

The Role of BSE in Cancer Detection

- Mammography is the most accepted technique for screening and diagnosis of breast cancer.
- However, in some countries, there are limitations with the implementation of this technology.



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• BSE and CBE can be an important factor in providing detection, education and breast health awareness.



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The Role of BSE in Cancer Detection The Role of BSE in Cancer Detection Statistics • Teach basic BSE technique to medical professionals for Statistics facilitating their integration of BSE education while caring for Risk factors their patient. Technique - BSE - CBE Controversy 5 6 Δ Statistics Statistics Breast Cancer is the 2nd cause of cancer death among

- women • I out of 8 women lifetime risk of diagnosed with breast
- cancer · Racial disparities are particularly burdensome for black
- women

- Breast Cancer Incidence
- Most commonly diagnosed invasive, non-skin cancer in Women
- Most self-discovered cancer
- Most controversial cancer



Statistics Breast Cancer is the SECOND

Leading Cause of Cancer Related Deaths in Women in the United States in 2023







- Personal History of Breast Cancer
- Family History of Breast Cancer: 5-10%
- Dense Breasts



- Risk Factors
 Biopsy Confirmed
- Proliferate Breast Disease
- Atypical Hyperplasia
- Ductal Carcinoma in Situ
- Positive BRAC I or 2 Gene Mutation



Male Breast Cancer:

• Obesity

· Incidence increases with age

• BRCA2 gene mutations

Testicular disorders

• Family Hx of male or female breast cancer

• Klinefelter syndrome (chromosomal disorder)





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Technique

Technique

It can be considered the "glue" in the process of early detection, performed monthly between the less frequent clinical breast exams and mammograms.

MAMMOGR

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Breast Exam Timing



MAMMOGF Look At Breasts In A Mirror
 Breasts Look Alike
 Breasts Move Alike
 Nipples Look Alike
 Nipples Point In Same Direction











































Technique • The Technique is no different screening vs diagnostic CBE • However, the documentation of findings is different













































Controversy Controversy Controversy BSE began from a theory by an American surgeon William 1950 ACS and NCI introduced a film Breast Self 1970's BSE was endorsed during the women's health Halsted in the early 1900's, breast cancer is more curable if Examination, viewed by 13 million women (2) movement, in US, Canada and other countries incorporated found early.(1) as one of the healthy practices. · 1951 CCS started distributing the ACS BSE leaflets and generating its own material (3) 83 82 84

medical personnel and imaging (5)



- evidence to recommend the test (4) • No benefit, led to harm, unnecessary medical visits and increased benign bx
- Does not save lives



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Controversy

BSE are often the only method for early detection of breast

cancer in less developed countries who have limited access to









