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TÜSKA TÜRKİYE HEALTH CARE QUALITY AND ACCREDITATION INSTITUTE

Enhancing Breast Cancer Screening Efficiency for Early Detection and Cost Optimization: Activating the Role Of Care Coordinator

P491

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مستشفى الجبيل العام

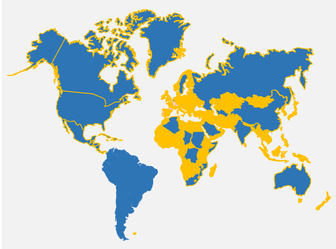
Jubail General Hospital

Eastern Health Cluster

تجمع الشرقية الصحي

1 INTRODUCTION

- Breast cancer is one of the most prevalent cancers globally, with 2.3 million new cases in 2020, and remains a leading cause of cancer-related deaths among women.



2.3 M

New cases in 2020

670,000 deaths globally

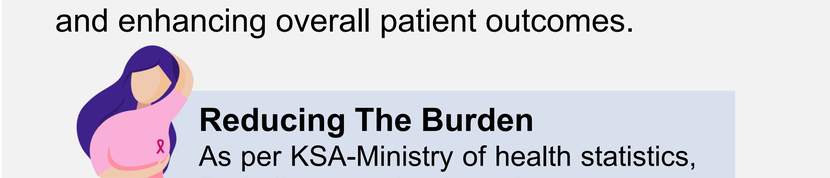
- Early detection through regular screening significantly increases survival rates, yet many women remain resistant to undergoing screening due to fear, lack of awareness, or access barriers.
- Care coordinator activation has been instrumental in reaching more women and facilitating their journey from screening to treatment, enhanced coordination, and improved communication among healthcare providers streamline screening, ensuring timely interventions and enhancing overall patient outcomes.

Reducing The Burden

As per KSA-Ministry of health statistics, Periodic screening is an important step in early detection, that can helps to detects **40%** of cases with an average cure rate of **92-96%.**

2 OBJECTIVE

- To achieve early detection by screening all eligible women aged 40-69 years in Jubail City following MOH-Saudi guidelines.
- To facilitate the journey from initial screening to management and referrals, ensuring comprehensive and streamlined care.



3 METHOD

Identify Jubail eligible women

- Collaborate with the Population Health Management team to identify and register eligible women in Jubail City.
- link women with the Team-Based Care (TBC) at Primary Health Care (PHC) centers.

Design a care pathway

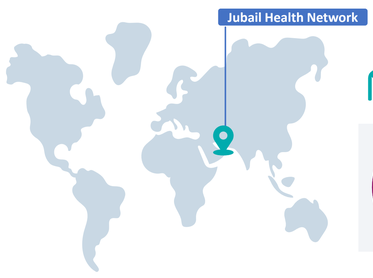
- The Eastern Health Cluster has Designed a comprehensive pathway for beneficiaries, which Jubail Health Network (JHN) implements to align with its workflow. This pathway maps the journey of beneficiaries from community outreach through Primary Health Care (PHC) and onward to secondary and tertiary care, with a multidisciplinary team assigned to support each level of care.

Activate the Role of care Coordinators

- Implement the care coordinator's role at each level to enhance communication between healthcare providers and beneficiaries,
- Utilize updated digital health applications. Such as: podcasts, virtual clinics, to ensure seamless transition through the care pathway.

Implement a Monitoring Platform

- Develop a platform to collect data and optimize early detection efforts, enabling effective evaluation of the program's outcomes.



173,419

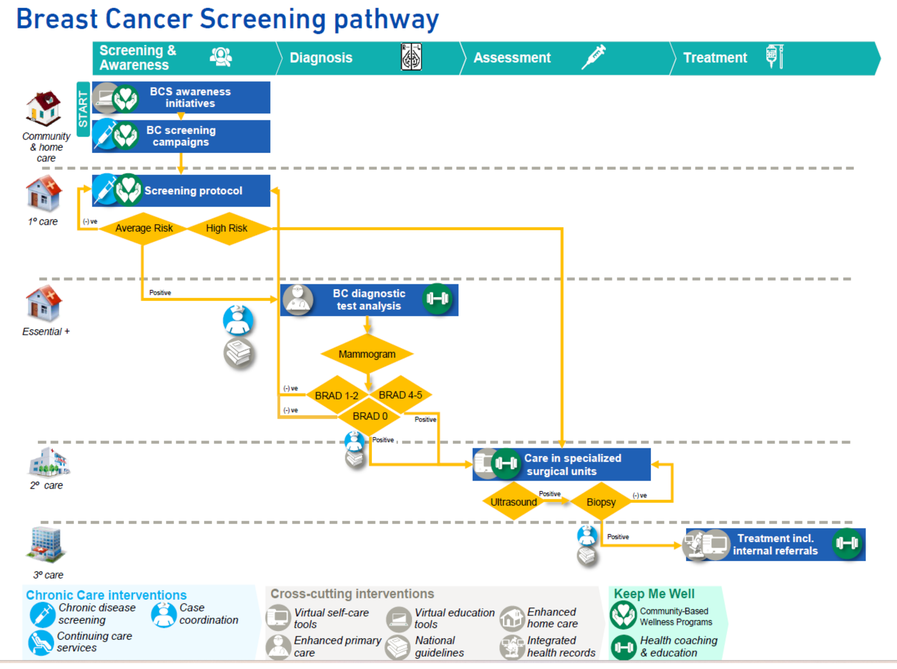
Jubail Population

8.2%

14,309

Eligible for screening

Breast Cancer Screening pathway



4 RESULTS AND CONCLUSION

Leadership

JHN received recognition from the IHF in 2023 for its excellence in breast cancer detection and treatment among healthcare workers.

48,518

Beneficiaries Of Digital campaigns

+ 30

Sponsorships

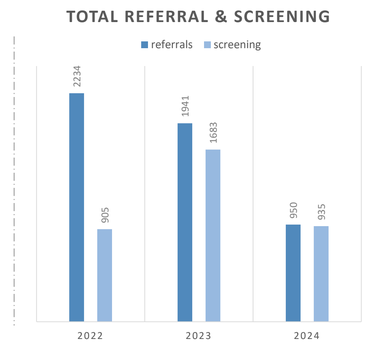
46,569

Beneficiaries of sit visits campaigns

outcome

2022	2023	2024
Suspected 3.9%	Suspected 0.8%	Suspected 0.6%

Early Detection Cases: 9 Cases



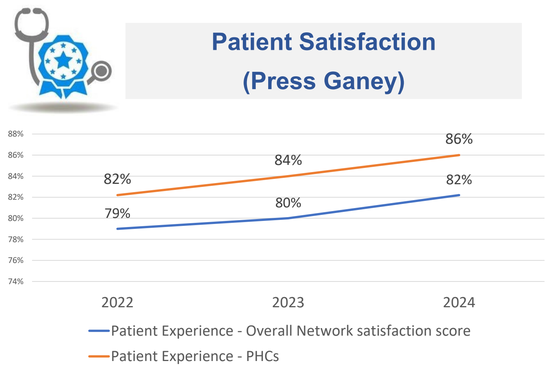
+ 8,648

Virtual Appointments

100 %

Received results within **2** days

Beneficiaries Experience



Staff Wellbeing

Staff Wellbeing

157

Total eligible female employees

100%

Educated

50%

Screened

Empowerment & Development

	Care coordenator	Community specialist
2022	2	0
2023	8	1
2024	10	2

5 ACKNOWLEDGMENT

- We extend our heartful thanks to all women of Jubail for their participation. Our deepest appreciation goes to the leaders, teams, volunteers, and partners whose invaluable support has made this program a success.

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