

# Accepted Manuscript

Computer-Aided Tumor Diagnosis in 3-D Breast Elastography

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**1 Highlights**

2

3 ● Using 3-D Gradient vector flow for automatic tumor segmentation.

4

5 ● The proposed feature sets, morphology and elastography, can increase the  
6 classification accuracy.

7

8 ● Our CAD quantifies 3-D US image features to provide a promising diagnostic  
9 suggestion.

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