Triple-Negative Breast Cancer: What Is Known About It?

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Triple-negative breast cancer (TNBC) is considered a rare diagnosis. This malignancy targets a specific population of women and has risk factors differing from those of other breast cancers. TNBC exhibits distinct pathologic features that result in aggressive metastasis and poor prognosis. Pathologically, TNBC cancer cells are characterized by negative receptors for progesterone and estrogen and by the lack of over-expression of human epidermal growth factor receptor 2, which limits chemotherapeutic treatment options for women with TNBC. Nurses can assist in early detection by offering patient education about the little known risk factors for TNBC. Psychosocial issues can overwhelm patients diagnosed with breast cancer. This article provides suggestions for nurses as they guide women who are experiencing an atypical breast cancer diagnosis with an uncertain prognosis and limited treatment options.

Case Study

R.D. is a 45-year-old Caucasian woman who works as a nurse practitioner in an urban hospital in the southwestern United States. She has been married for two years and has two adult children. R.D. found a lump in her right breast on April 9, 2012, while changing clothes. She had not noticed the lesion before this time, but she also could easily feel the mass. R.D. had no history of breast mass in the past; however, she had two benign diagnostic mammograms with ultrasound to rule out pathology in 2009 and 2010.