

Title: Current Clinical Status of Full-field Digital Mammography

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## **ABSTRACT**

The previous and ongoing clinical trials in digital mammography will be described in detail, including the studies performed to date for Food and Drug Administration approval purposes.

In addition, federally funded studies involving the diagnostic and screening mammography populations will be described in detail. The effect of display parameters, i.e. printed film vs. softcopy display, and appropriate image processing will be discussed. Recommendations regarding future clinical studies in digital mammography will be described.

### **Learning Objectives:**

- 1) To understand the ongoing clinical studies on full field digital mammography vs. screen-film mammography;
- 2) To understand the advantages and disadvantages of softcopy display of digital mammograms;
- 3) To understand the use of image processing for digital mammography.

### **Disclosure Statement:**

I certify that there is a financial relationship between the University of North Carolina and Fischer Imaging. UNC is being paid by Fischer to run their FDA trial.