

New Rapid Test for Preeclampsia Can Provide Life-Saving Diagnosis

Pregnant women may receive critical treatment sooner with help of fast and easy test

The Ohio State University Wexner Medical Center

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NEWS PACKAGE

SUGGESTED TEASE	A NEW TEST TO QUICKLY IDENTIFY A COMMON AND DANGEROUS CONDITION DURING PREGNANCY MAY HELP KEEP MORE MOMS AND BABIES HEALTHY. DETAILS, COMING UP IN HEALTH NEWS.
ANCHOR LEAD	<hr/> <p>MOST WOMEN EXPECT SYMPTOMS LIKE SWELLING AND HEADACHES WHEN THEY'RE PREGNANT, BUT THEY CAN ALSO BE SIGNS OF A VERY DANGEROUS CONDITION CALLED PREECLAMPSIA.</p> <p>AND WHILE THE ONLY CURE IS GIVING BIRTH, MANAGING THE CONDITION AS EARLY AS POSSIBLE CAN GIVE MOMS THE BEST CHANCE OF CARRYING THEIR BABY TO FULL TERM.</p> <p>NOW, A NEW TEST TO DIAGNOSE PREECLAMPSIA ON THE SPOT¹ IS HELPING TO KEEP MOMS AND BABIES SAFE.</p> <p>BARB CONSIGLIO HAS THE DETAILS.</p> <hr/>
(PACKAGE START) ----- CG: Courtesy: The Ohio State University Wexner Medical Center :00 - :03 Shot of Jessi with kids Photo of Jessi pregnant	(Nats - Sound) :02
CG: Jessi Prizinsky Had preeclampsia while pregnant	WHEN JESSI PRIZINSKY WAS PREGNANT WITH HER FIRST CHILD, SHE DIDN'T WORRY TOO MUCH WHEN SHE NOTICED HER FEET SWELLING. :06
Shots of Jessi playing with kids	<i>"Well, you hear, everybody tell you, you know, the swollen ankles, and get your feet up and all that. That was where I thought, 'okay.' And then it started to be, it kind of looks like it's in my arms and hands too."</i> :12
CG: Dr. Kara Rood Ohio State Wexner Medical	THAT SWELLING WAS CAUSED BY PREECLAMPSIA, A CONDITION THAT AFFECTS ABOUT FIVE PERCENT OF PREGNANCIES ² AND CAN BE LIFE-THREATENING TO MOTHER AND CHILD. :08
	<i>"One of the hard parts with preeclampsia is there's a lot of symptoms of just pregnancy alone, and other medical</i>

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<p>Center</p>	<p><i>conditions that have similar symptoms that the women experience like high blood pressure, headaches, changes in vision, those can be attributed to a lot of other things.” :14</i></p>
<p>Shots of Dr. Rood in exam with pregnant woman</p>	<p>IF PREECLAMPSIA IS SUSPECTED, EXTENSIVE AND INVASIVE TESTS ARE REQUIRED, AND LABOR MAY BE INDUCED EARLY TO ALLEVIATE DANGEROUSLY HIGH BLOOD PRESSURE OR SEIZURES.</p>
<p>Shots of lab test</p>	<p>BUT NOW A SIMPLE TEST CAN ACCURATELY DIAGNOSE THE CONDITION IN JUST THREE MINUTES. :13</p>
<p>Shots of red dye test</p>	<p>IN A NEW STUDY, RESEARCHERS AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER TESTED A QUICK DIAGNOSTIC TOOL, ALLOWING CRITICAL CARE TO BEGIN RIGHT AWAY. :10</p>
<p>Shot of prenatal exam</p>	<p><i>“It’s so easy to use, it’s non-invasive and it takes very little resources to actually conduct the test.” :06</i></p>
<p>Dr. Rood (CG’d earlier)</p>	<p>THE TEST USES A SPECIAL DYE THAT REACTS TO THE PROTEINS PRESENT IN THE URINE OF WOMEN WITH PREECLAMPSIA.</p>
<p>Graphic: Proteins reacting to test Positive and negative red dye test</p>	<p>NOT ONLY DOES THIS PROVIDE A FAST DIAGNOSIS, BUT IT ALSO HELPS PREVENT UNNECESSARY ADMISSIONS. :12</p>
<p>Shots of Dr. Rood in exam with pregnant woman</p>	<p><i>“Without the certainty of this test aiding in the diagnosis, we as providers are definitely overcautious as this is definitely something we don’t want to miss because of the life-threatening results of a misdiagnosis for moms and babies.” :13</i></p>
<p>Dr. Rood (CG’d earlier)</p>	<p>BECAUSE OF HER PREECLAMPSIA, JESSI WAS INDUCED THREE WEEKS EARLY AND SAYS SHE WAS MORE AWARE OF THE SIGNS WITH HER SECOND PREGNANCY. :06</p>
<p>Shots of Jessi playing with kids</p>	<p><i>“The biggest thing is listening to your body.” :02</i></p>
<p>Jessi Prizinsky (CG’d earlier)</p>	<p>AT THE OHIO STATE WEXNER MEDICAL CENTER, THIS IS BARB CONSIGLIO REPORTING. :03</p>
<p>Shots of Jessi playing with kids</p>	<p>RESEARCHERS EXPECT THE TEST TO BE APPROVED BY THE F-D-A IN THE NEXT FEW YEARS SO THAT IT CAN BE USED BY OB/GYNS NATIONWIDE.</p>
<p>(PACKAGE END) -----</p>	<p>THEY SAY THE TEST IS EVEN EASY ENOUGH FOR WOMEN TO TAKE AT HOME SO PREECLAMPSIA CAN</p>
<p>ANCHOR TAG</p>	

References

¹*Congo Red Dot Paper Test for Antenatal Triage and Rapid Identification of Preeclampsia.* Elsevier EClinicalMedicine, March 1, 2019. Online:
<https://www.sciencedirect.com/science/article/pii/S2589537019300252?via%3Dihub>

²*About Preeclampsia.* Preeclampsia Foundation, 2019. Online:
<https://www.preeclampsia.org/health-information/about-preeclampsia>

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

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