

Mayo Clinic Medical Edge

Freezing Kidney Tumors

1:00

Log

Audio

Intro with music	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC MEDICAL EDGE.
Nats of operating room	IN THIS PROCEDURE ROOM, A TEAM OF EXPERTS IS DESTROYING A CANCEROUS KIDNEY TUMOR. BUT INSTEAD OF USING SCALPELS TO REMOVE THE TUMOR, THESE DOCTORS ARE ARMED WITH CT SCANS, NEEDLES AND ICE. IT'S CALLED CRYOABLATION.
Bradley Leibovich, M.D. Mayo Clinic Urologist	"CRYOABLATION IS A PROCEDURE WHERE A MASS IN THE KIDNEY IS TREATED BY STICKING A NEEDLE THROUGH THE SIDE UNDER ULTRASOUND, CT OR MRI GUIDANCE, AND THE TIP OF THE NEEDLE IS MADE VERY COLD."

	<p>DR. BRADLEY LEIBOVICH SAYS THE FREEZING FORMS AN ICE BALL WHICH IS THEN QUICKLY THAWED AND FROZEN AGAIN.</p>
<p>Bradley Leibovich, M.D. Animation ends</p>	<p>“THE ACT OF FREEZING AND THAWING DESTROYS THE TISSUES.”</p>
	<p>SURGERY IS USUALLY THE BEST OPTION FOR REMOVING KIDNEY TUMORS BECAUSE WITH CRYOABLATION THERE IS A SMALL RISK OF THE CANCER COMING BACK. BUT FOR THOSE WHO ARE NOT ABLE TO HAVE AN OPERATION, CRYOABLATION OFFERS ANOTHER OPTION.</p>
	<p>FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT MAYOCLINIC.ORG. I'M VIVIEN WILLIAMS.</p>