

EARLY DETECTION and SCREENING - BREAST CANCER –JORDAN.

Background

Based on the cancer data the Jordan Cancer Registry (JCR) collects on a population bases from all health sectors in the kingdom. Breast cancer is the most common cancer and commonest malignancy afflicting Jordanian females consisting of about 38% of women cancers. The Jordan Breast Cancer Program (JBCP) was acknowledged in the year 2006-2007 aiming at educating and raising awareness on breast cancer; EARLY DETECTION and SCREENING.

Purpose

Foundation of early detection and screening cancer program. (Breast Cancer).

Method

The program consisted of (1) Raising public awareness through media, campaigns, lectures, pamphlets, posters and sensitization by health staff. (2) Increase the number and distribution of mammogram machines for easy accessibility with supported cost of the mammogram imaging . (3) Training Female technologist on breast imaging skills. (4) Training more radiologist doctors the mammogram images reading skills.

Findings and out-comes

Public awareness, health education, change attitudes, influence behavioral changes and improve practices concerning breast cancer risk factors. Stemmed breast cancer and down staging outcomes was noted, in which the cases staged III and IV reduced from more than 70 % to less than 37.9% and more numbers seen diagnosed in early stages II and I (27.8% and 4.3%). Establishing national database, and the continuous monitoring and evaluation. Increase screening services accessibility, availability, and usability of quality services for more women in Jordan, Quality assurance through mammography accreditation and unifying screening and diagnostic procedures.

Conclusion

It is a success converted into actions early detection, prevention and more research, based on cancer surveillance and registration. A successful down staging observed in breast cancer as an outcome ,this important finding that is relevant to developing countries where simple and efficient methods could be integrated into existing health care programs. The ensuing down staging should lead to a reduction in mortality for these cancers. It is cost-effective and easy to implement and would be a valuable alternative in countries where majority of the tumors are found in late stage (III and IV) where screening programs meet important difficulties and challenges .

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