**The Effectiveness of Breast Cancer Screening in a Hospital in Southern Taiwan**

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**Purpose:**

The prognosis of breast cancer in situ cancer is excellent, and the 5-year survival rate can be nearly 100%. If breast cancer in situ is found early and treated appropriately, it can significantly reduce the mortality of breast cancer.

**Methodology:**

The case herself does not have any family history of breast cancer. Mammography are taken every two years from the age of 50 and at the age of 58 (Lt breast (2,4) and (2,6) clusters of abnormal microcalcification) was found 2 groups of microcalcification points. The diagnosis from the radiologist is that " BI-RADS category 4a low suspicion of abnormality-biopsy should be considered".

**Results:**

Although there is no chief complaint of discomfort during the self-assessment, and neither is pain from the compression, but the doctor still recommended (Digital Mammography) Stereotactic Breast Biopsy.

Usually, the doctors only need to collect one of the calcification points to test, but for this case, the breast surgeon put forward a bright new idea. While the radiologist is doing Stereotactic Breast Biopsy, the operator try to find out another way to operate at the same time — two groups of calcification points were taken out for testing. One of the reason is to reduce the patient’s pain, and the second is to improve the accuracy of the test results.

Finally, the idea was successfully achieved. One of the test results were normal and the other group was (DCIS) carcinoma in situ. Therefore, the patient was immediately admitted to remove the lesion.

**Conclusion:**

Although the two groups of calcifications are quite nearby, especially through this case, we still may get the results of the calcification points of each group are totally different. Nowadays, the early detection is mainly detected by mammography, and the patients get the complete resection of the breast can be almost healed, but there is still a high rate of patients who can only undergo the Breast-Conserving Surgery.

**Keyword**

Biopsy , Mammography and Tumor