What is DenseBreast-info.org?

DenseBreast-info.org is the world’s leading educational website about dense breasts. Patients and health care professionals can find accurate, up-to-date and medically-sourced information developed by breast imaging experts and researchers.

Dense breasts have nothing to do with the way a breast looks or feels. Dense breast tissue increases the risk of developing breast cancer and of cancer being missed on the mammogram.

THERE ARE FACTS YOU SHOULD KNOW.

<table>
<thead>
<tr>
<th>Mammogram of “Not Dense” Breast</th>
<th>Mammogram of “Dense” Breast</th>
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<tbody>
<tr>
<td>A small cancer is easy to see</td>
<td>Even a large cancer is hard to see</td>
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# 5 FACTS YOU SHOULD KNOW

1. **Breasts are made of fat and glands that make milk, held together by fibrous tissue.** The more glands and fibrous tissue compared to fatty tissue that a woman has, the “denser” her breast tissue.

2. **Many women have dense breasts.** This is normal and common. In fact, nearly half (over 40%) of women over age 40 have dense breasts.

3. **When radiologists look at mammograms, they can see how dense the breasts are.** In these four mammogram images, the dense tissue appears as white. Categories A and B are “not dense” breasts. Categories C and D are “dense” breasts.

4. **Dense tissue appears white on a mammogram, and so does cancer.** This makes it harder for radiologists to see cancer in dense breasts. Because cancer can be missed, it is often found when larger and at a later stage in women with dense breasts.

5. **Dense breasts are also a risk factor for breast cancer.** A woman’s risk for breast cancer increases with the level of density in her breasts.

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## I HAVE DENSE BREASTS...NOW WHAT?

- **Ask for a 3D mammogram** (digital breast tomosynthesis) if available (instead of a digital 2D mammogram).
- **Ask about additional screening tests** that can find cancer that may be hidden on a mammogram.
- **The type of additional screening tests recommended will depend on your breast density and other risk factors. Talk with your health professional to learn your risk level and what tests may be right for you.**
- **You and your health care professional can do a risk assessment** together using this tool: https://ibis.ikonopedia.com. If your lifetime risk of breast cancer is 20% or greater, you are “high risk.”

### IMPORTANT BREAST CANCER RISK FACTORS TO CONSIDER

- Dense breasts
- Disease-causing genetic variant (like BRCA)
- Prior breast biopsies
- Family history of cancer
- Prior chest radiation therapy
- High body mass index (BMI) after menopause

### SHOULD I GET MORE SCREENING TESTS AFTER MY MAMMOGRAM?

- **If you are at high risk, with or without dense breasts,** have a yearly breast MRI* in addition to your mammogram.
- **If you have dense breasts and are not otherwise at high risk,** talk with your health care professional about additional screening tests to consider (like breast MRI* if possible, or ultrasound).
- **If you have had breast cancer,** have a yearly mammogram and breast MRI* if you still have dense breasts or were diagnosed before age 50.

*If you are not able to have a breast MRI, a contrast-enhanced mammogram (CEM) or molecular breast imaging (MBI) are other options. Ultrasound can be considered if these options are not possible.

**Europeans:** The European Society of Breast Imaging recommends that women with extremely dense breasts aged 50 to 70 years be offered breast MRI every 2 to 4 years. If breast MRI is unavailable, ultrasound with mammography may be used.