The CQUIN Learning Network Annual Meeting

Epidemic Control: Successes, Challenges and the Promise of Differentiated Service Delivery Wafaa El-Sadr ICAP at Columbia University

February 13-15 Maputo, Mozambique



HIV LEARNING NETWORK The CQUIN Project for Differentiated Service Delivery



Outline of Presentation

- Epidemic Control
- The Successes
- The Challenges
- DSD to the Rescue
- The Promise of DSD
- Way forward

Epidemic Control

Decrease in HIV related mortality



Decrease in number of new infections





Number of People Living with HIV



Total: 36.7 million [30.8 million-42.9 million]

Scale-up of Access to ART (on track to 30 million by 2020)





Quality Gap



UNAIDS. Ending AIDS. Progress towards the 90-90-90 targets, 2017

Health System Gap





Sipho Mahlangu

DSD to the Rescue



"A client-centered approach that *simplifies and adapts* HIV services across the cascade to reflect the *preferences and expectations* of various groups of people living with HIV while *reducing unnecessary burdens* on the health system."

International AIDS Society



Adapted Kruk 2013

The Promise of DSD

- Stable patients
- PLHIV @at high risk for disease progression
- Men
- Older PLHIV
- Migrants/mobile populations
- TB/HIV patients
- HIV/NCD patients
- Key populations



Key Populations Important in All Regions



HIV Continuum for PLHIV who Inject and Do Not Inject Drugs in Central Asia



Kazakhstan, Kyrgyzstan and Tajikistan

MOH data from the national EHCMS, 2017

Challenge of M&E for DSD

Various models Engage (when eligible) and disengage (when not) Health facility & community



Patient satisfaction HCW burden & satisfaction Effectiveness Cost-effectiveness Public Health Approach



- Consistent package of care (undifferentiated)
- Uniform ART regimen
- Algorithmic approach
- Task shifting/ease of training
- Feasible to decentralize
- Consistent M&E approach

14

Epidemic Control

Decrease in HIV related mortality



Decrease in number of new infections





Reduction in Number of New HIV Infections



UNAIDS 2017 estimates. Global AIDS Monitoring 2017

Number of New HIV Infections Among Adults (15 years and Older)



Source: UNAIDS 2016 estimates.

DSD is a Means, not an End



El-Sadr, Harripersaud, Rabkin PLoS Med 2017

Conclusions

- Much has been accomplished in confronting HIV epidemic, but more needs to be done
- Scale-up of DSD is required for various populations who have unique needs and preferences
- Demonstrating effectiveness of various DSD models is critical
- DSD offers the potential to overcome treatment and prevention gaps in coverage and quality Success of DSD requires full engagement of PLHIV and civil society groups
- Ultimately, if done well and at scale, DSD offers a potential path towards epidemic control



Thank you Obrigada