Abstract

Imaging techniques can play an important role in helping perform breast biopsies, especially of abnormal areas. In this paper we try to identify cancer parts just using simple technique of isolation of insignificant portion of slide by color polarization. Here an attempt is made to analyze the biopsy slides for identification and detection of the area of affected cancer. In the era computer and telecommunications, pathologist’s still mount tissue slices on glass slides, treat them with appropriate stains and examine them through a microscope. Despite advances in staining techniques, it’s a process that has changed little over the last twenty years. Interpreting requires a great deal of skill and experience and it is also time consuming.

Reference
A Technique for Detection and Analysis of Human Breast Cancer

- Breast Cancer Facts & Figures, 2009-2010, American Cancer Society, Inc.

Index Terms

Computer Science

Image Analysis
Key words

Human Breast Cancer

FNAC

Mammography

MRI

Surgical biopsy

Bi-color monochrome image

Inverse color