

## Press Releases

**INHQE NOTE:** The following Press Release from the American college of Radiology, which appeared on the ACR website at <http://www.acr.org/About-Us/Media-Center/Press-Releases/2012-Press-Releases/20120820-Gierach-et-al-Study-in-JNCI-Good-News-for-Women-with-Dense-Breasts> (accessed 9/26/12) deliberately misrepresents the findings of the study in order to “reinforce need for regular mammograms” for women with dense breast tissue.

### ACR and SBI: Gierach et al Study in JNCI Good News for Women with Dense Breasts, Reinforces Need for Regular Mammograms

**August 20, 2012**

According to the American College of Radiology and the Society of Breast Imaging, the paper by Gierach et al, published in the Journal of the National Cancer Institute (which is not the National Cancer Institute's journal), is reassuring for women with dense breast tissue (a large percentage of fibrous and glandular tissues). Although they are at increased risk of developing breast cancer compared with women with fatty breasts, the good news is that they are not at increased risk of dying from breast cancer when compared to women with mostly fat in their breasts.

Concerns have been raised that because the ability of mammography to find cancers is somewhat reduced in women with dense breasts that they should be screened with ultrasound or magnetic resonance imaging (MRI) in addition to mammography. This is certainly an issue that needs to be carefully studied in a scientific fashion. Although it is true that supplemental screening can detect additional cancers that are not found by mammography, there are many more "false alarms" with its use compared to mammography. These include more follow-up studies and more biopsies for findings that are not cancer. Furthermore, it is important to remember that mammography is the only test that has been shown in randomized, controlled trials (the most rigorous scientific studies) to actually save lives.

State legislatures have passed and continue to pass laws requiring radiologists to notify women that they have dense breast tissue. Some of these laws actually mention that women might want to participate in MRI and/or ultrasound screening because they have dense breasts. However, it is unknown if such screening can actually benefit them in terms of saving lives. It is important to remember that there are women who should have supplemental screening with MRI due to a high risk status. These include women with a strong family history of breast cancer and others. Strategies other than supplemental screening can be employed to reduce breast cancer risk among high risk women. Thus, women should speak with their doctors about their risk factors to fully explore available options.

The Gierach study is reassuring, since ultrasound and MRI were not used routinely for screening among the women who were studied. Rather than requiring additional tests that may produce more false alarms, the emphasis should be on supporting trials of MRI and ultrasound to determine whether or not using them for screening average risk women can further reduce the death rate when added to mammography.

In this study, women who were “obese” with fatty breasts were at increased risk of dying from their breast cancers. This emphasizes the fact that having fatty breast tissue does not protect a woman from developing and dying of breast cancer. This paper reinforces the fact that all women, regardless of their breast density, should participate in annual mammography screening beginning at the age of 40.

**For more information about the benefits of annual mammography screening, please visit [mammography.saveslives.org](http://mammography.saveslives.org).**

