Enhancing cervical Cancer screening Pathway in a Health network -Saudi Arabia

Qatif health Network / Qatif Central Hospital

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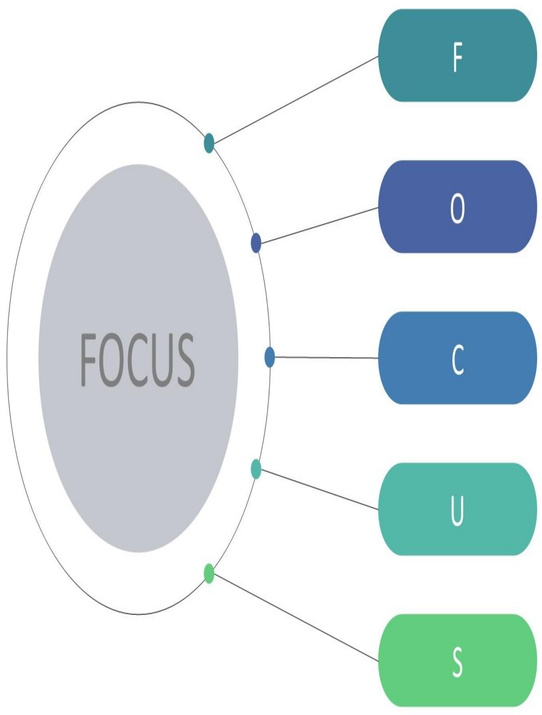
Aim:

To screen 2% of married female at Qatif area between the age of 21-65 years old yearly it's about 44 PAP smear /Month

Background / problem statement:

Cervical cancer is a global public health problem, with a particularly high burden in many low-income and middle-income countries (LMICs). The proven effectiveness of intervention measures, such as vaccination against the most oncogenic human papilloma virus (HPV) types(1) and screening , makes cervical cancer a largely preventable disease. (2) Among women globally, Cervical cancer is the fourth most common neoplasm and the fourth leading cause of cancer death (3) The literature demonstrated that, unlike global trends, cervical cancer incidence in Saudi Arabia is increasing. In addition to that, a high proportion of it is discovered in advanced stages. This state of late discovery was attributed to the absence of efficient preventive and screening programs.(4) The incidence of cervical cancer in 2020 was 358 (the crude incidence per 100,000 women was 2.4 and the mortality incidence ratio was 0.5) (5-6) By 2030, the yearly incidence of cervical cancer is expected to jump to 700,000, and the number of deaths is predicted to increase to 400,000 if no further intervention is done (7)

Method:



The team was idintify the area for improvments

Team had been organized by the team leader

Flowchart for the current process was discuses with the team

Brainstorming meeting was conducting with the team by using Fish bone

The changing idia and suggected action has been selected

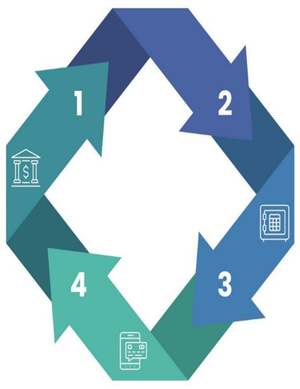
Ideas to improve a Enhancing Cervical Cancer Screening

Education &Training

- Provide regular training and professional developments for clinical staff

Patients awareness

- Conduct regular education section to the patients at primary health care .
- Conduct awareness day for community
- Spread awareness through community outreach and partnerships with local groups



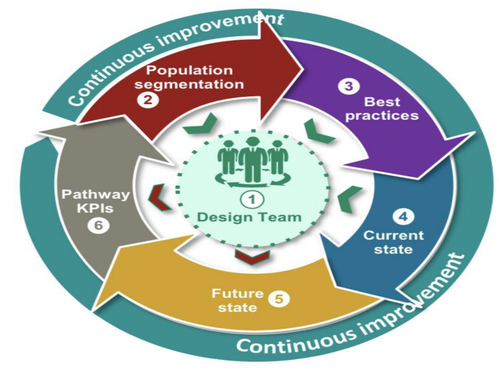
Create Pathway

- Enhance communication channels between the team.
- Enhance communication channels between patients and clinical staff

Create guideline

- Standardized the policy and guideline to guide the work at the clinic

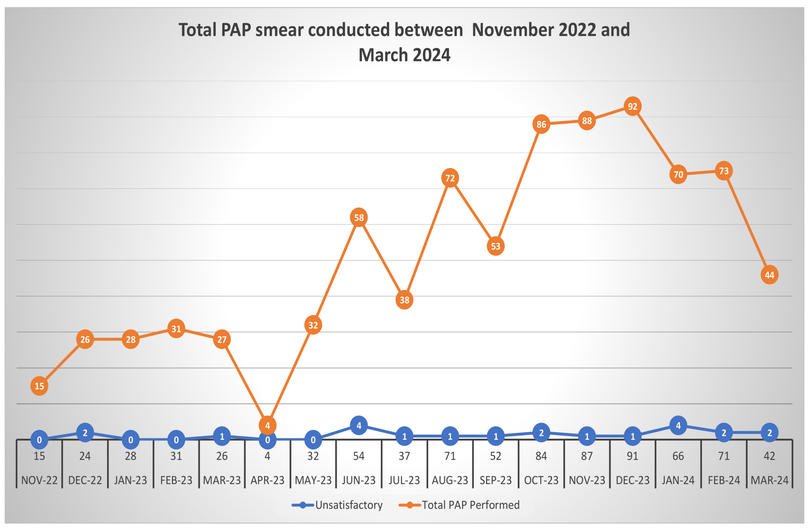
	KPI description	Measurement instruction
Progress	% of sexually active females performed pap smear	**Numerator** : no. of patients screened in the PHCs in each zone **Denominator**: all Sexually active patients registered in HIS within a specified time period
Patient outcomes	% of patients with positive cervical cancer results	**Numerator**: No. of patients with positive cancer results **Denominator**: Total no. of screened patients

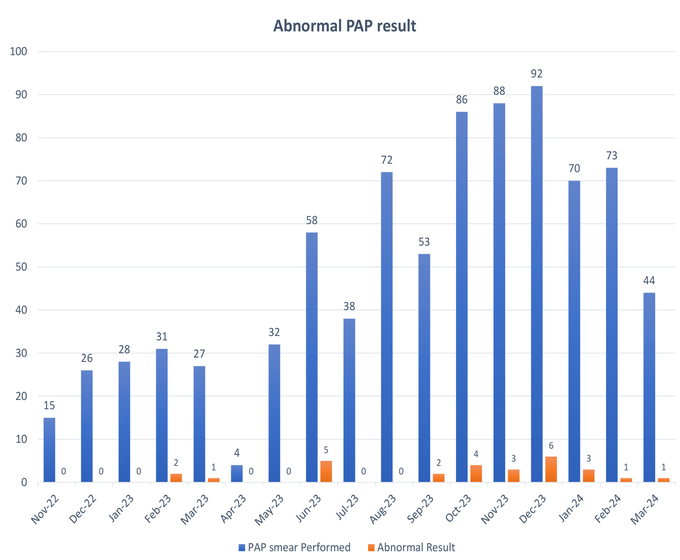


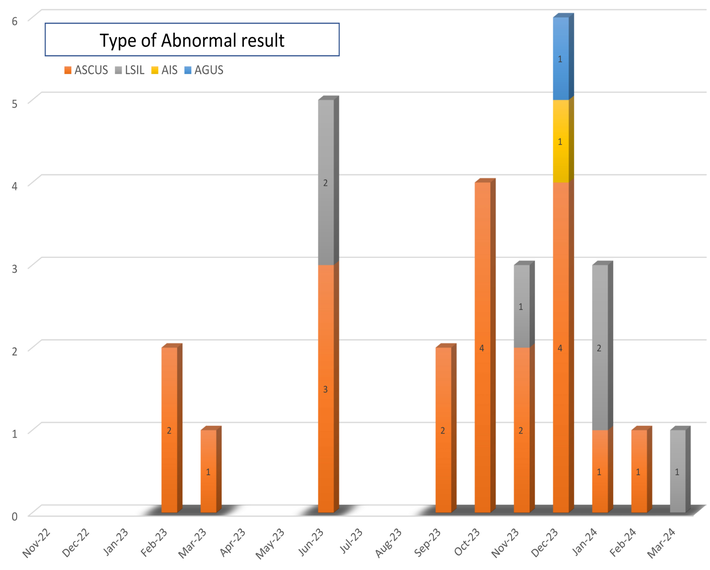
The project adopted a continuous approach, with the newly instituted cervical screening program using PAP smear tests for asymptomatic women at PHCs, administered by family physicians. A 6-dimension framework was used to streamline the screening pathway,

Results:

The streamlined cervical cancer screening pathway was successfully implemented, ensuring more accessible and comfortable screenings for women. The national guidelines for cervical cancer diagnosis and management were also successfully adhered to, ensuring implemented evidence-based practices. From November 2022 to March 2024, 767 females were screened, resulting in an average screening rate of 50 women per month. This effort led to the discovery of certain cases of ASCUS (Atypical Squamous Cells of Undetermined Significance) ,LSIL (Low-grade Squamous Intraepithelial Lesions),AGUS (Atypical Glandular cell of undetermined Significance) and AIS (Cervical Adenocarcinoma in Situ requiring further examination. The identified cases were referred to OB-GYN specialists and Gyn oncology unit at tertiary hospital for further assessment







Lessons Learned/ Sustainability Plan:

- When found early and managed effectively, cervical cancer is **preventable, treatable**, curable, and associated with long-term quality of life
- National Screening program should be initiated and implemented in all over the kingdom ,screening it self combined with vaccination prevent cancer by 100%
- Continuous training and education of the health care provider at Primary health care setting
- **Engagement** and motivation of the consumer to participate in their own care, leading to better health outcomes and lower costs for healthcare organizations.
- Activate the awareness international month of the cervical cancer concomitant with QR registration code facilitating the consumer engagement

Sustainability Plan

Standardized The Process

- By ensuring the compliance the MOH pathway and recommendation



Monitoring

- By closed monitoring for the KPI

Education & training