

# Study: Focused Radiation Offers Breast Cancer Patients Less Intense Treatments with Effective Results

*Partial breast radiation can be completed in just five days instead of several weeks*

*The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute*

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## NEWS PACKAGE

<b>SUGGESTED TEASE</b>	BREAST CANCER PATIENTS FACE HARD DECISIONS ABOUT TREATMENT, BUT A NEW OPTION MAY HELP MAKE THAT DECISION A LITTLE EASIER FOR THOSE WITH EARLY-STAGE, LOW RISK DISEASE. DETAILS ON A NEW STUDY, COMING UP.
<b>ANCHOR LEAD</b>	REGULAR SCREENINGS AND ADVANCING TREATMENTS ARE HELPING MORE WOMEN THAN EVER SURVIVE BREAST CANCER. BUT EVEN WHEN CAUGHT EARLY, MORE THAN TWO-HUNDRED-THOUSAND WOMEN EACH YEAR <sup>1</sup> ARE FACED WITH TOUGH DECISIONS ABOUT WHETHER TO HAVE A MASTECTOMY, OR REMOVE JUST THE TUMOR AND UNDERGO WEEKS OF RADIATION. BUT A NEW STUDY <sup>2</sup> SHOWS A THIRD OPTION MAY ALLOW PATIENTS TO UNDERGO BREAST CONSERVATION SURGERY WITH A MUCH LESS INTENSE FOLLOW-UP TREATMENT. BARB CONSIGLIO HAS THE DETAILS.
<b>(PACKAGE START) -----</b>	(Nats - Sound) :02
<b>CG: Courtesy:</b> The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute Shots of Wendy putting on robe, preparing to preach	AFTER HAVING A LUMPECTOMY TO REMOVE STAGE ONE BREAST CANCER, WENDY LYBARGER EXPECTED RADIATION TREATMENTS TO KEEP HER FROM HER WORK AS A PASTOR. :07
<b>CG: Wendy Lybarger</b> Had partial-breast radiation after lumpectomy	<i>“To have to travel two hours, two-plus hours out of my day each day for multiple weeks for radiation treatment, I wasn’t sure how I was going to manage that.” :13</i>  BUT DOCTOR JULIA WHITE OFFERED HER

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<p>Shot of Wendy walking out of pastor office to preach</p> <p>Shots of Dr. White in exam with patient</p> <p><b>CG: Dr. Julia White</b> The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute</p> <p>Shots of Dr. White reviewing breast scans Shots of radiation treatment (blur for graphic)</p> <p><b>Graphic:</b> Full vs. Partial Breast Radiation -Recurrence after 10 years less than 5% -Difference in recurrence among stage one breast cancer patients was less than 1%</p> <p><b>Dr. White (CG'd earlier)</b></p> <p>Shots of Dr. White in exam with patient</p> <p><b>Dr. White (CG'd earlier)</b></p> <p>Shots of Wendy preaching</p> <p><b>Wendy Lybarger (CG'd earlier)</b> Shots of Wendy preaching</p>	<p>ANOTHER OPTION—RATHER THAN RADIATING THE ENTIRE BREAST, SHE RECEIVED FOCUSED RADIATION TO THE SMALL AREA WHERE HER TUMOR WAS REMOVED, A TREATMENT PLAN THAT TOOK JUST FIVE DAYS. :08</p> <p><i>“When you look at women who do get a recurrence in their breast after lumpectomy, it almost always, 80 to 90% of the time, comes back to the same spot in the breast.” :08</i></p> <p>DOCTOR WHITE LED A STUDY AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER – JAMES CANCER HOSPITAL AND SOLOVE RESEARCH INSTITUTE THAT FOUND CANCER RECURRENCE AMONG EARLY-STAGE PATIENTS WHO RECEIVED LUMPECTOMY AND RADIATION WAS LESS THAN FIVE PERCENT AFTER TEN YEARS, AND THE DIFFERENCE BETWEEN THOSE WHO HAD FULL AND PARTIAL BREAST RADIATION WAS LESS THAN ONE PERCENT. THE RESULTS WERE EVEN BETTER AMONG WOMEN OVER FIFTY WITH HORMONE SENSITIVE CANCER. :23</p> <p><i>“The short five-day treatment is just as good as the whole breast irradiation for four to six weeks.” :08</i></p> <p>WHILE PARTIAL BREAST RADIATION ISN'T AN OPTION FOR EVERY PATIENT, IT GIVES MORE WOMEN A LESS INTENSE, YET EFFECTIVE OPTION WHEN DECIDING IF A LUMPECTOMY IS RIGHT FOR THEM. :08</p> <p><i>“It really facilitates more women having access to good radiation so that if they want to preserve their breast, they're able to.” :08</i></p> <p>FOR WENDY... :01</p> <p>(NATS- Wendy Preaching: <i>“Indeed, there is newness of life.” :03</i></p> <p>IT ALLOWED HER TO CONTINUE TO DO WHAT SHE LOVES WITHOUT SKIPPING A BEAT. :03</p> <p><i>I lived life fully through the treatments, before the treatments, after the treatments.” :05</i> AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER – JAMES</p>
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<p><b>(PACKAGE END) -----</b></p> <p><b>ANCHOR TAG</b></p>	<p>CANCER HOSPITAL AND SOLOVE RESEARCH INSTITUTE, THIS IS BARB CONSIGLIO REPORTING. :05</p> <hr/> <p>RESEARCHERS HOPE THE STUDY WILL ENCOURAGE MORE HOSPITALS TO OFFER PARTIAL BREAST RADIATION.</p> <p>THEY SAY MANY WOMEN OFTEN OPT FOR A MASTECTOMY OUT OF FEAR, BUT THAT OFFERING MORE CHOICES THAT ARE JUST AS SUCCESSFUL IN ERADICATING THEIR CANCER CAN MAKE THEIR DECISIONS EASIER.</p>
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### SOCIAL MEDIA

<p> <b>Share it! Suggested tweet:</b></p>  <p> <b>Suggested post:</b></p>	<p>A new study by researchers at <a href="#">@OSUCCC_James</a> finds a shorter, less intense course of treatment after a lumpectomy is often just as effective as standard radiation. <a href="http://bit.ly/2JjxHLW">http://bit.ly/2JjxHLW</a></p> <hr/> <p>Women with early-stage breast cancer face tough decisions about whether to have a mastectomy or remove only the tumor and undergo weeks of daily radiation treatments. Now, a new study by researchers at <a href="#">The Ohio State Comprehensive Cancer Center—James Cancer Hospital &amp; Solove Research Institute</a>, done in collaboration with numerous other cancer centers, finds that a third option may make that decision easier for many patients. <a href="http://bit.ly/2JjxHLW">http://bit.ly/2JjxHLW</a></p>
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### EXTRA BITES

<p><b>CG: Dr. Julia White</b> The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute</p>          <p><b>CG: Dr. Julia White</b></p>	<p>White explains the idea behind partial breast radiation: <i>“Since the beginning of breast conservation we’ve tried to figure out how can we give women the same cancer control with breast radiation, but not take up so much time? And that’s where partial breast radiation comes in.”</i></p> <p>White says partial and full breast radiation has equal results for certain patients: <i>“Looking at that over age 50, hormone-sensitive, node-negative population, they saw no difference at 10 years between whole breast irradiation and partial breast irradiation.”</i></p> <p>White says partial breast radiation gives patients options: <i>“There are women out there who need whole breast</i></p>
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The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute

**CG: Wendy Lybarger**  
Had partial-breast radiation after lumpectomy

*radiation to get excellent cancer control, and they should keep on getting it, but what's important is that women who have a lower risk, hormone-sensitive, who are dedicated to taking their anti-endocrine therapy for at least five years, they have an option."*

Wendy says she hosted Christmas two weeks after treatment: *"Two weeks after finishing radiation, my mom was here from Florida for the Christmas holidays, my kids and grandkids were in and out of the house. I cooked a Christmas Eve dinner, a Christmas morning brunch and a Christmas afternoon dinner, and we spent the day celebrating."*

Wendy says partial breast radiation was easier and effective: *"This was not only what appeared to be the easiest option, it was the best option for me, medically."*

Wendy said the treatment plan seemed too good to be true: *"That sounded too good to be true, because it would allow me to be able to have my treatment at the James, in a shorter amount of time, not be out of work."*

### References

<sup>1</sup>*Mastectomy vs. Lumpectomy for Early Breast Cancer: How to Choose*, **U.S. News & World Report, Jan. 13, 2015**. Online: <https://health.usnews.com/health-news/patient-advice/articles/2015/01/13/mastectomy-vs-lumpectomy-for-early-breast-cancer-how-to-choose>

<sup>2</sup>*Patient-reported Outcomes (PROs) in NRG Oncology/NSABP B-39/RTOG 0413: A Randomized Phase III Study of Conventional Whole Breast Irradiation (WBI) v Partial Breast Irradiation (PBI) in Stage 0, I, or II Breast Cancer*, **ASCO 2019, May 15, 2019**. Online: [http://abstracts.asco.org/239/AbstView\\_239\\_256461.html](http://abstracts.asco.org/239/AbstView_239_256461.html)

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