



COALITION to STRENGTHEN
the HPV IMMUNIZATION
COMMUNITY



HPV Prevention
and Control Board



THE INCLEN TRUST INTERNATIONAL

Jhpiego cervical cancer screening program experiences in LMICs

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South Asia Regional Meeting

HPV Prevention and Control Landscape and the way forward.

13th , 14th and 15th - Dec 2022– New Delhi, India.

WHO 2020-2030 Acceleration plan towards elimination

Vision: A world without cervical cancer

Goal: below 4 cases of cervical cancer per 100,000 woman-years

2030
TARGETS

90%

of girls fully vaccinated
with HPV vaccine by 15
years of age

70%

of women screened with
a high-performance test
(HPV) at 35 and 45

90%

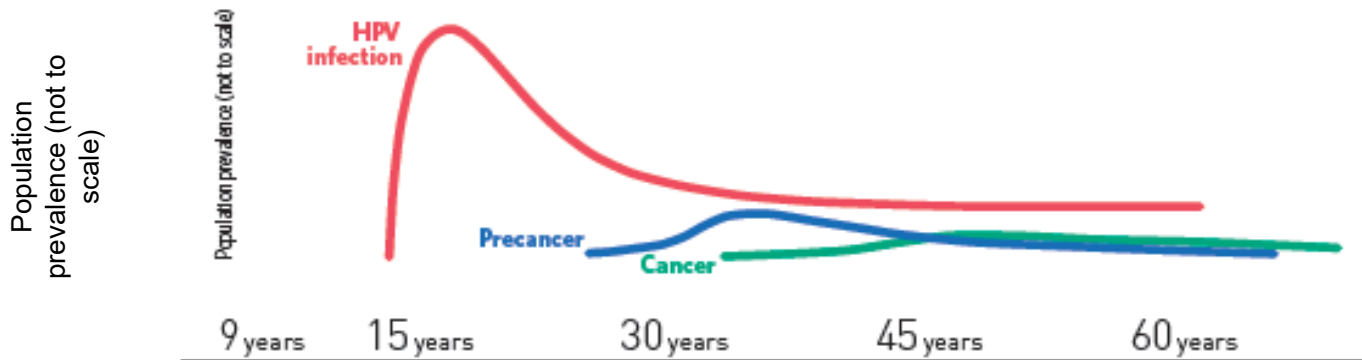
of women screened positive
receive treatment for
precancerous lesion or
invasive cancer

30% reduction in mortality from cervical cancer

SDG 2030 Target 3.4: 30% reduction in mortality from NCDs

Overview of Programmatic Interventions Over the Life Course to Prevent HPV Infection and Cervical Cancer

FIGURE 1: OVERVIEW OF PROGRAMMATIC INTERVENTIONS OVER THE LIFE COURSE TO PREVENT HPV INFECTION AND CERVICAL CANCER



PRIMARY PREVENTION

- HPV VACCINATION (priority for **Girls 9–14 years**)
- Health Education and CxCa prevention Awareness
- Male circumcision

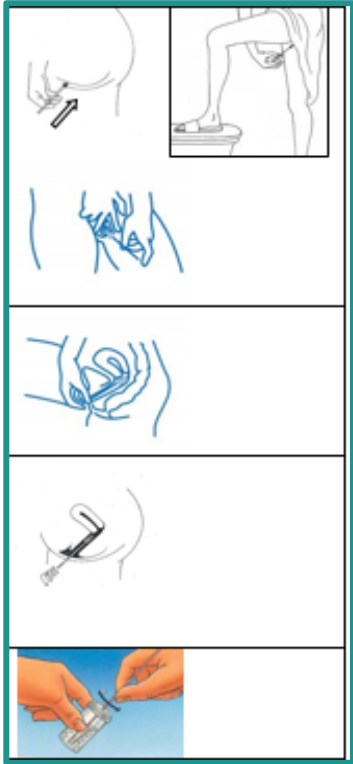
SECONDARY PREVENTION

- SCREENING AND PRE-CANCER TREATMENT (Priority for **Women 30-49 years**)

TERTIARY PREVENTION

- CANCER DIAGNOSIS, TREATMENT, PALLIATIVE CARE (All women as needed)

Why HPV Testing over other Screening Methods?



Self-collection of vaginal sample for HPV testing

- **Quality:** Test is accurate and reproducible (High sensitivity)
- Potential for **improved coverage via self-collection**
 - **Collection:** Provider vs Self-collection
 - 93% agreement between self- and provider-collected samples (Xpert HPV)
- **Improved efficiency of service:** Fewer women need to undergo speculum examination
- **Cost-effectiveness!**



Teste HPV - Lab CDI

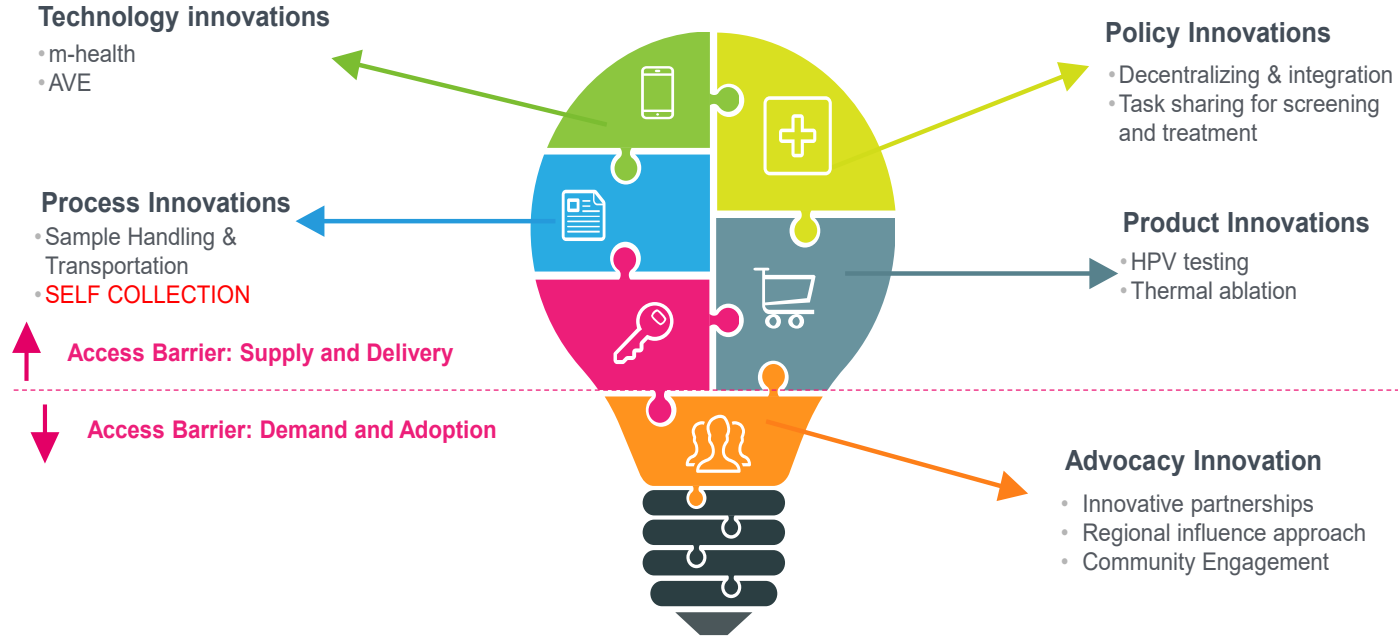


Countries that have had/implemented supported Women's Cancer Programming

Countries/ Intervention (Primary Prevention)	Breast CBE/PH C/AI	Policy Work Market Shaping	Thermal Ablation (TA) and LLETZ	HPV testing (Self/Provider collection)	UNITAID/SUCCE SS (HPV Testing + TA + LLETZ)	HPV Vaccine introduction and integration	HPV Vaccine policy and evidence support
Botswana	x	x	x	study / x		x	X
Namibia	X	x	x	planning			x
Zambia			x	x		X	x
Tanzania	X	x	x			X	X
Rwanda			x	x		x	X
Burkina Faso		x	x	x	x	x	
Cote D'Ivoire		x	x	x	x	X	
Philippines		x	x	x	x		X
Liberia						X	
Myanmar		x					
Mozambique	x	x	x	x		x	
Guatemala		x	x	x	x		x
Ghana	x	x	x	x			
Ethiopia	NPD	NPD				X	X
India	x	x					x
Pakistan		x				x	X
Kenya		x					x
Nigeria		x					
Indonesia	X	x					

Jhpiego / SUCCESS (Scale up Cervical Cancer Elimination With Secondary Prevention Strategy)

Major Areas of Innovation on CxCa Prevention



TARGET	Burkina Faso	Côte d'Ivoire	Guatemala	Philippines
# HPV test (175,000)	40,000	45,000	40,000	40,000
% of WLHIV	26,000 (65%)	38,500 (70%)	4,200 (10.5%)	6,900 (13.8%)

Learnings from introduction of HPV tests

- Understand which HPV test is best suited for the country
- Facilitate arrangements with manufacturers and distributors for uninterrupted supply
- Invest in optimizing/supplement existing lab systems
- Set up sample transport systems
- Set up PATIENT NAVIGATION SYSTEMS (not same day screen and treat)
- Integrate services in existing womens health SD points
- Encourage self collection
- Invest in measurement

Bring service close to the women: Community Screening with HPV Testing in Philippines, Feb 2022



Screening must be linked to Treatment!

Ablative Treatment

Cryotherapy

Freezing process that destroys cervical precancerous tissue



Thermal Ablation

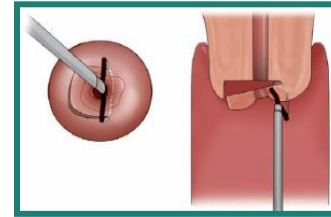
Heating process that destroys cervical precancerous tissue



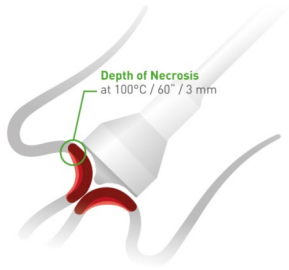
Excisional Treatment

LEEP

(electrosurgical excision procedure)



Highlights on Thermal Ablation



- Ablative treatment
- Highly effective to treat eligible precancer lesion
- Portable (battery can last for 20-30-100 treatments)
- Task shifting: trained MD, nurses, midwives
- Important to ensure infection prevention practices and device maintenance



Training in Namibia, Sept 2019



Burkina Faso, Oct 2021

Wisap, Liger, MedGyn devices

Lessons Learned

- Thermal ablation is easy to learn and to perform
- Portable and Reliable
- Can readily be incorporated into screen-and-treat programs, including SVA
- Highly acceptable to clients and providers
 - Clients report little discomfort
 - Less complaints of vaginal discharge following treatment

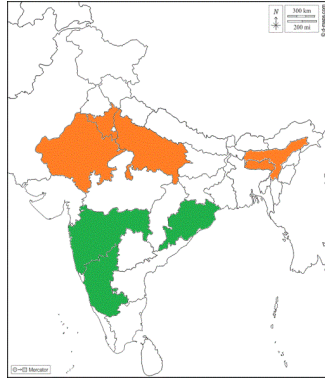
Quotes from healthcare providers in Mozambique (operational study conducted in 2021)

“Excellent equipment - easier to use than cryotherapy”

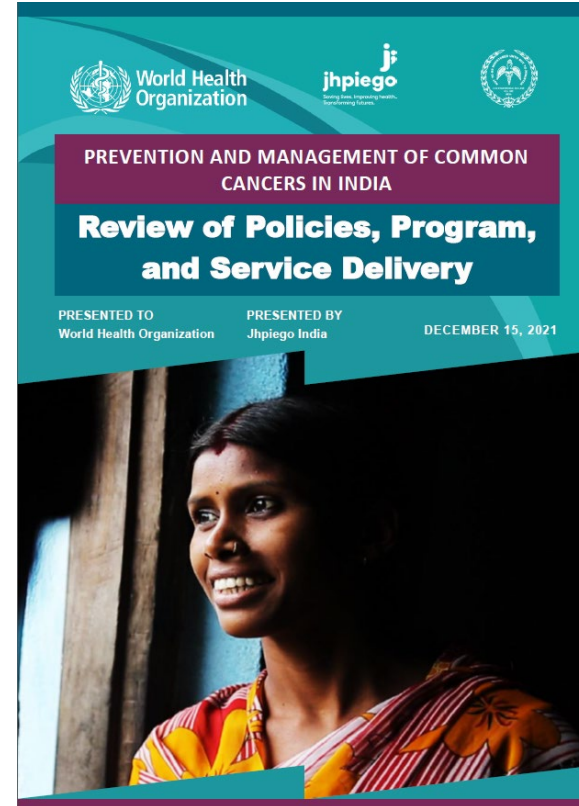
“I wish the government can expand the use of this treatment device across the country ”

“It takes a minute to treat a woman! Best device for use in mobile clinics”

Landscaping review: Policy, Programs and Service Delivery with specific focus on Cervical Cancer in India



Stakeholders meeting in **Rajasthan**



Current projects with specific focus on Cervical Cancer in India

Demonstrating newer technologies for front line health workers

AI powered Smart Scope: Bringing objectivity to VIA

Screen Triage and Treat

Odisha, UP and MP

Demonstrating HPV DNA testing for screening

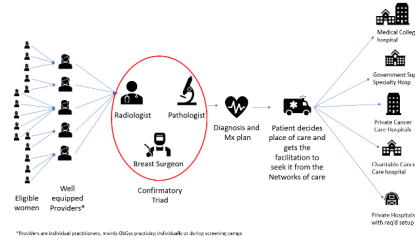
Self Sample collection for HPV DNA testing

TrueNAAT platform : leveraging COVID-19 investments

Possibilities of centralized testing with high performance platforms

UP, Odisha and Sikkim

Our approach: Catalytic technical assistance



Awareness generation



Screening



Diagnostics



Management

Simplifying complexities through Job aids, LRP

Knowledge to skills to practice, through hands on and/or hybrid trainings

Streamlining workflows

Collaborations and partnerships

Recording and reporting



Thank
You