

# What does a diagnosis of dense breasts mean?

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A recent Food and Drug Administration rule requires healthcare providers to notify people if they have dense breasts. Studies have shown that dense breast tissue can make it more difficult to detect breast cancer

early.

Dr. Kristin Robinson, a Mayo Clinic breast radiologist, says women with dense breast tissue are at a slightly increased risk of developing breast cancer compared to women without, and that's why early detection is so important.

"About 50% of women have dense breast tissue," says Dr. Robinson.

Dr. Robinson says you can't tell by looking at a woman whether she has [dense breasts](#). She says people with dense breasts have less fat and more glandular and [connective tissue](#) in their breasts.

"When we see a woman's mammogram, that dense tissue, that fibroglandular tissue, looks white, whereas the fat looks dark or like a black color. So, when we're looking at a mammogram, the more white tissue we see, the more dense a woman's breasts are considered," says Dr. Robinson.

She says it's difficult to detect cancer in dense breasts because breast cancer and dense tissue appear white on a mammogram.

"Our sensitivity or our ability to detect breast cancer goes down in women who have dense breast tissue for that reason," she explains.

## **Dense breast tissue supplemental screenings**

The radiologist encourages women with dense breast tissue to have supplemental screenings.

"Whole-breast screening ultrasound, MRI, molecular breast imaging, and contrast-enhanced mammography" are some options patients might consider, says Dr. Robinson.

Mayo Clinic healthcare professionals recommend annual mammograms starting at age 40 for most women. In addition, a personalized [breast cancer](#) risk assessment is suggested at age 30 for all [women](#) to see if screening is needed before age 40.

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