





<p><b>CG: Dr. William Abraham</b> Ohio State Wexner Medical Center</p> <p>Shots of Kenny getting fitted for the vest</p> <p>Shots of Kenny connecting vest to tablet</p> <p>Shots of Kenny pushing button, laying down, closeup of reading</p> <p>Shots of Dr. Abraham</p> <p>Graphic: Readmissions were cut by 87% in the first 3 months of use</p> <p><b>Dr. Abraham (CG'd earlier)</b></p> <p>Shot of Kenny walking out of clinic</p> <p><b>Kenny McIntyre (CG'd earlier)</b></p> <p>Shots of Kenny taking off vest at home</p> <p><b>(PACKAGE END)</b> -----</p> <p><b>ANCHOR TAG</b></p>	<p><i>“The old fashioned way where we waited until patients were more symptomatic and sicker and perhaps already on their way into the emergency department or hospital. Now we can head this off before patients even know that they’re getting worse.” :12</i></p> <p>AND THEY’RE DOING IT WITH THIS - A VEST THAT USES RADAR TECHNOLOGY TO SEE THROUGH THE CHEST<sup>3</sup> AND TRACK THE AMOUNT OF FLUID IN THE LUNGS.</p> <p>PATIENTS PUT IT ON AND CONNECT IT TO A TABLET FOR ABOUT NINETY SECONDS EACH DAY. A SENSOR UPLOADS THE PATIENT’S FLUID READINGS FOR A CARDIOLOGIST TO REVIEW.</p> <p>DOCTOR WILLIAM ABRAHAM AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER IS LEADING A NATIONAL, RANDOMIZED TRIAL TO SEE HOW EFFECTIVE THE VEST IS AT KEEPING PATIENTS OUT OF THE HOSPITAL.</p> <p>IN A SMALLER STUDY, READMISSIONS WERE CUT BY 87 PERCENT IN THE FIRST THREE MONTHS OF USE. :29</p> <p><i>“There are indicators that tell us when patients’ lungs become so wet that they may need to come into the hospital, but of course, the goal here is to see when the lungs are trending towards being too wet, to make adjustments in the medications on an outpatient basis.” :14</i></p> <p>IT’S TECHNOLOGY THAT KENNY SAYS ISN’T JUST KEEPING HIM OUT OF THE HOSPITAL, BUT MAY HAVE EVEN SAVED HIS LIFE. :04</p> <p><i>“Who knows how, if they didn’t have all this, how would it be. Would I even be sitting here right now?” :06</i></p> <p>AT OHIO STATE WEXNER MEDICAL CENTER, THIS IS CLARK POWELL REPORTING. :03</p> <hr/> <p>THE TECHNOLOGY USED IN THE SENSI-VEST IS ALSO USED BY THE MILITARY FOR THINGS LIKE SEARCHING FOR SURVIVORS THROUGH RUBBLE.</p> <p>IT WAS MINIATURIZED FOR THE VEST TO BE ABLE TO “SEE” INSIDE A PATIENT’S LUNGS TO DETECT FLUID BUILDUP.</p>
---	--

**SOCIAL MEDIA**

<p> <b>Share it! Suggested tweet:</b></p>	<p>A new hi-tech vest being tested <a href="https://twitter.com/OSUWexMed">@OSUWexMed</a> uses</p>
--	--

**Producers and Reporters: To download scripts, video and photos go to:**  
<http://www.multimedianeewsroom.tv>

<p> <b>Suggested post:</b></p>	<p>radar technology that may keep heart failure patients out of the hospital. <a href="http://bit.ly/2rlmJwG">http://bit.ly/2rlmJwG</a></p> <hr/> <p>After being diagnosed with heart failure, more than half of all patients wind up back in the hospital due to a dangerous buildup of fluid in their lungs. But experts at <a href="#">The Ohio State University Wexner Medical Center</a> are testing a new, high-tech vest that may help heart patients avoid hospital stays by wearing it for just 90 seconds a day. <a href="http://bit.ly/2rlmJwG">http://bit.ly/2rlmJwG</a></p>
---	--

### EXTRA BITES

<p><b>CG: Dr. William Abraham</b> Ohio State Wexner Medical Center</p>	<p>Abraham says the vest tracks the major cause of readmission: <i>“Essentially what it does is it gives the clinician, physician or nurse an accurate measurement of lung water, and accumulating lung water is the major cause for hospitalization for heart failure”</i></p> <p>Abraham says the vest helps determine treatment adjustments: <i>“The clinician can use that measurement of lung wetness or lung dryness to titrate, to change medication doses, to keep patients in a healthy state and to reduce their risk of heart failure hospitalization.”</i></p> <p>Abraham describes the technology formerly used by military: <i>“It has miniaturized, and it has been put into a form that allows the use of radar through the chest in order to get an accurate measurement of the lung water.”</i></p> <p>Abraham says the vest takes out the guesswork: <i>“The problem is most of the time we guess at the best dose for the water pill. This technology takes the guesswork out of that assessment.”</i></p>
<p><b>CG: Kenny McIntyre</b> Heart Failure Patient</p>	<p>Kenny says his medications are adjusted based on fluid levels: <i>“I do my readings every day. They like, with my medications, they alter them here and there every now and then to see how I’m doing.”</i></p> <p>Kenny says the SensiVest is quick and easy to use: <i>“I just lay back, and let, hit a button and let it take my measurements.”</i></p>

### References

<p><sup>1</sup>Heart Failure Fact Sheet, <b>CDC: Division for Heart Disease and Stroke Prevention, June, 2016.</b> Online: <a href="https://www.cdc.gov/dhdsp/data_statistics/fact_sheets/fs_heart_failure.htm">https://www.cdc.gov/dhdsp/data_statistics/fact_sheets/fs_heart_failure.htm</a></p> <p><sup>2</sup>The ReDS™-HF Study: Evaluation of ReDS-Guided Patient Management in Ambulatory Heart</p>
--

**Producers and Reporters: To download scripts, video and photos go to:**  
<http://www.multimedianeewsroom.tv>

*Failure Patients At-Risk for Re-Hospitalization*, **Sensible Medical, Information and Publication Date are in Bold**. Online:

[http://sensible-medical.com/wp-content/uploads/2016/08/ReDS\\_HF\\_84x42\\_web.pdf](http://sensible-medical.com/wp-content/uploads/2016/08/ReDS_HF_84x42_web.pdf)

<sup>3</sup>ReDS™ *for Home*, **Sensible Medical: Seeing through Walls**. Online:

<http://sensible-medical.com/reds-for-home/>

**For viewer information on this story contact:**

The Ohio State University Wexner Medical Center: 1-800-293-5123

Log onto <http://wexnermedical.osu.edu> - click on "Media Room"

Produced by:

**MEDIA  SOURCE**

1800 West 5th Ave.

Columbus, Ohio 43212

Phone: (614) 932-9950 Fax: (614) 932-9920

[www.mediasourcetv.com](http://www.mediasourcetv.com)

**Video content provided by: The Ohio State University Wexner Medical Center  
Media Relations Department: (614) 293-3737**

**Producers and Reporters: To download scripts, video and photos go to:**

<http://www.multimedianeewsroom.tv>