

# Study: 1 in 6 Colon Cancer Patients Under 50 are Predisposed

Experts screen 3,000, find genetic condition 95% of affected don't know they have

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The Ohio State University Comprehensive Cancer Center -  
James Cancer Hospital and Solove Research Institute

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Content provided by: The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute

## NEWS PACKAGE

### SUGGESTED TEASE

STILL TO COME, UNCOVERING THE RISK OF COLON CANCER IN CERTAIN FAMILIES.

WHAT RESEARCHERS HAVE FOUND AND WHY YOU MAY WANT TO CONSIDER BEING TESTED, NEXT IN HEALTH NEWS.

### ANCHOR LEAD

EACH DAY, 400 MORE AMERICANS WILL BE DIAGNOSED WITH COLORECTAL CANCER,<sup>1</sup> - IT IS THE SECOND LEADING CAUSE OF CANCER THAT AFFECTS BOTH MEN AND WOMEN.

CATCHING IT EARLY IS THE KEY TO TREATING IT SUCCESSFULLY, AND RESEARCHERS SAY THERE IS ONE GROUP WHO MAY BE AT A HIGHER RISK THAN FIRST THOUGHT.

WITH DETAILS, HERE'S CLARK POWELL.

### (PACKAGE START) -----

**CG: Courtesy: The Ohio State University Comprehensive Cancer Center**  
:00 - :03

Shots of Nancy and Michael looking at family albums

Close up of Nancy

**CG: Nancy Rosen Has Lynch syndrome**  
:15 - :21

(Nats - Sound) :02

NANCY ROSEN HAS A FAMILY HISTORY OF COLON CANCER, SO IT WASN'T A SURPRISE WHEN SHE WAS DIAGNOSED AT AGE FIFTY-FOUR.

WHAT SHE DIDN'T KNOW WAS THAT HER HIGH RISK WAS CAUSED BY LYNCH SYNDROME, A CONDITION THAT PREVENTS HER BODY FROM PROPERLY REPAIRING DAMAGED D-N-A. :15

*"Knowing I have Lynch syndrome allows me to act proactively to hopefully prevent getting another recurrence of cancer."* :05



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<p>Shots of both in yard with dog</p> <p>Shots of lab testing</p> <p><b>CG: Heather Hampel, MS, LGC</b>  <b>The Ohio State University</b>  <b>Comprehensive Cancer Center</b>  <b>:37 - :48</b></p> <p>Shots of Hampel in genetic counseling session</p> <p>Shots of exam/screening</p> <p>Shot of Nancy and Michael with dog</p> <p><b>CG: Michael Greene</b>  <b>Has Lynch syndrome</b>  <b>1:11 - 1:21</b></p> <p><b>Heather Hampel (CG'd earlier)</b></p> <p>Shot of Michael and Nancy in yard</p> <p><b>(PACKAGE END) -----</b></p> <p><b>ANCHOR TAG</b></p>	<p>NANCY BECAME AWARE OF HER LYNCH SYNDROME THANKS TO A NOVEL SCREENING PROGRAM AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER - JAMES CANCER HOSPITAL AND SOLOVE RESEARCH INSTITUTE.</p> <p>WHERE RESEARCHERS LED AN EFFORT TO CONDUCT TUMOR SCREENINGS ON MORE THAN 3-THOUSAND PATIENTS DIAGNOSED WITH COLON CANCER. :20</p> <p><i>“From that, we have actually offered genetic testing to about 370 at-risk relatives, and another 120 have tested positive, so you can see where it balloons once you get to the family members.” :11</i></p> <p>HEATHER HAMPEL (<i>pronounced: HAM-pul</i>) LEADS THE PROJECT. IN A NEWLY PUBLISHED REPORT, SHE LOOKED AT A SUBSET OF PATIENTS IN OHIO DIAGNOSED SINCE 2013 AND UNDER THE AGE OF 50.<sup>2</sup></p> <p>IN FINDINGS LARGER THAN PREVIOUSLY THOUGHT, HER TEAM FOUND 1 IN 6 OF THOSE PATIENTS HAVE GENETIC FLAWS THAT RAISE THE RISK OF CANCER IN OTHER FAMILY MEMBERS.</p> <p>INCLUDING NANCY’S SON MICHAEL, WHO PLANS TO USE THAT KNOWLEDGE TO STAY HEALTHY. :17</p> <p><i>“I’m grateful that I know now. Before I would have never gotten a colonoscopy. I would have no idea I’m at greater risk.” :10</i></p> <p><i>“It’s critically important to find out young so that you can start those screenings at the right age and do them at the right frequency and we can prevent these individuals from getting cancer in the first place.” :10</i></p> <p>AT OHIO STATE’S COMPREHENSIVE CANCER CENTER, THIS IS CLARK POWELL REPORTING. :04</p> <hr/> <p>EXPERTS SAY MORE THAN 95 PERCENT OF THOSE WITH LYNCH SYNDROME ARE UNAWARE THAT THEY HAVE IT.</p> <p>THEY’RE HOPING THE EFFORTS IN THE OHIO COLORECTAL CANCER PREVENTION INITIATIVE CAN BE APPLIED NATIONALLY TO HELP</p>
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THOUSANDS MORE.

**SOCIAL MEDIA**

<p> <b>Share it! Suggested tweet:</b></p>	<p>One trait boosts your lifetime risk of cancer, but experts <a href="#">@OSUCCC_James</a> say just knowing you have it may help prevent cancer. <a href="http://bit.ly/2fCOjzb">bit.ly/2fCOjzb</a></p>
<p> <b>Suggested post:</b></p>	<p>1 in 6 colon cancer patients diagnosed before age 50 has a genetic condition passed down through families that could affect their siblings and children. Learn more about the report from <a href="#">The Ohio State University Comprehensive Cancer Center</a> and who should be screened here: <a href="http://bit.ly/2fCOjzb">bit.ly/2fCOjzb</a></p>

**EXTRA BITES**

<p><b>CG: Heather Hampel, MS, LGC</b> The Ohio State University Comprehensive Cancer Center</p>	<p>Hampel explains the importance of diagnosis: <i>“Knowledge truly is power in this case where if you know that you're at increased risk for something, you can take the steps needed to keep yourself from getting that cancer and prevent it.”</i></p>
	<p>Hampel says most don't know they have lynch syndrome: <i>“We're learning that at least 1 out of every 35 colorectal cancer patients has Lynch Syndrome and most of them don't know it.”</i></p>
<p><b>CG: Nancy Rosen</b> Has Lynch syndrome</p>	<p>Hampel describes hopes for future diagnoses: <i>“We hope to potentially expand to the region or to the nation. Really we believe all 50 states should be screening all of their newly diagnosed colorectal cancer patients for Lynch Syndrome at the time of diagnosis.”</i></p>
<p><b>CG: Michael Greene</b> Has Lynch syndrome</p>	<p>Rosen says future prognosis is better due to diagnosis: <i>“The prognosis going forward for me is better, and for my son is better, too. Maybe they can't fix us genetically but if they can stop the cancer before they start.”</i></p> <p>Greene says diagnosis leads to early cancer detection: <i>“They could find it before it became even a problem that it would be as routine as going through clipping off small polyps that are not to the stage where they would consider it cancer.”</i></p>

**References**

<sup>1</sup>Colorectal Cancer Statistics, Centers for Disease Control and Prevention, online:

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<http://www.multimedianeewsroom.tv>

<https://www.cdc.gov/cancer/colorectal/statistics/>

<sup>2</sup>Hampel, H. (2016). Prevalence and spectrum of germline cancer susceptibility gene mutations among early onset colorectal cancer patients. *Jama Oncology*, *Volume(Issue)*, pp. Page(s). doi:# or Retrieved from URL

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

The Ohio State Comprehensive Cancer Center - James Cancer Hospital & Solove Research Institute

The James Line: 1-800-293-5066

Log onto <http://www.cancer.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

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