doctor to deliver the ablation energy to the precise size and location of your tumor. It's predictable. During the procedure, pumped water circulates through the probes to control the temperature and help reduce damage to the surrounding healthy tissue.

OsteoCool **treats pain**
so you can **enjoy better days.**



TELL ME MORE

HOW DOES THE PROCEDURE WORK?

1. Your doctor will take an X-ray, CT scan, or MRI to identify which vertebrae in your spine are causing pain. Vertebrae are the series of small bones that form the spine.
2. The procedure is minimally invasive. You will receive local or moderate sedation during the ablation treatment. **Usually you'll go home the same day.**
3. Your doctor will make one or two small incisions in your back, for each vertebra to be treated. The ablation probes are inserted. *(See illustration on the right)*
4. The OsteoCool system is turned on and emits energy for 6½ to 15 minutes per affected vertebra, targeting the tumor.
5. If you also have a vertebral compression fracture, you may have a vertebral-stabilizing procedure, called vertebroplasty or kyphoplasty. You and your doctor will discuss this during an appointment before the ablation procedure. The stabilizing procedure can be done at the same time your tumor is treated, using the same incisions.



WHAT ARE THE RISKS?

Remember to always talk to your doctor about the benefits and potential complications and risks for any procedure.

If you have a tumor in the cervical spine (neck) or have a heart pacemaker or other electronic implant, this procedure may not be right for you.

**At Medtronic, we create technologies to treat cancer pain
in new ways, so people can live better.**

For more information, please visit:
www.medtronic.com

Important Safety Information for Kyphon® Balloon Kyphoplasty

The complication rate for Kyphon Balloon Kyphoplasty has been demonstrated to be low. There are risks associated with the procedure, including serious complications, and though rare, some of which may be fatal. These include, but are not limited to heart attack, cardiac arrest (heart stops beating), stroke, and embolism (blood, fat or cement that migrates to the lungs, heart, or brain). Other complications include infection and leakage of bone cement into the muscle and tissue. Cement leakage into the blood vessels may result in damage to the blood vessels, lungs, heart, and/or brain. Cement leakage into the area surrounding the spinal cord may result in nerve injury that can, in rare instances, cause paralysis. A prescription is required. Please consult your physician for a complete list of indications, contraindications, benefits, and risks. Only you and your physician can determine whether this procedure is right for you.

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Please see the package insert for the complete list of indications, warnings, precautions, and other important medical information.



Consult instructions for use at this website www.medtronic.com/manuals.

Note: Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.