

# **JAMA**<sup>®</sup> **RADIO REPORT**

The Journal of the American Medical Association

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**This week's package, embargoed until:  
11a.m. (ET) Tuesday, March 17 2015 is:**

## **“Study Examines Diagnostic Accuracy of Pathologists Interpreting Breast Biopsies”**

Radio script (TRT:60)

EMBARGO: 11 a.m. (ET) Tuesday, March 17, 2015

**VO: EACH YEAR, MORE THAN ONE AND HALF MILLION WOMEN IN THE UNITED STATES UNDERGO A BREAST BIOPSY. A PATHOLOGIST EVALUATES THIS BREAST TISSUE TO PROVIDE A DIAGNOSIS FOR THE PATIENT AND HER DOCTOR. A NEW STUDY EXAMINED THE ACCURACY OF PATHOLOGISTS INTERPRETING DIFFERENT BREAST BIOPSY SPECIMENS.**

**“I think it's a challenging job that the doctors have to try and define what is atypical versus what's normal and what's pre-invasive.”**

**VO: DR. JOANN ELMORE FROM THE UNIVERSITY OF WASHINGTON IN SEATTLE AND CO-AUTHORS ENLISTED 115 VOLUNTEER PATHOLOGISTS AROUND THE COUNTRY. THE PATHOLOGISTS INTERPRETED A TOTAL OF 240 TEST SLIDES INCLUDING INVASIVE BREAST CANCER AND TWO TYPES OF PRE-INVASIVE DIAGNOSES, ATYPIA AND DUCTAL CARCINOMA IN SITU (SIGH-TWO). THOSE RESULTS WERE THEN COMPARED TO A STANDARD DEVELOPED BY A GROUP OF VERY EXPERIENCED BREAST PATHOLOGISTS. THE STUDY APPEARS IN JAMA, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION.**

**“When women had invasive breast cancer there was a near perfect agreement among the doctors. We found for atypia it was about 50 percent. For ductal carcinoma in situ, four out of five cases they were in agreement.”**

**CATHERINE DOLF, THE JAMA REPORT.**

