Invasive Mammary Carcinoma in Young Women

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**Abstract**

This research is a case study of a 34-year-old patient that presented with a right breast lump measuring 1.9cm found to have invasive mammary carcinoma. Diagnostic mammogram and ultrasound were followed by ultrasound guided breast biopsy to make the diagnosis.

Breast cancer is the leading cause of cancer-related death in women between the ages of 15-39 in the United States. Annual mammograms are recommended to begin at age 40, therefore younger women often do not have mammograms or breast ultrasounds unless they have symptoms. As a result, younger women are often diagnosed with breast cancer at a later stage with a poor prognosis. In many cases, the diagnosis an invasive breast cancer. Invasive breast cancer is a term that is used to describe a cancer that has invaded or infiltrated the surrounding healthy tissue. Patients with this diagnosis undergo more aggressive treatments to improve outcomes. Invasive mammary carcinoma is breast cancer that has features of both ductal carcinoma and lobular carcinoma; thus is considered a mixed tumor. Invasive mammary carcinoma typically begins as a ductal carcinoma that has spread to the surrounding lobules of the breast.

*Keywords:* invasive mammary carcinoma, breast cancer, mammogram, young women

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