



Health System Strengthening: Cervical Cancer free Bangladesh - A longitudinal Study

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INTRODUCTION

Cervical Cancer is the second most common cancer in Bangladesh among women. It is estimated that every year about **11,956** new cases are detected and **6,582** women die from this disease in the country.

But Cervical Cancer is preventable and treatable. GOB of Bangladesh establish a National Strategy for cervical Cancer prevention and control (**2017-2022**) with aim of strengthening by introducing cancer screening, vaccination program for adolescent girls against the Human Papillomavirus (HPV) and treatment through public delivery system.

To initiate National Strategy a notice has been issued by DGHS for establishment and activation of VIA and Colposcopy outdoor department for screening and prevention of cervical Cancer in all medical college hospitals and in all UHCs, Sadar hospitals all over the country.

METHODS AND MATERIALS

This is a longitudinal study conducted in Gazipur district in between January 2020 to December 2020. The study population was **14,060** women aged 30-60 years or women who have been married for at least 10 years. Nurses and midwives working in the Gazipur district (UHC, DH) are trained on cervical cancer screening using Visual Inspection by Acetic Acid (VIA). Colposcopy done to all VIA positive women to confirm Cervical Cancer precancerous lesion. Colposcopy positive patients referred for further treatment and management.

RESULTS

A total of **14,060** women were screened during the study period and found positive **330** In the Gazipur District. VIA positivity rate is **1.4%** in that District. **107** found colposcopy positive out of **330**.

Table 1. Total study results.

Category	Qty.
Total Screening	14060
Total VIA Positive	330
Colposcopy Positive	107
Thermocoagulation	26
Hysterectomy	6
Under private hospital treatment	4
Total Camp	16

CONCLUSIONS

In conclusion, the prevalence rate of Cervical Cancer in the Gazipur district is **1.31** per **1,000** eligible women (30-60) years. This review provides useful information to prevention, screening and further treatment management of Cervical cancer & precancerous lesion.

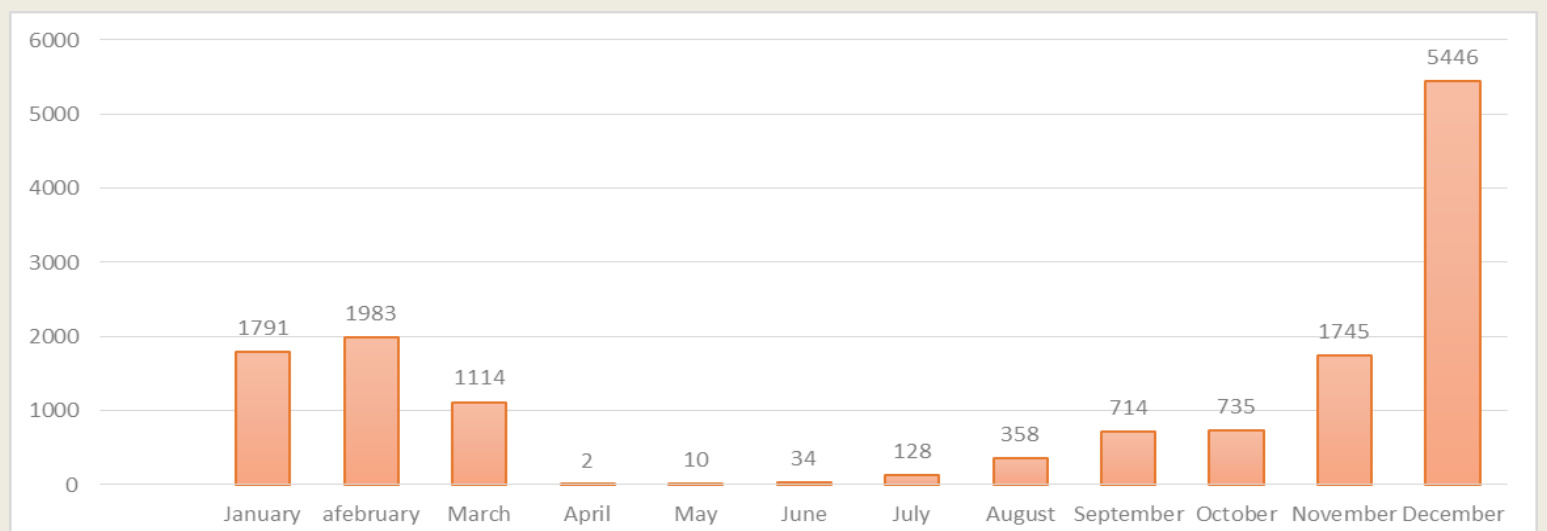


Chart 1. Screening performance in Gazipur in 2020

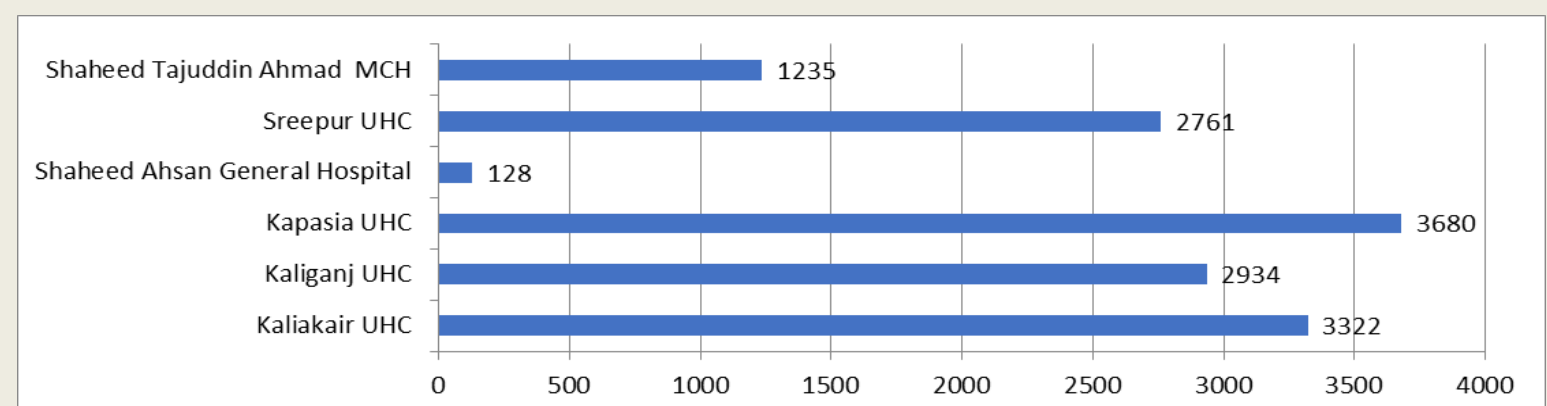


Chart 2. Total Screening in Facilities 2020



Figure 1. Women in facility in Queue for VIA Screening



Figure 2. Women after VIA screening