

Ultrasound findings in invasive breast CA link to histopathology

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(HealthDay)—Histopathologic patterns and biomarkers for invasive breast cancer correlate with differences in findings on sonographic (US) imaging, according to a study published in the January issue of the *Journal of Clinical Ultrasound*.

Melania Costantini, M.D., from the Brotzu Hospital in Cagliari, Italy, and colleagues examined the putative [correlations](#) between [invasive breast cancer](#) US findings and histopathologic patterns and biomarkers. They evaluated 100 women with invasive breast cancer. Hard copies of US examinations performed during US-guided biopsy procedure were evaluated by two experienced breast radiologists. They compared US characteristics with histopathologic features and biomarkers.

The researchers observed correlations for low-grade tumors with

spiculated margins (P = 0.002) and hyperechoic halos (P

"Histopathologic [patterns](#) and breast cancer biomarkers determine differences in US imaging that can guide radiologists in better understanding the development of [breast cancer](#) and its prognosis," the authors write.

More information: [Abstract](#)

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