

FIRST EVER PLASTIC MENISCUS IMPLANTED IN THE U.S.



FDA trial will see if artificial cartilage can protect against arthritis, knee replacements

Suggested Date of Use: Generic

The Ohio State University Wexner Medical Center

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SUGGESTED TEASE	STILL TO COME, FOR THE FIRST TIME IN THE U.S. DOCTORS IMPLANT PLASTIC CARTILAGE INTO A PATIENT'S KNEE. WE'LL TAKE YOU INSIDE THE O-R AND SHOW YOU WHY MILLIONS ARE LIKELY TO FOLLOW THIS PATIENT'S PROGRESS. THAT'S NEXT IN HEALTH NEWS.
ANCHOR LEAD	EVERY 45-SECONDS ANOTHER PATIENT IN THE U-S UNDERGOES KNEE REPLACEMENT SURGERY ¹ - AND IT'S ONLY GETTING WORSE. BY 2030 THAT NUMBER IS EXPECTED TO JUMP NEARLY 400-PERCENT - TO NEARLY THREE AND A HALF MILLION SURGERIES A YEAR. ² BUT THERE MAY SOON BE ANOTHER OPTION. FOR THE FIRST TIME IN THE U.S., DOCTORS HAVE IMPLANTED PLASTIC CARTILAGE INTO A PATIENT IN THE HOPES OF AVOIDING - OR AT LEAST DELAYING - KNEE REPLACEMENT. CLARK POWELL HAS DETAILS.
	(Nats - Drake practicing martial arts) :02
CG: Courtesy: The Ohio State University Wexner Medical Center Drake punching bag Graphic showing meniscus Close up Drake hitting bag	DRAKE ROSS HAS ALWAYS BEEN COMMITTED TO STAYING FIT. HE'S AN AVID RUNNER AND STUDENT OF MARTIAL ARTS. BUT OVER THE YEARS THE CARTILAGE BETWEEN HIS THIGH AND SHIN BONES - KNOWN AS THE MENISCUS (<i>pronounced: muh-NISS-kiss</i>) - BEGAN TO TEAR - AND HIS ACTIVITY LEVEL TOOK A SERIOUS HIT. :14
CG: Drake Ross First to get meniscus implant :14 - :22	"It kind of dwindled to the point of not running because I knew I wasn't going to get better. The meniscus doesn't repair itself." :08
Drake with punching bag Drake sitting at computer Drake on computer doing research	DRAKE HAD 3 PROCEDURES TO SHAVE OFF THE DAMAGED PART OF HIS MENISCUS AND WENT ONLINE TO SEE IF THERE WERE ANY OTHER TREATMENT OPTIONS. HE LEARNED THAT NOT ONLY CAN'T THE MENISCUS REPAIR ITSELF, BUT THE INJURY ONLY GETS WORSE. :12 / :34

<p>CG: Dr. Christopher Kaeding Ohio State's Wexner Medical Center :34 - :44</p>	<p>"They're starting to have pain on that side of the knee, the concern for most orthopedic surgeons is that knee is starting to get arthritis and the arthritis will progress over time." :10</p>
<p>Tilt down in surgery Shots of Dr. Kaeding operating Close up of device in the OR Graphic showing how it works</p>	<p>SO, DOCTOR CHRISTOPHER KAEDING (<i>pronounced: KAY-ding</i>) IS HELPING TO TEST A NEW APPROACH. AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER, HE BECAME THE FIRST SURGEON IN THE U-S TO IMPLANT THIS. IT'S A TYPE OF PLASTIC CARTILAGE THAT NOT ONLY REPLACES MOST OF THE DAMAGED MENISCUS, BUT IN SOME PATIENTS IN EUROPEAN STUDIES, HAS BEEN SHOWN TO CONFORM TO THE BODY. :19</p>
<p>Dr. Kaeding (cover with graphic)</p>	<p>"Actually, with time, they've noticed it will aplastic and deform and actually custom fit that particular knee..." :06</p>
<p>Dr. Kaeding (CG'd earlier)</p>	<p>"If this implant turns out to work as well as we think it will, it fills a gap in our treatment spectrum for patients who have injuries to their knee." :09</p>
<p>Shots of Drake stepping on elliptical machine</p>	<p>PATIENTS LIKE DRAKE - ONE OF MILLIONS OF AMERICANS WHO ARE CAUGHT BETWEEN HAVING KNEE PAIN - AND THE PROSPECT OF HAVING IT REPLACED. :07</p>
<p>Drake Ross (CG'd earlier)</p>	<p>"We're at the point where we want to take a preventative step." :04</p>
<p>(cover with video of Drake using elliptical machine)</p>	<p>"My hope is that once the implant is done.. // that's it, I mean, I'm good and there's never another issue." :05</p>
<p>Wide shot of Drake on machine</p>	<p>AT OHIO STATE'S WEXNER MEDICAL CENTER, THIS IS CLARK POWELL REPORTING. : 03</p>
<p>ANCHOR TAG</p>	<p>THE DEVICE WILL BE IMPLANTED AT SEVEN DIFFERENT SITES AROUND THE U.S. AND DOCTORS WILL FOLLOW THE PATIENTS FOR SEVERAL MONTHS TO CHART THEIR MOBILITY AND LEVEL OF PAIN. THEY THINK THE DEVICE WILL HELP MILLIONS OF MIDDLE AGE PATIENTS WHO ARE TOO OLD FOR MENISCUS REPAIR BUT TOO YOUNG FOR KNEE REPLACEMENT.</p>
<p> Share it! Suggested tweet:</p>	<p>For the first time in the US doctors @OSUWexMed implant a type of plastic cartilage in the knee of a patient. Details: bit.ly/1EwvNLW</p>
<p> Suggested post:</p>	<p>Doctors at The Ohio State University Wexner Medical Center have become the first in the U.S. to implant a type of plastic cartilage in the knee of a patient. Millions of Americans live with pain from a damaged meniscus - the cartilage between your thigh and shin bones - and are facing the prospect of needing knee replacement surgery. This new device may spare them from surgery and could help them avoid arthritis. Details here: bit.ly/1EwvNLW</p>

<p>References -</p>	<p>¹<i>FastStats, Inpatient Surgery, Centers for Disease Control and Prevention</i>, January 2015. Online: http://www.cdc.gov/nchs/fastats/inpatient-surgery.htm</p> <p>²<i>Projections of Primary and Revision Hip and Knee Arthroplasty in the United States from 2005 to 2030, The Journal of Bone and Joint Surgery, Volume 89, Issue 4</i>, April 2007. Online: http://jbjs.org/content/89/4/780</p>
	<p style="text-align: center;">Extra Bites</p>
<p>CG: Dr. Christopher Kaeding Ohio State’s Wexner Medical Center</p>	<p><i>Dr. Kaeding talks about the active lifestyles of older Americans -</i> “<i>This generation, these aging baby boomers, and the people behind them, you can make the argument, they’re one of the first generations in the history of the world that expect to continue to be active as they age.</i>” :11</p> <p><i>Dr. Kaeding talks about wear and tear on the knee over time -</i> “<i>They’ve lost that cushion or buffer in that portion of their knee, and they’re starting to have - they have persistent pain. Pain implies that that part of the knee is not happy, it’s probably starting to degenerate, and we don’t have a lot to offer that knee right now.</i>” :13</p> <p><i>Dr. Kaeding talks about the problem and this potential treatment option -</i> “<i>They want to stay active. And a lot of them have lost a significant portion of their meniscus, you know, years ago, and now they’re starting to have problems. But it’s not advanced arthritis, but it’s impairing their quality of their life, and so we’re hoping this new device will help address that problem.</i>” :14</p> <p><i>Dr. Kaeding talks about Ohio State’s role in the clinical trial -</i> “<i>We are one of 7 sites in the U.S. that have signed up to be a part of this FDA clinical trial, and it just so happens that Ohio State, we’re the very first ones to put this implant in, in the U.S.</i>” :11</p>
<p>CG: Drake Ross First to get meniscus implant</p>	<p><i>Drake talks about his running routine prior to his knee injuries -</i> “<i>I had this thing where I wanted to run 3 miles as fast as I possibly could, because that estimated a 5k. So that was my twice weekly routine. Unfortunately, my knees didn’t hold up.</i>” :13</p> <p><i>Drake describes a tear in the meniscus -</i> “<i>It’s kind of likened to a hangnail. You know, you’ve got this piece hanging there, and if it gets caught in the knee joint, it’s going to hurt real bad, it could lock up. Or it could pull away at the good tissue.</i>” :13</p> <p><i>Drake was due for another procedure, when the trial opened up -</i> “<i>I was due for that again. We were on the cusp of that when the Active Implant study came along and it turned out I was a good candidate for that.</i>” :10</p>
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The Ohio State University Wexner Medical Center: 1-800-293-5123

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Produced by:

MEDIA  SOURCE

1800 West 5th Ave.

Columbus, Ohio 43212

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

www.mediasourcetv.com

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Media Relations Department: (614) 293-3737**