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**Maternal and Child
Survival Program**

Advancing CECAP Program In Tanzania: Reflections on PEPFAR/Donors and IPs Contribution



Mary Rose Giattas

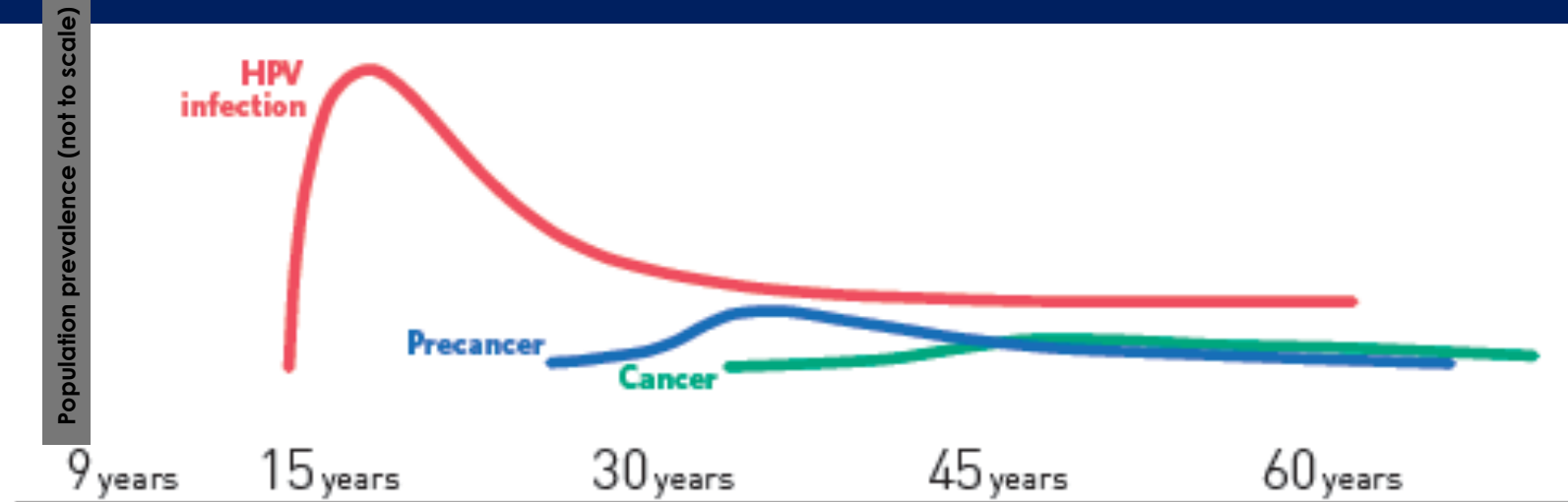
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20 February, 2020



- Background
- Implementation and results
- Challenges & Next steps

Figure 1: Overview of programmatic interventions over the life course to prevent HPV infection and cervical cancer



PRIMARY PREVENTION

Girls 9-13 years

- HPV vaccination

Girls and boys, as appropriate

- Health information and warnings about tobacco use*
- Sexuality education tailored to age and culture
- Condom promotion/provision for those engaged in sexual activity
- Male circumcision

SECONDARY PREVENTION

Women > 30 years of age

Screening and treatment as needed

- "Screen and treat" with low cost technology VIA followed by cryotherapy
- HPV testing for high risk HPV types (e.g. types 16, 18, and others)

TERTIARY PREVENTION

All women as needed

Treatment of invasive cancer at any age

- Ablative surgery
- Radiotherapy
- Chemotherapy

Tanzania: CECAP and Control National Program Under RCHS/2008

Focus: Reproductive Health Cancers –Breast, Cervix and Prostate



- 27 Regions
- 133 Districts
- 947,000 Square kilometres
- Population projection 2020: >55m
- Majority >71% reside in rural areas
- Health facilities: 8215 (6,882 Public)
- HIV prevalence: 5.3%
- Life expectancy 63 women and 60 men

Goal: To reduce cervical cancer incidence, morbidity and mortality

Vision : Women free from the burden of cervical cancer in Tanzania

Incidence Rate (IR) and Mortality Rate (MR) Per 100,000 Women (Globocan 2018)

Tanzania: 59.1 **vs.** 42.7



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graph TD; A[Tanzania: 59.1 vs. 42.7] --> B[Burundi: 57.4 vs. 50.3]; B --> C[Uganda: 54.8 vs. 40.5]; C --> D[Kenya: 33.8 vs. 22.8]; D --> E[Rwanda: 31.9 vs. 24.1];
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Burundi: 57.4 **vs.** 50.3

Uganda: 54.8 **vs.** 40.5

Kenya: 33.8 **vs.** 22.8

Rwanda: 31.9 **vs.** 24.1

Tanzania Response

SDG 3

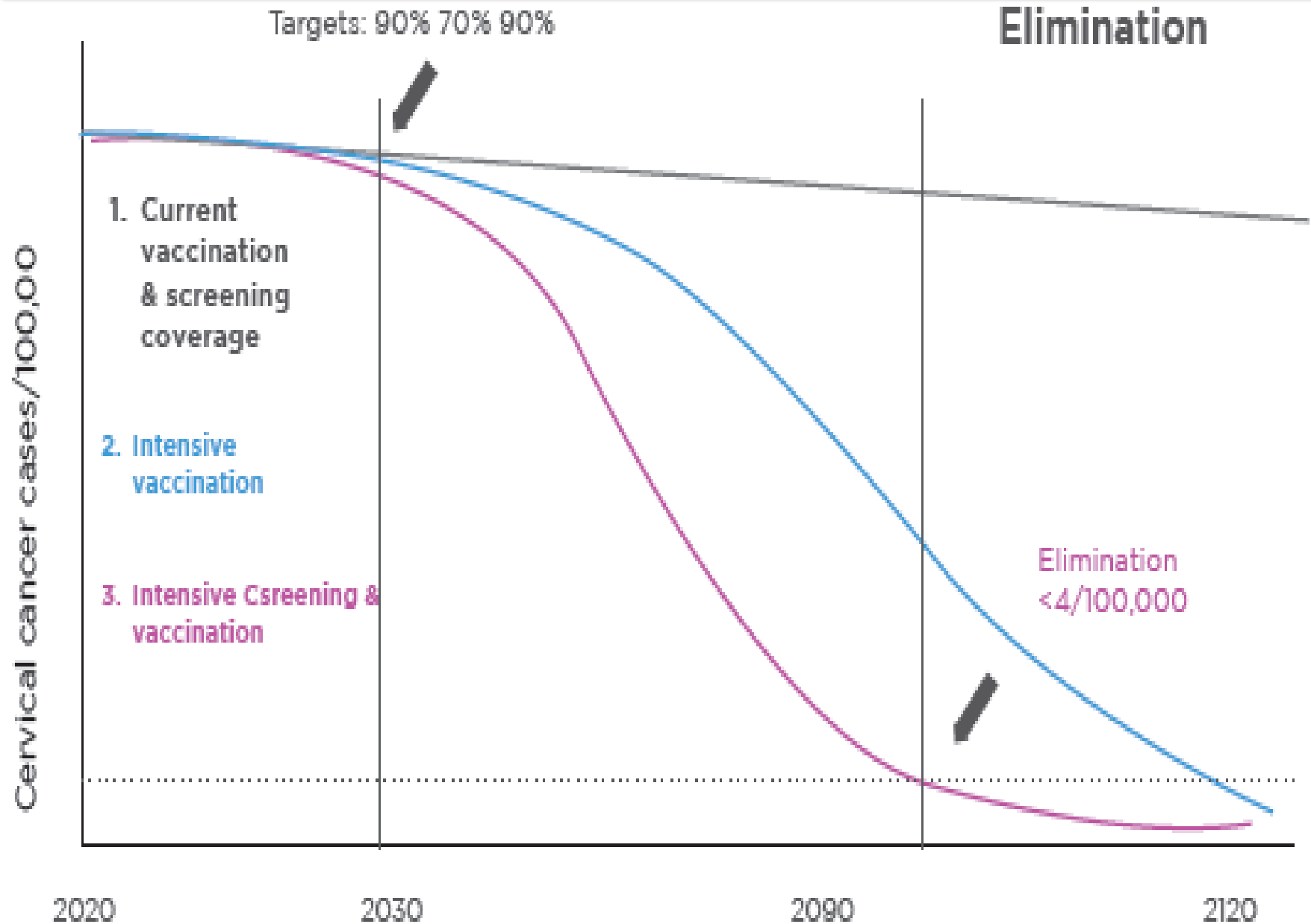
- **Ensure healthy life and promote well being for all at all ages**

SDG 17

- **Strengthen implementation and Partnerships for sustainable development**

Jhpiego has worked with the MOHCDGEC to establish and strengthen CECAP Work since 2008 under USAID/PEPFAR Support

TZ-Joining Global Agenda: National Strategic and Operational Plans



Three Pillars

- **Primary Prevention**
 - Vaccination
 - Behavior Change
- **Secondary Prevention**
 - Screening & Treatment of Precancerous Lesions
- **Tertiary Services**
 - Care
 - Diagnosis and Treatment of Cervical Cancer
- **Foundation:**
 - M/E
 - System Strengthening
 - Education/Mobilization



UNITED REPUBLIC OF TANZANIA

MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT,
GENDER, ELDERLY AND CHILDREN

TANZANIA CERVICAL CANCER PREVENTION AND CONTROL

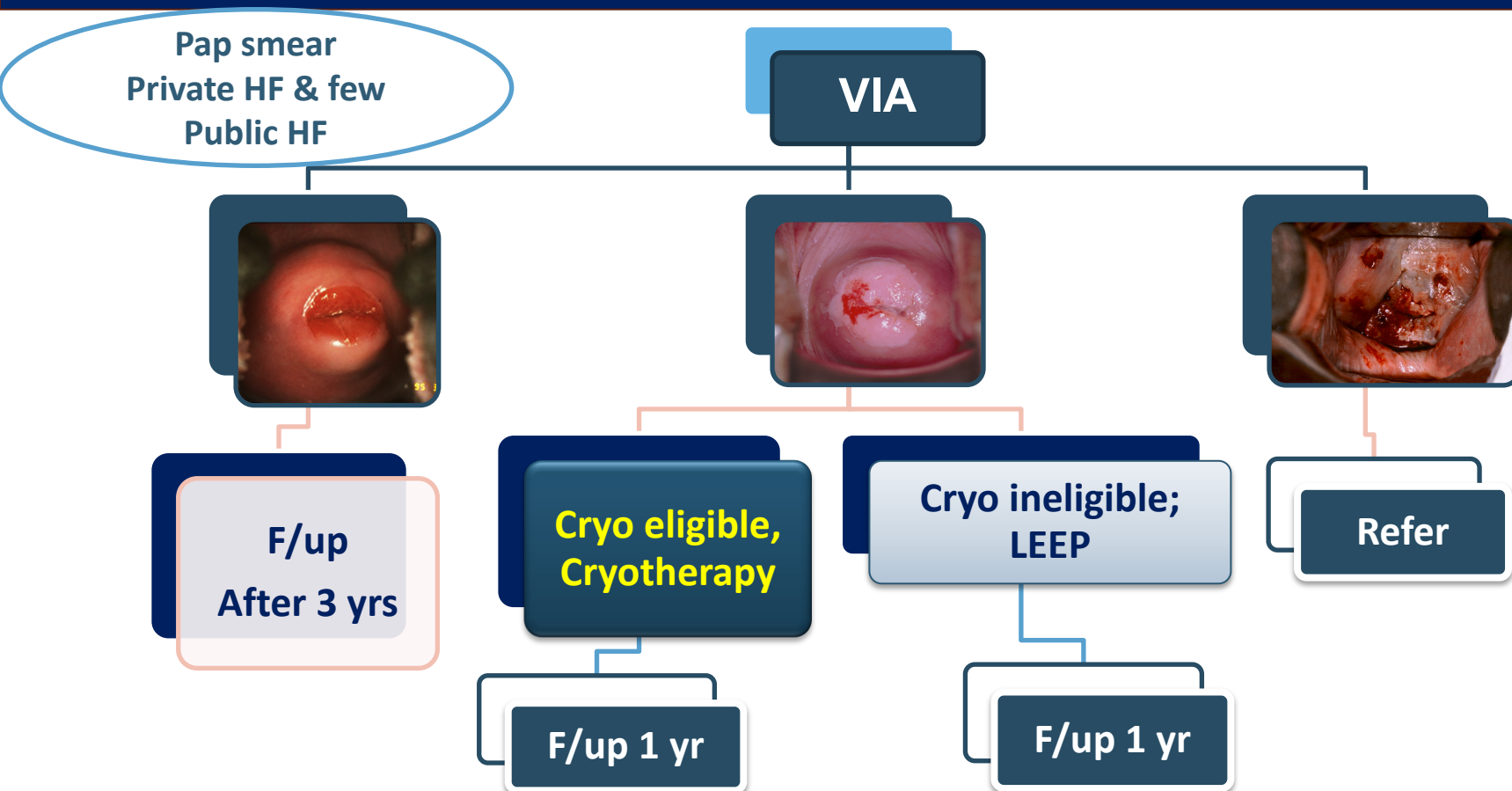
STRATEGIC PLAN

2019 - 2023

Screen and Treat Approach Service Delivery Model in Tanzania

Integrated into RH & HIV services: HIV clinic, FP, Post Natal, Gyn OPD

Package: Education, CC screening & treatment, BC Screening, PITC & linkage



- **Target group**: Women 30–50 years old
- **Primary level**: VIA & Cryotherapy + Clinical Breast examination
- **Referral sites**: Biopsy, LEEP, Mammogram, surgery, chemo & radio
- **Coverage**: Regional Hospitals, District Hospital and few Health Centre

Implementation Status in Tz

The role of Partnerships/Collaboration

Demo 2014: 93% coverage
35,214 girls vaccinated
HPV V National Program
April 2018- 30 Regions

> 624 CCS and 30 LEEP
>1.2 million
screened/2018
Trainers/mentors: 40
>3000 HCP trained
Tech Docs Developed

Comprehensive Cancer
Centre: ORCI + Bugando

> 30 Oncologist

*Chemo/Palliative care at
KCMC



Breast Cancer Guidelines
Early Detection &
treatment IEC materials
**CBE and referral
/Opportunistic

Prostate cancer guidelines/IEC
materials/Opportunistic

Expanded Partnerships
USAID,PRRR,CDC,WHO,Bill and
Melinda Gates Foundation,
GAVI,Global Fund/GFF, World
Bank,Susan.G.Komen,IAEA

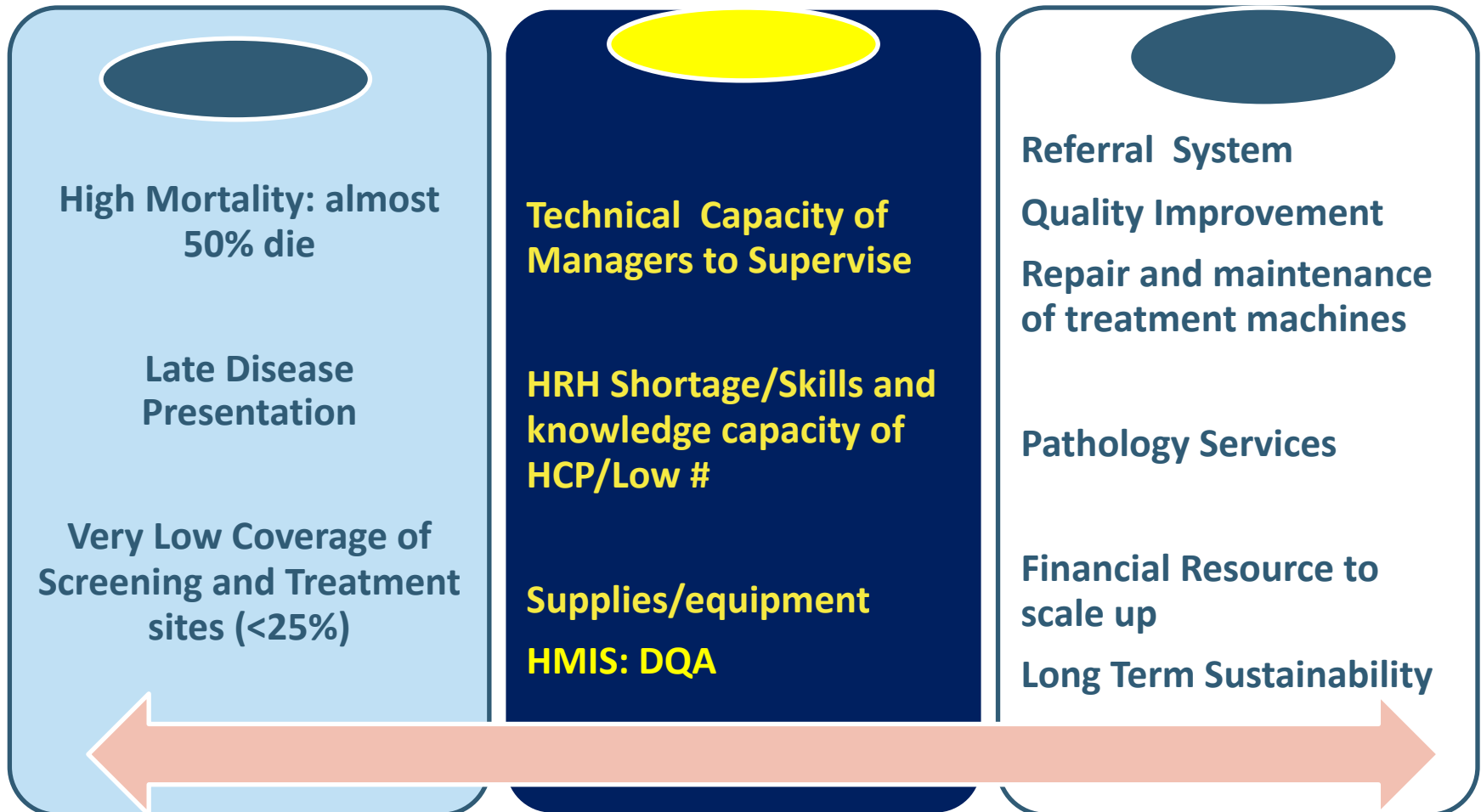
DPs/IPs

- Jhpiego
- Ground for Health
- ICAP
- THPS
- EGPAF
- Engenderhealth
- DOD
- UMATI
- PSI
- MST
- TUNAJALI
- DOD
- AGPAI
- IMA World
- CSSC
- ORCI,KCMC,Peramiho
Mission
- Community/Advocacy;
MEWATA,Tmarc,TAYOA,HIV
Network Group

HPV1&2 NATIONAL AND REGIONAL COVERAGE(January-September 2019)									
	Region	HPV - 1			Region	HPV - 2		HPV-1 Regional coverages(Jan-September 2019)	
1	Pwani	129%		1	Iringa	97%		National Coverage	85% 
2	Iringa	120%		2	Kilimanjaro	81%		Percentage	No. of regions
3	Kilimanjaro	110%		3	Rukwa	66%		≥90%	11
4	Mara	109%		4	Lindi	59%		≥80%-<90%	5
5	Tabora	103%		5	Pwani	58%		≥50% - <80%	10
6	Katavi	99%		6	Katavi	54%		<50%	0
7	Rukwa	98%		7	Tanga	52%		Total# of regions	26
8	Lindi	95%		8	Mbeya	50%			
9	Ruvuma	94%		9	Ruvuma	50%			
0	Dodoma	92%		0	Arusha	50%		HPV-2 Regional Coverages Jan-September 2019	
11	Mtwara	91%		11	Dodoma	49%		National Coverage	44% 
12	Mwanza	89%		12	Mara	47%		Percentage	No of Regions
13	Arusha	88%		13	Mwanza	46%		≥90%	1
14	Njombe	87%		14	Singida	44%		≥80%-<90%	1
15	Mbeya	85%		15	Kigoma	43%		≥50% - <80%	8
16	Singida	82%		16	Tabora	42%		<50%	16
17	Dar es Salaam	79%		17	Njombe	42%		Total# of regions	26

S/N	Indicator	Baseline	Target
1.	HPV Vaccine coverage rate: percentage of girls aged 9-14 years who have received all the doses of the HPV vaccine	40%	80%
2.	Screening coverage rate;		
	a) Percentage of women aged 30-50 years who have been screened with VIA for the first time	11%	60%
	b) Percentage of all women who have been screened regardless of the method (VIA, HPV DNA, Pap) for the first time	76.8%	90%
3.	Treatment rate for VIA positive women:		
	a) Percentage of VIA positive women receiving Cryotherapy/thermocoagulation treatment on the same day	58.7%	80%
	b) Percentage of VIA positive women receiving treatment regardless of the method (Cryotherapy, Thermocoagulation, LEEP)	51.6%	90%
4.	Treatment rate of cancer		
	a) Percentage of cervical cancer patients managed	25%	50%
	b) Percentage of women receiving palliative care advanced cervical cancer	10%	20%

Key Challenges in Tanzania



Existing Opportunities: Strengthening CECAP Services

- Over the past 16 years, PEPFAR has achieved remarkable lifesaving results in Tanzania through
 - Improving access on ART,VMMC
 - Building Foundation and Expanding CECAP services
 - Strengthening systems that drive effective, efficient, and sustainable health care for HIV population and for women to reduce cervical cancer mortality
- COP 20/PEPFAR/ Global Fund
 - CECAP Piece Included
 - Discussion under way for allocation of resource through existing agencies (Status: Community & SS/QI)

Country Priorities

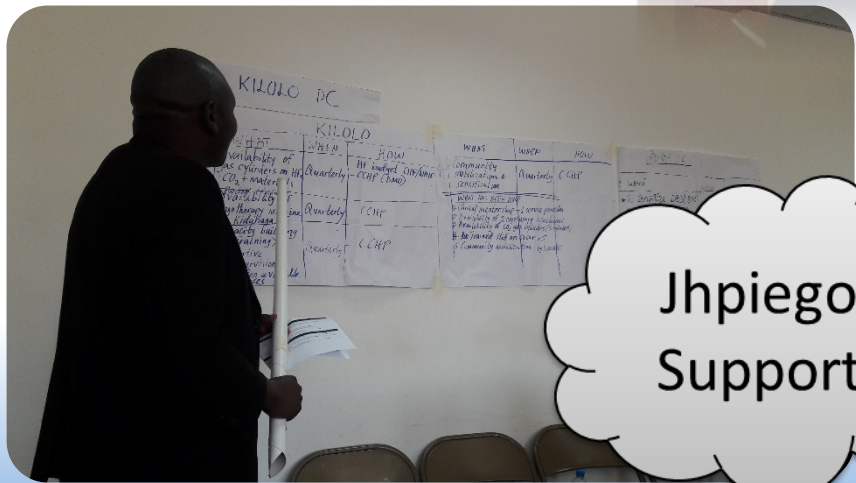
- Expansion/Scaling Up
- Strengthening existing sites
- Procurement of cervical cancer screening and treatment equipment's/supplies (Thermocagulation)
- Capacity Building: Trainers/ of HCPs
- Increasing public awareness on cervical cancer prevention and control
- Introduce HPV DNA-testing: RRHs
- QI: support SS/Clinical mentorship

Country Priorities

- Strengthening the referral systems:
 - Tracking and feedback mechanism system for suspect cancer cases and large lesions
 - Pathology services
- Strengthening repair and maintenance system
 - Cryotherapy and LEEP machines
- Strengthening the M/E system (DQA and use)
- Reinforce sustainability component



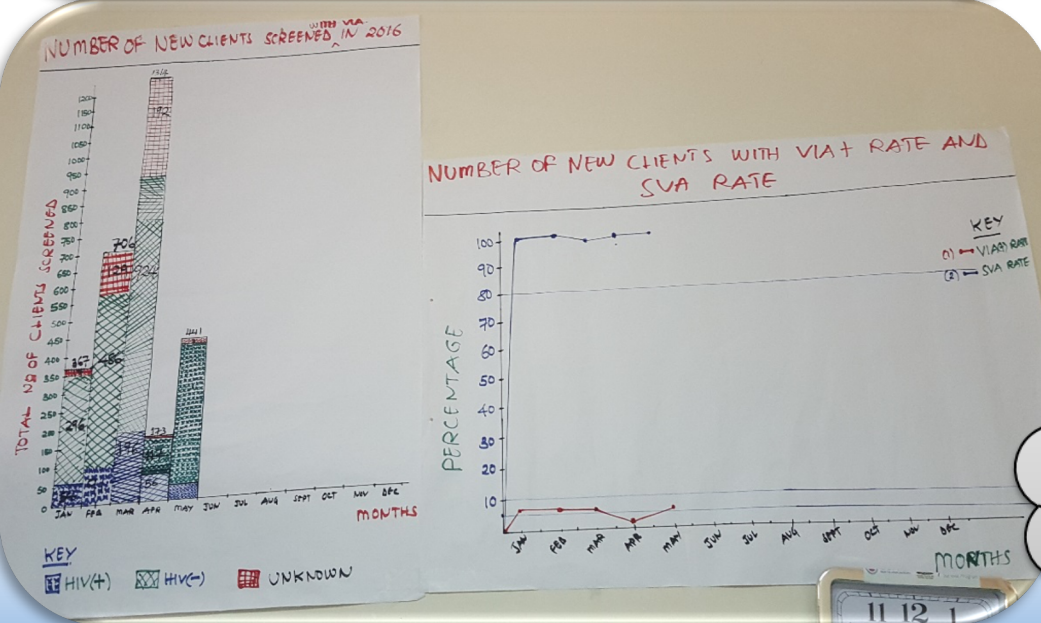
Jhpiego
Support



Jhpiego Support



M/E strengthening and promoting data use for decision making



Matokeo kwa Ufupi

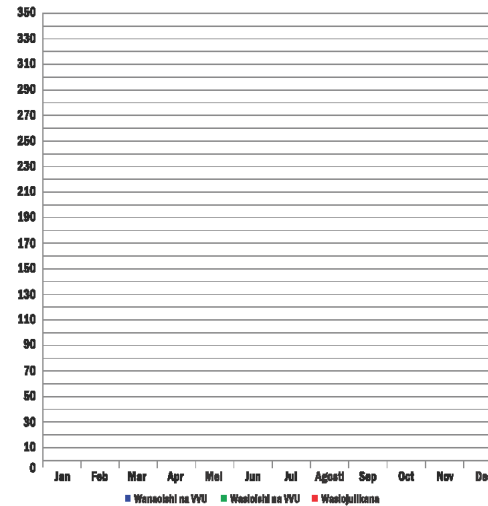
Nchi: Tanzania

Kituo: _____

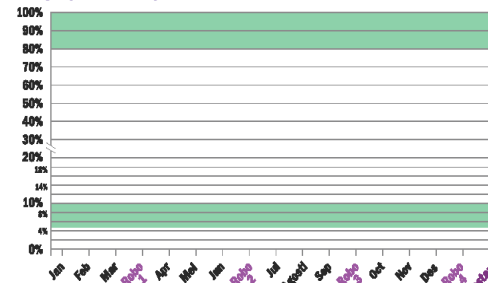
Mwaka: _____

Programu ya Kinga na Tiba ya Kansa ya Mlango wa Kizazi

Idadi ya wateja wapya waliofanyiwa Uchunguzi wa Kansa ya Mlango wa Kizazi

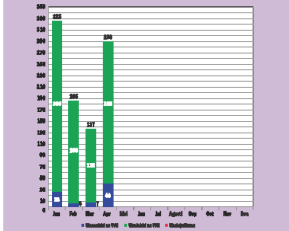


Kiwango cha mabadiliko ya awali (VIA+ Rate) na Kiwango cha Uchunguzi na tiba kwenye hudhuria moja (SVA Rate)

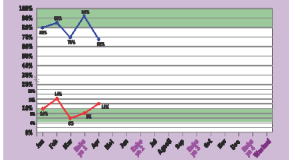


Takwimu za Mfano

Idadi ya wateja wapya waliofanyiwa Uchunguzi wa Kansa ya Mlango wa Kizazi (Fomu ya majumuisha ya takwimu za mwezi: Kiachiria #1)



Kiwango cha mabadiliko ya awali (VIA+ Rate) na Kiwango cha Uchunguzi na tiba kwenye hudhuria la kwanza (SVA Rate)



Mikoko wa VIA+ Rate na SVA Rate:

Kiwango cha mabadiliko ya awali ya kansa ya mlango wa kizazi (VIA+ Rate)

Jumla ya idadi ya wanawake wenye mabadiliko ya awali (Kiachiria#2)

Jumla ya idadi ya wanawake waliounguliwa na mabadiliko ya awali ya kansa ya mlango wa kizazi (Kiachiria#1)

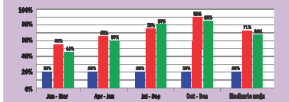
Mfano: 4 (Wanawake wenye mabadiliko ya awali ya kansa ya mlango wa kizazi) / 40 (Jumla ya idadi ya wanawake waliounguliwa na mabadiliko ya awali ya kansa ya mlango wa kizazi) x 100 = 10%

Kiwango cha uchunguzi na tiba ya kansa ya mlango wa kizazi kwenye hudhuria moja (SVA Rate)

Jumla ya wanawake waliounguliwa na mabadiliko ya awali ya kansa ya mlango wa kizazi na kutibiwa siku hiyo hiyo kwa kutumia tiba ya ugunduchi (Kiachiria#5)

Jumla ya idadi ya wanawake + idadi ya wanawake waliounguliwa na mabadiliko ya awali (VIA+) / (Jumla ya idadi ya wanawake waliounguliwa na mabadiliko ya awali (VIA+) + 0 (Idadi ya wanawake waliounguliwa na mabadiliko ya awali kutiwa (Large Lesion)) x 100 = 100%

Asilimia ya Mafanikio ya Viwango vya Utendaji



Supplies and Equipment donation

Jhpiego
Support



USAID/MAISHA

23 Cryo Machines
3 LEEP Machines
42 CO2 tanks
Consumables and non
consumables
Tech. Documents

USAID/MCSP

4 Cryo Machines
9 Carbon dioxide tanks
2 Cold coagulation machines
Zoe Models-53
Consumables/Equipment
Tech. Docs, Zoe
Models/Data Collection
Tools/IEC Materials

In Conclusion



- **Key success factors:**
 - MOH commitment, strong partnerships
 - Enabling environment (technical documents, tools, materials)
 - Training, quality improvement, referral and repair systems strengthening
 - Use of data to improve program performance
 - Promoting ownership, sustainability of program
- To have maximum impact, priority should be given to :
 - **Maximize coverage and strengthen quality of services** rather than maximizing the number of screening tests in a woman's lifetime.
 - Promote high quality organized and sustainable routine based screening services integrated in the existing system

Acknowledgement



- MOHCDGEC & PORALG at all Levels
- Donors
- Implementing Partners
- Women and Husbands/Partners
- Community Members

Your Attention is Well Appreciated-Thank You !!!



For more information, please visit
www.mcspprogram.org

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