



HEART FAILURE DEVICE TESTED FOR FIRST TIME IN U.S.

Doctors punch hole in heart wall, implant dime-size device to help diastolic heart failure

The Ohio State University Wexner Medical Center

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SUGGESTED TEASE	STILL TO COME, WITNESS A FIRST-OF-ITS-KIND PROCEDURE DESIGNED TO TREAT THOSE WITH HEART FAILURE. HOW THIS APPROACH WORKS AND MORE ON THE MILLIONS IT COULD HELP, NEXT IN HEALTH NEWS.
ANCHOR LEAD	ON AVERAGE, AN AMERICAN IS DIAGNOSED WITH HEART FAILURE EVERY MINUTE OF EVERY DAY. ¹ RIGHT NOW MORE THAN 5 MILLION PEOPLE HAVE HEART FAILURE, AND BY 2030 THAT NUMBER WILL JUMP TO 8 MILLION . ¹ FOR ABOUT HALF OF THOSE PATIENTS, THERE ARE NO EFFECTIVE TREATMENTS, BUT THAT MAY SOON CHANGE. FOR THE FIRST TIME IN THE U-S, A NEW DEVICE IS BEING TESTED IN PATIENT TRIALS. IT'S DESIGNED TO RELIEVE PRESSURE ON THE HEART AND OFFER MILLIONS NEW HOPE. CLARK POWELL HAS DETAILS.
	(Nats -Janet undergoing test) :02
CG: Courtesy: The Ohio State University Wexner Medical Center Shots of Janet taking walk test Shots of Janet coughing / staff taking notes	A 6-MINUTE WALK TEST IN THE HALLS OF A HOSPITAL TELLS DOCTORS A LOT ABOUT THE CONDITION OF JANET WICKHAM'S HEART. JANET LOST HER MOTHER AND GREAT GRANDMOTHER TO DIASTOLIC HEART FAILURE - AND ASSUMED THAT BY THE TIME <i>SHE</i> WAS AT RISK, THERE WOULD BE NEW TREATMENT OPTIONS. UNFORTUNATELY, THERE AREN'T. :15
CG: Janet Wickham Has diastolic heart failure	"I'm not where I'd like to be and times fly by and I keep saying I'm 69, you know, what's happening with all this? You know, what's out there? What's new? But there hasn't been anything." :11
Graphic - zoom into heart Shots of blood filling in heart	DIASTOLIC HEART FAILURE MEANS JANET'S HEART PUMPS FINE, BUT DOESN'T RELAX ENOUGH TO FILL UP COMPLETELY BETWEEN BEATS, WHICH CAUSES BLOOD TO BACK UP AND BUILD PRESSURE IN HER LUNGS. :11
CG: Dr. Rami Kahwash Ohio State's Wexner Medical Center	"This is when the patient starts having shortness of breath. Other than diuretics, we don't have any way of dealing with the patient's symptoms." :06
Shots of cath procedure	BUT A NEW APPROACH COULD CHANGE THAT. AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER, JANET

<p>Shot of doctor holding device by dime</p> <p>Graphic - showing device implanted</p>	<p>BECAME THE FIRST PATIENT ENROLLED IN THE U-S TO POSSIBLY TEST THIS NEW, DIME-SIZE IMPLANT.</p> <p>DURING A HEART CATHETERIZATION, DOCTORS PUNCH A SMALL HOLE IN THE WALL OF A PATIENT'S HEART AND USE THIS INTER-ATRIAL SHUNT TO KEEP IT OPEN, SO EXCESS BLOOD CAN DRAIN FROM ONE SIDE TO THE OTHER. :20</p>
<p>Dr. Kahwash (CG'd earlier)</p>	<p>"It's just like when you have a traffic jam, and instead of backing up all the way back to the lung, you create kind of a detour that kind of takes you around the lung." :09</p>
<p>Shots of cath procedure</p> <p>Shots of doctors during cath</p> <p>Shots of Janet in exam</p>	<p>THAT'S EXPECTED TO RELIEVE PRESSURE AND ALLOW THE HEART TO WORK BETTER.</p> <p>DURING THIS FIRST-EVER RANDOMIZED TRIAL, ENROLLED PATIENTS WILL UNDERGO THE CATH PROCEDURE. HALF WILL GET THE DEVICE, THE OTHER HALF WON'T. PATIENTS AND THEIR DOCTORS AREN'T TOLD UNTIL THE TRIAL IS COMPLETE WHO GOT IT.</p> <p>JANET DOESN'T KNOW IF SHE DID - BUT IS HAPPY DOCTORS ARE TESTING NEW OPTIONS HER FAMILY NEVER HAD. :16</p>
<p>Janet Wickham (CG'd earlier)</p>	<p>"I'm wanting to feel better. And what will be will be, but if there's a chance of something I want to try it." : 06</p>
<p>Shots of Janet in exam</p>	<p>AT OHIO STATE'S WEXNER MEDICAL CENTER, THIS IS CLARK POWELL REPORTING. :03</p>
<p>ANCHOR TAG</p>	<p>THERE HAVE BEEN SMALL STUDIES WITH THE DEVICE IN EUROPE. IT WILL BE TESTED IN A TOTAL OF 40 PATIENTS AT UP TO 28 DIFFERENT HOSPITALS WORLDWIDE.</p> <p>TO FIND OUT IF YOU OR SOMEONE YOU KNOW MIGHT QUALIFY FOR THE STUDY, LOG ONTO treatmyheartfailure.com</p>
<p> Share it! Suggested tweet:</p>	<p>Doctors @OSUWexMed enroll first patient in U.S. to test new device for diastolic heart failure: bit.ly/1PRdJ3z</p>
<p> Suggested post:</p>	<p>There's new hope for millions of people with diastolic heart failure. Doctors at The Ohio State University Wexner Medical Center are first to begin testing a dime-size device that can divert blood flow and relieve pressure. There have been no effective therapies developed for patients with diastolic heart failure in decades. See how this might change that: bit.ly/1PRdJ3z</p>
<p>References -</p>	<p>¹<i>Heart Failure Compendium, Epidemiology of Heart Failure, Circulation Research, Volume 113, Issue 6.</i> August 2013. Online: http://circres.ahajournals.org/content/113/6/646.full</p>
	<p style="text-align: center;">Extra Bites</p>
<p>CG: Dr. Rami Kahwash Ohio State's Wexner Medical Center</p>	<p><i>Dr. Kahwash talks about limited therapies for patients -</i></p> <p>"Treatment for diastolic heart failure has been very disappointing over the last 3 decades. We tried old tricks, the one we use in the treatment for systolic heart failure and actually, unfortunately, none</p>

	of them worked.”
CG: Dr. Rami Kahwash Ohio State’s Wexner Medical Center	<p><i>Dr. Kahwash explains what happens in diastolic heart failure -</i> “The hallmark for diastolic heart failure actually is increased stiffness in the heart muscle, or impaired relaxation, the heart cannot relax. The heart can still squeeze well, but it cannot relax.”</p> <p><i>Dr. Kahwash talks about the current study -</i> “There was a small pilot study and there was another trial that was done in Europe, however that one was not randomized. This is the first randomized trial to examine this concept. It’s going to be involving 20 centers, and we’re looking at enrolling about 40 patients.”</p>
CG: Janet Wickham Has diastolic heart failure	<p><i>Janet talks about the symptoms she often experiences -</i> “You can’t breathe you can’t move, you just you can’t function. You don’t leave the house.”</p> <p><i>Janet talks about her initial diagnosis -</i> “I was told I had hypertension dysfunction. But I knew it had to be more the way I felt.”</p> <p><i>Janet talks about enrolling in the trial -</i> “It’s exciting but, I’m realistic too. I’m just taking a chance.”</p>
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