

## عنوان مقاله:

The Core Needle and Surgical Biopsy Concordance to Detect Estrogen, Progesterone, and Her-2 Receptors in Breast Cancer: A Comparative Study

## محل انتشار:

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## نویسندگان:

Fereshteh Ensani - Dept. of Pathology, Cancer Institute Hospital, Tehran University of Medical Sciences, Tehran, Iran

Ramesh Omranipour - Surgical Oncology Center Institute Hospital, Tehran University of Medical Science, Tehran, Iran

Isa Jahanzad - Dept. of Immunohistochemistry, Cancer Institute, Tehran University of Medical Science, Tehran, Iran

Azadeh Jafari - Dept. of Pathology, Cancer Institute Hospital, Tehran University of Medical Sciences, Tehran, Iran

## خلاصه مقاله:

**Background & Objectives:** Evaluation of estrogen receptor (ER), progesterone receptor (PR), and (human epidermal growth factor receptor-2) Her-2 on core needle biopsies (CNBs) is increasingly in use to diagnosis early breast cancer, but its concordance with surgical excision (SE) is not well documented. **Methods:** The study included 100 formalin fixed, paraffin-embedded specimens of invasive breast carcinoma archived in Pathology Department of Cancer Institute, Tehran, Iran, from 2011 to 2014. Immunohistochemistry was applied to detect ER, PR, and Her-2. **Results:** The current study findings indicated a significant correlation of 90% between CNB and SE specimens for ER expression. The correlation between CNB and SE specimens was estimated as 81% and 97.3% for PR and Her-2, respectively. **Discussion:** CNB can be performed confidently to determine ER and Her-2. For PR, results obtained from CNB should be considered

## کلمات کلیدی:

Core Needle Biopsy, Breast cancer, Estrogen, progesterone, Her2

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/930245>

