

## Accepted Manuscript

### A Case-oriented Web-based Training System for Breast Cancer Diagnosis

Qinghua Huang , Xianhai Huang , Longzhong Liu , Yidi Lin ,  
Xingzhang Long , Xuelong Li

PII: S0169-2607(17)30882-9  
DOI: [10.1016/j.cmpb.2017.12.028](https://doi.org/10.1016/j.cmpb.2017.12.028)  
Reference: COMM 4585



To appear in: *Computer Methods and Programs in Biomedicine*

Received date: 12 July 2017  
Revised date: 12 November 2017  
Accepted date: 22 December 2017

Please cite this article as: Qinghua Huang , Xianhai Huang , Longzhong Liu , Yidi Lin , Xingzhang Long , Xuelong Li , A Case-oriented Web-based Training System for Breast Cancer Diagnosis, *Computer Methods and Programs in Biomedicine* (2017), doi: [10.1016/j.cmpb.2017.12.028](https://doi.org/10.1016/j.cmpb.2017.12.028)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Accurate diagnosis of breast tumor in ultrasound images is important
- We collected 1669 breast tumor cases to form the data base
- We develop an online training system for doctors to learn and assess BI-RADS features
- A CAD subsystem is designed to rank the features and execute the diagnosis
- Our system was tested and validated by doctors and interns

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6891060>

Download Persian Version:

<https://daneshyari.com/article/6891060>

[Daneshyari.com](https://daneshyari.com)