

# ALLERGIES TO METAL, CEMENT IN JOINT IMPLANTS RISING



*New blood test would help determine who is allergic before surgery*

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<b>SUGGESTED TEASE</b>	STILL TO COME, IMAGINE GETTING A NEW HIP OR KNEE IMPLANT - ONLY TO LEARN MONTHS LATER YOU'RE <i>ALLERGIC</i> TO IT. WHY THAT'S A GROWING CONCERN AND WHAT DOCTORS ARE DOING ABOUT IT, NEXT IN HEALTH NEWS.
<b>ANCHOR LEAD</b>	KNEE AND HIP REPLACEMENT SURGERIES ARE SKYROCKETING IN THIS COUNTRY. BY 2030, HIP REPLACEMENTS WILL SHOOT UP 174-PERCENT - KNEE REPLACEMENTS NEARLY 700-PERCENT. <sup>1</sup> AND WITH THAT INCREASE COMES A SERIOUS CONCERN. DOCTORS SAY A GROWING NUMBER OF PATIENTS MAY BE <i>ALLERGIC</i> TO THEIR NEW JOINTS - AND WON'T FIND OUT UNTIL THEY ARE ALREADY IMPLANTED. BUT AS CLARK POWELL SHOWS US, DEVELOPMENT OF A NEW BLOOD TEST COULD CHANGE THAT.
	(Nats - starting EFX machine) :02
<b>CG: Courtesy: National Jewish Health</b>  Shots of Paula on EFX machine	AFTER HAVING BOTH HIPS REPLACED, PAULA SPURLOCK EXPECTED TO FACE MONTHS OF REHABILITATION TO REGAIN HER STRENGTH AND MOBILITY. BUT SHE <i>NEVER</i> EXPECTED THIS. :09
<b>CG: Paula Spurlock</b> <b>Was allergic to her new hip</b> <b>:09 - :16</b>	"I was just going crazy with the itching. I just couldn't take it. My head itched, I mean every single thing in me itched." :08
Shots of Paula on EFX machine  Still shot of PET scan room  Still of Paula's images  Video of surgery	ALONG WITH THE ITCHING CAME INTENSE PAIN. BUT IT WASN'T UNTIL SHE GOT A PET SCAN FOR A LUNG PROBLEM THAT DOCTORS LEARNED SOMETHING WAS WRONG WITH PAULA'S NEW HIP. SPECIAL TESTING SHOWED SHE WAS <i>ALLERGIC</i> TO IT. SO, AFTER MONTHS OF MISERY AND TENS OF THOUSANDS OF DOLLARS FOR SURGERY, PAULA HAD TO START ALL OVER AGAIN. :17

<b>CG: Karin Pacheco, MD</b> <b>National Jewish Health</b> <b>:34 - :39</b>	<p>“Unfortunately, the only option right now is to replace it with something to which they’re not allergic.” :06</p>
<p>Shots of doctor walking into exam</p> <p>Shots of Dr. Pacheco in skin test</p> <p>Still image of implant - squeeze to</p> <p>Still image of x-ray - highlight joint</p>	<p>BUT THANKS TO EXPERTS AT NATIONAL JEWISH HEALTH IN DENVER, THERE MAY SOON BE A SIMPLE WAY TO TELL IF YOU’RE ALLERGIC TO AN IMPLANT BEFORE YOU GET IT.</p> <p>KARIN PACHECO (<i>pronounced: puh-<b>CHECK</b>-oh</i>) IS AN ALLERGIST WHO SAYS A GROWING NUMBER OF PATIENTS ARE NOT ONLY ALLERGIC TO THE METALS USED IN IMPLANTS, BUT TO THE BONE CEMENT USED IN SURGERY. :16</p>
	<p>(Nats - skin testing) :01</p>
<p>Shots of skin test</p> <p>Shots of Dr. Pacheco with patient</p> <p>Shots of Dr. Knight in lab</p> <p>Shots of blood vial</p> <p>Shot of Dr. Knight working in lab</p>	<p>RIGHT NOW, THE BEST WAY TO DETECT THOSE ALLERGIES IS TO DO A SKIN TEST BEFORE SURGERY, BUT THOSE CAN TAKE WEEKS TO GET RESULTS AND YOU NEED A SPECIALIST TO DO THEM.</p> <p>SO, DOCTOR PACHECO AND LABORATORY DIRECTOR DOCTOR VIJAYA (<i>pronounced: vih-<b>JAY</b>-uh</i>) KNIGHT DEVELOPED A NEW OPTION. IT’S A SIMPLE BLOOD TEST - THAT CAN DETECT ALLERGIES TO NICKEL - A METAL OFTEN USED IN IMPLANTS AND THE MOST COMMON CONTACT ALLERGEN IN THE COUNTRY. :21</p>
<p><b>Dr. Pacheco (CG’d earlier)</b></p>	<p>“It’s easier. You can send in the blood and it gets developed. You don’t need to have somebody available who knows how to do the patch testing.” :07</p>
<p>Shots of surgery</p> <p>Shots of Paula on EFX machine</p> <p>Shots of researcher with blood</p>	<p>BY 2030 THERE COULD BE MORE THAN 11-THOUSAND IMPLANTS <i>EVERY DAY</i> IN THE U-S.<sup>1</sup> AND SOME OF THOSE PATIENTS MAY BE ABLE TO AVOID PAINFUL ALLERGIC REACTIONS AFTER SURGERY, THANKS TO A ROUTINE BLOOD TEST BEFORE IT.</p> <p>AT NATIONAL JEWISH HEALTH IN DENVER, THIS IS CLARK POWELL REPORTING. :16</p>
<p><b>ANCHOR TAG</b></p>	<p>RESEARCHERS HOPE TO USE THE BLOOD TESTS ON A WIDE SCALE IN THE NEXT COUPLE OF YEARS.</p> <p>NOT EVERYONE NEEDS TO BE TESTED FOR ALLERGIES BEFORE SURGERY, BUT IF YOU OR SOMEONE YOU KNOW IS CONSIDERING A JOINT IMPLANT, WE HAVE SOME TIPS TO CONSIDER ON OUR WEBSITE.</p>
<p> <b>Share it! Suggested tweet:</b></p>	<p>Imagine learning that you are allergic to your new implant- <i>after</i> surgery! @NJHealth may have solution: <a href="http://bit.ly/13Aox1P">bit.ly/13Aox1P</a></p>
<p> <b>Suggested post:</b></p>	<p>Imagine getting a hip or knee implant - only to learn that you are allergic to it <i>after</i> it’s in! It’s a growing concern, but a new blood test developed at National Jewish Health could help. More on the test and one woman’s remarkable story here: <a href="http://bit.ly/13Aox1P">bit.ly/13Aox1P</a></p>

<p><b>References -</b></p>	<p><sup>1</sup><i>Projections of Primary and Revision Hip and Knee Arthroplasty in the United States from 2005 to 2030, <b>The Journal of Bone and Joint Surgery, Volume 89, Number 4</b>, April 2007. Online: <a href="http://jbjs.org/article.aspx?articleid=28020">http://jbjs.org/article.aspx?articleid=28020</a></i></p> <p><sup>2</sup><i>Development of a validated blood test for nickel sensitization, <b>The Journal of Allergy and Clinical Immunology</b>, Published online May 2013: <a href="http://www.jacionline.org/">http://www.jacionline.org/</a></i></p>
	<p><b>Extra Bites</b></p>
<p><b>CG: Karin Pacheco, MD National Jewish Health</b></p>	<p><i>Dr. Pacheco talks about the rate of allergic reactions to implants -</i>          “It’s first important to know that 90% of implants do great. People are very happy. Ten percent don’t and they’re miserable.” :09</p> <p><i>Dr. Pacheco talks about the challenge of finding allergy before surgery -</i>          “You can’t develop an allergy to something to which you’ve never been exposed. And so, for some of these people if they’ve never had a lot of contact with nickel, they won’t know that they’re able to develop an allergy until after the implant is put in.” :12</p>
<p><b>CG: Paula Spurlock Was allergic to her new hip</b></p>	<p><i>Paula talks about the surprise of learning of her allergy -</i>          “It never even occurred to anybody to think about a metal allergy.” :04</p> <p><i>Paula talks about the results of her testing -</i>          “That hip was 68% cobalt, so it needed to be removed. It was causing really bad inflammation and pain and I was obviously allergic to it.” :09</p> <p><i>Paula talks about the reaction of her surgeon after her allergies -</i>          “I called him after I had the allergy testing and I said ‘I’m actually allergic to these metals.’ And he was completely shocked. He had no idea.” :08</p>
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