

**First-Ever Surgery Tests Device to Prevent Knee Replacements**  
*Shock-absorbing device designed to relieve pain and slow progression of osteoarthritis*

*The Ohio State University Wexner Medical Center*

Produced by: MediaSource <a href="http://www.mediasourcetv.com">www.mediasourcetv.com</a>	To download broadcast-quality video and other multimedia elements: <a href="http://bit.ly/2BRIDM7">http://bit.ly/2BRIDM7</a> Content provided by: <b>The Ohio State University Wexner Medical Center</b>
Package Length: 1:26	



**NEWS PACKAGE**

<b>SUGGESTED TEASE</b>	IF YOU'RE LIVING WITH KNEE PAIN THAT JUST KEEPS GETTING WORSE, YOU'RE DEFINITELY NOT ALONE. COMING UP, A NEW MEDICAL DEVICE MAY OFFER A SOLUTION FOR THE MILLIONS LIVING WITH OSTEOARTHRITIS.
<b>ANCHOR LEAD</b>	MORE THAN TWENTY-SEVEN MILLION AMERICANS SUFFER WITH THE DAILY PAIN AND STIFFNESS OF OSTEOARTHRITIS <sup>1</sup> . IT'S A CONDITION THAT WORSENS OVER TIME, WITH FEW OPTIONS TO SLOW IT DOWN. BUT A NEW SYSTEM COULD OFFER A SOLUTION FOR THOSE WITH ARTHRITIS, ADDING YEARS TO THE LIFE OF THEIR KNEES. BARB CONSIGLIO HAS THE DETAILS.
<b>(PACKAGE START) -----</b> <b>CG: Courtesy: The Ohio State University Wexner Medical Center</b> <b>:00 - :03</b> Shots of Chuck walking dogs	(Nats - Sound) :02  RETIRED FIREFIGHTER CHUCK STENGER HAS DEALT WITH KNEE PAIN FOR OVER A DECADE. :04  <i>"Every time I would kneel down or go to climb a ladder on the fire department, or doing squats when I was working out, I could feel it, but I worked with it."</i> :13
<b>CG: Chuck Stenger</b> <b>Has knee osteoarthritis</b>  Shots of Chuck walking dogs  Shots of Chuck going into surgery	WHEN HE LEARNED HE HAD PROGRESSING OSTEOARTHRITIS, HE THOUGHT HE WAS HEADED TOWARD A TOTAL KNEE REPLACEMENT. BUT A NEW CLINICAL TRIAL <sup>2</sup> MAY ALLOW HIM TO AVOID MAJOR SURGERY WITH A SIMPLE DEVICE. :10  <i>"This shock absorber, it really looks like a car shock absorber, is going to be placed right on the inside part of the knee // to take some of the load off that inner portion of the knee and then shift it towards the outside part of the knee."</i> :12
<b>CG: Dr. David Flanigan</b> <b>Ohio State Wexner Medical Center</b>	DOCTOR DAVID FLANIGAN IMPLANTED THE

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<p>Shots of implant surgery</p>	<p>DEVICE IN CHUCK'S KNEE AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER, THE FIRST SURGERY OF ITS KIND IN THE U-S. :08</p>
<p><b>Chuck Stenger (CG'd earlier)</b></p>	<p><i>"If it works for me, maybe it'll work for a lot of other people."</i> :02</p>
<p>Animation of Calypso system</p>	<p>THE CALYPSO KNEE SYSTEM IS ATTACHED OUTSIDE OF THE KNEE JOINT AND WORKS AS A SHOCK-ABSORBER, REDUCING PRESSURE AND CREATING A CUSHION SIMILAR TO WHAT CARTILAGE PROVIDES IN A HEALTHY JOINT.</p>
<p>Shots of Dr. Flanigan working</p>	<p>THE CLINICAL TRIAL WILL EXAMINE HOW THE DEVICE MAY RELIEVE PAIN AND SLOW THE PROGRESSION OF OSTEOARTHRITIS. :15</p>
<p><b>Dr. Flanigan (CG'd earlier)</b></p>	<p><i>"Take some of that load off that inner portion of the knee and allow that patient now to have increasing function, less pain and really to delay a total knee arthroplasty for, hopefully, years."</i> :14</p>
<p>Shots of Chuck walking dogs</p>	<p>AS FOR CHUCK, HE'S HOPING HE CAN GET BACK TO HIS ACTIVE LIFESTYLE FREE OF KNEE PAIN. :05</p>
<p><b>Chuck Stenger (CG'd earlier)</b></p>	<p><i>"I want to be able to start doing some of the things I used to do."</i> :02</p>
<p>Shots of Chuck walking dogs</p>	<p>AT THE OHIO STATE WEXNER MEDICAL CENTER, THIS IS BARB CONSIGLIO REPORTING. :03</p>
<p><b>(PACKAGE END)</b> -----</p>	<hr/> <p>MORE THAN SEVEN-HUNDRED THOUSAND KNEE REPLACEMENTS ARE PERFORMED ANNUALLY IN THE U-S<sup>3</sup>, A NUMBER THAT'S EXPECTED TO TRIPLE OVER THE NEXT DECADE.</p>
<p><b>ANCHOR TAG</b></p>	<p>EXPERTS SAY THIS DEVICE COULD HELP REVERSE THAT TREND BY HELPING MORE PEOPLE TREAT THEIR PAIN, PROLONG THE LIFE OF THEIR KNEES AND AVOID REPLACEMENT SURGERY.</p>

**SOCIAL MEDIA**

<p> <b>Share it! Suggested tweet:</b></p>	<p>Surgeons at <a href="https://twitter.com/OSUWexMed">@OSUWexMed</a> are the first in the U.S. to implant a new device that may help the millions suffering with the pain and stiffness of knee osteoarthritis relieve pain and even avoid knee replacement surgery. <a href="http://bit.ly/2BRIDM7">http://bit.ly/2BRIDM7</a></p>
<p> <b>Suggested post:</b></p>	<p>A new implantable device may relieve chronic knee pain while helping the millions who suffer with osteoarthritis delay or prevent knee replacement surgery.</p>

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	<p>Surgeons at <a href="#">The Ohio State University Wexner Medical Center</a> were the first in the U.S. to implant the Calypso Knee System that aims to slow joint degradation.  <a href="http://bit.ly/2BRIDM7">http://bit.ly/2BRIDM7</a></p>
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**EXTRA BITES**

<p><b>CG: Dr. David Flanigan</b> Ohio State Wexner Medical Center</p>	<p>Flanigan explains what osteoarthritis is:  <i>“Osteoarthritis is really the degradation or the breakdown of articular cartilage, which caps the bone, and so over time as that cartilage continues to wear out more and more, that’s where you get that bone-on-bone arthritis.”</i></p> <p>Flanigan says options are needed to delay knee replacements:  <i>“People are really looking at other options they can to remain active and have the life of their joint as much as possible before the need for a knee replacement.”</i></p> <p>Flanigan says the device may reduce knee replacements in the U.S.:  <i>“I think if we’re successful with that, that will decrease the number of total joints that are required in the United States year by year. These are only increasing, and what we’re trying to do is limit that as much as possible.”</i></p> <p>Flanigan says patients may benefit from the device being placed outside the knee:  <i>“If we can have a device that can be close to the joint, allowing it to offload it, but then to maintain everything else that’s in the joint, that that may be a good benefit for the patient.”</i></p>
<p><b>CG: Chuck Stenger</b> Has knee osteoarthritis</p>	<p>Chuck describes his treatment options before learning about the clinical trial:  <i>“They were going to do an MRI and a scope and just try to debride all the arthritis out of there. My regular orthopedist said I didn’t need a knee replacement at this time, but that was about all we had. It was just going to be exploratory.”</i></p> <p>Chuck describes how the device works:  <i>“Basically it’s a shock absorber. It’s going to go in the inner side of my knee and help reduce the load, or the weight, you know, when I’m bending, standing, walking, hopefully running again.”</i></p> <p>Chuck says he hopes the device helps a lot of people:  <i>“I’ve been telling a lot of people about it, and they’re already, ‘Oh wow, I’ve got the same kind of conditions, so if it works for me, maybe it’ll work for a lot of other people.”</i></p>

**References**

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<sup>1</sup>*Osteoarthritis*, National Institutes of Health. 2018. Online:  
<https://report.nih.gov/nihfactsheets/ViewFactSheet.aspx?csid=55>

<sup>2</sup>*Calypso Knee System Clinical Study*. NIH U.S. National Library of Medicine. Online:  
<https://clinicaltrials.gov/ct2/show/NCT03671213>

<sup>3</sup>*Orthopaedic Resources for Patients*. American Academy of Orthopaedic Surgeons. 2018.  
Online: <http://www.ajrr.net/for-patients>

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