عنوان مقاله:

?Elastography Ultrasound for Breast Tumors: Gland-to-Lesion Strain Ratio or Fat-to-Lesion Strain Ratio

محل انتشار:

مجله تحقیقات سرطان, دوره 7, شماره 3 (سال: 1402)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

Introduction: To evaluate the diagnostic efficiency of the gland-to-lesion strain ratio versus the fat-to-lesion strain ratio for breast tumor diagnosis. Methods: The prospective study included YV& breast masses in YY+ patients. B-mode ultrasound and elastography were performed for each mass. The gland-to-lesion strain ratio and fat-to-lesion strain ratio of the masses were calculated. The elasticity score of the lesions was also evaluated. The area under the curve, sensitivity, and specificity were calculated to compare the gland-to-lesion strain ratio with the fat-to-lesion strain ratio. Histopathological examination was considered the gold standard for final diagnosis. Results: Three hundred and seventy-five breast masses were included in our study (YAA benign and VY malignant). The gland-to-lesion strain ratio (GLR) and fat-to-lesion strain ratio (FLR) of the malignant lesions were significantly higher than those of benign lesions (P<·····\) for both). The sensitivity and specificity of fat-to-lesion strain ratio were significantly better than gland-to-lesion strain ratio, (sensitivity, AF.\% versus YY\% and specificity, AY.Y\% versus A\lambda\lambd

كلمات كليدى:

Breast, Elastography, Elasticity score, FLR, GLR

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