



ELIZABETH GLASER
PEDIATRIC AIDS
FOUNDATION

Strengthening health systems to expand HIV treatment and advance country ownership

Francesca Celletti

Elizabeth Glaser Pediatric AIDS Foundation

The treatment target



tested



on treatment



virally suppressed

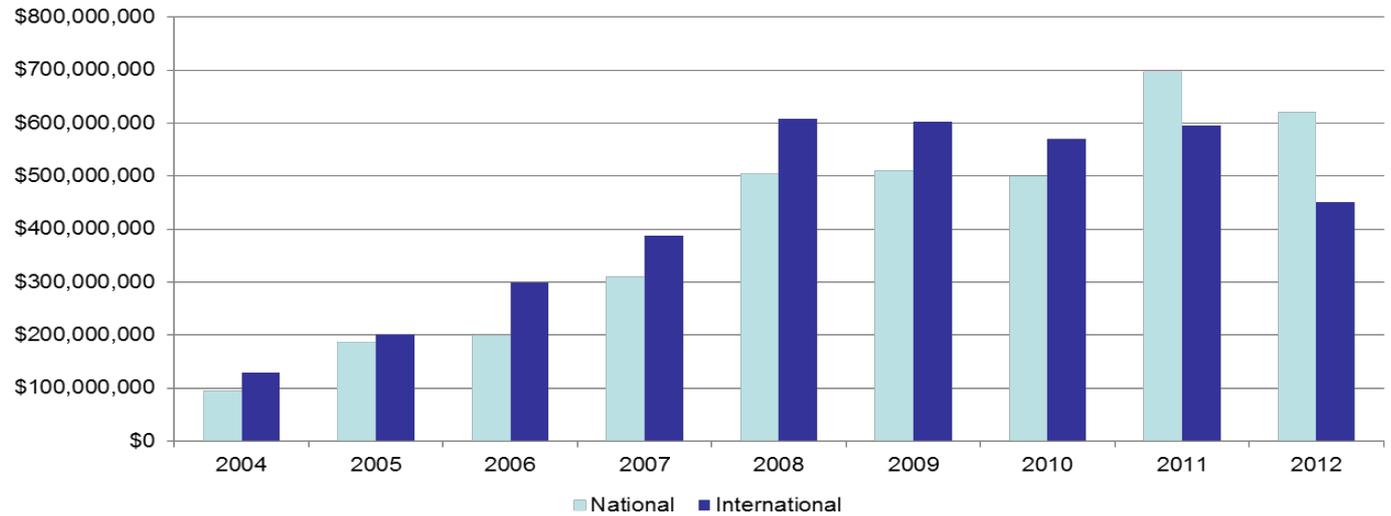
Defining Country Ownership

When a country leads, implements &, eventually, finances the national response to health & development.



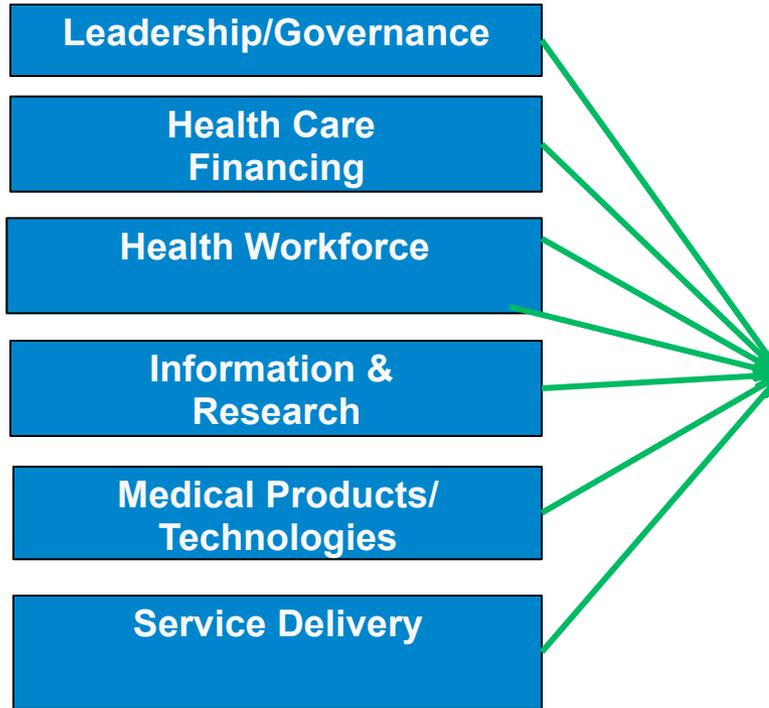
Global Momentum in Country Ownership

CDC Funding from 2004-2012



Strengthened Health Systems Are Critical to Advancing Country Ownership

WHO Building Blocks



UNAIDS Country Ownership Framework-2012

The challenges to expand access to HIV treatment

HIV/UA Assessment Report 2009

Financing
HRH
Commodities
Stigma/discrimination
Accountability

Global Fund Progress report 2012

Human Rights
Sustainability
HS equity/efficiency
Quality of care
Governance, HRH, SI,

...

Gap Report 2014

Stigma/discrimination
Criminalization
HRH
Service delivery
Financing

...

90 90 90 Discussion paper 2014

Societal challenges
Delivery challenges
Financing

How do many consider health systems?

An eminent economist

“a riddle, wrapped in a mystery,
inside an enigma”...quoting
Churchill

An eminent Health Systems expert

- Black hole
- Black box
- Shopping list



How WHO defines health systems?

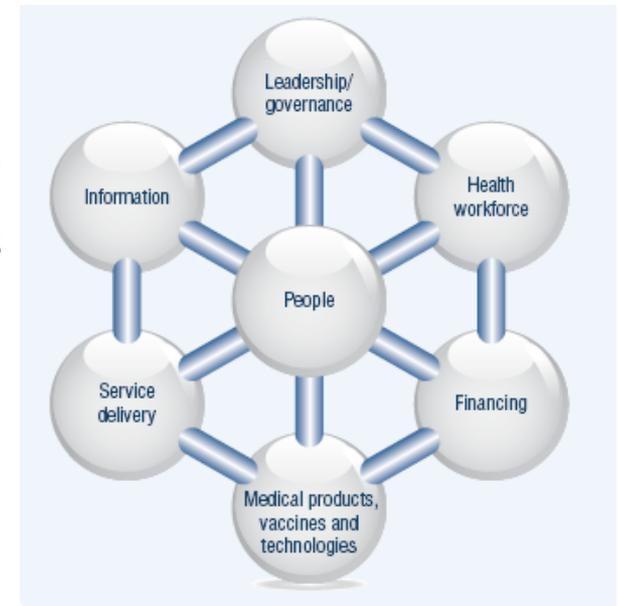
A health system consist of all organisations, people and actions whose primary intent is to promote, restore or maintain health

The main goals are:

- Improving health and health equity
- Responsiveness, financial fairness and efficiency

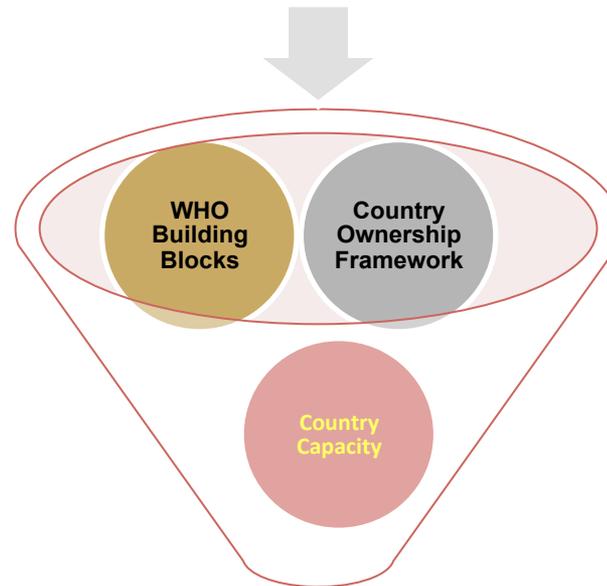
The intermediate goals are:

- Greater access and coverage
- Quality and safety



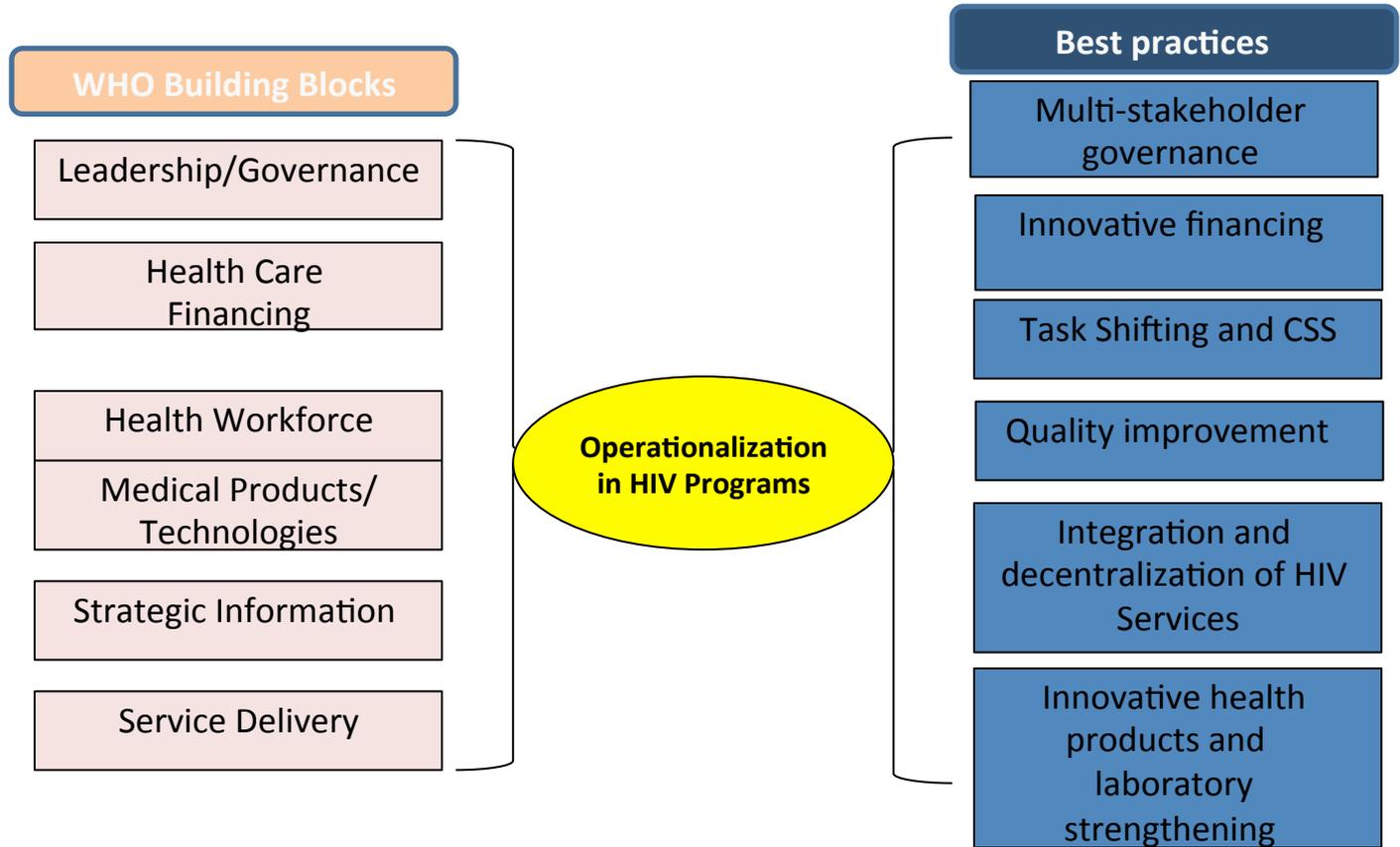
How can we move forward?

Broad, Theoretical Concepts



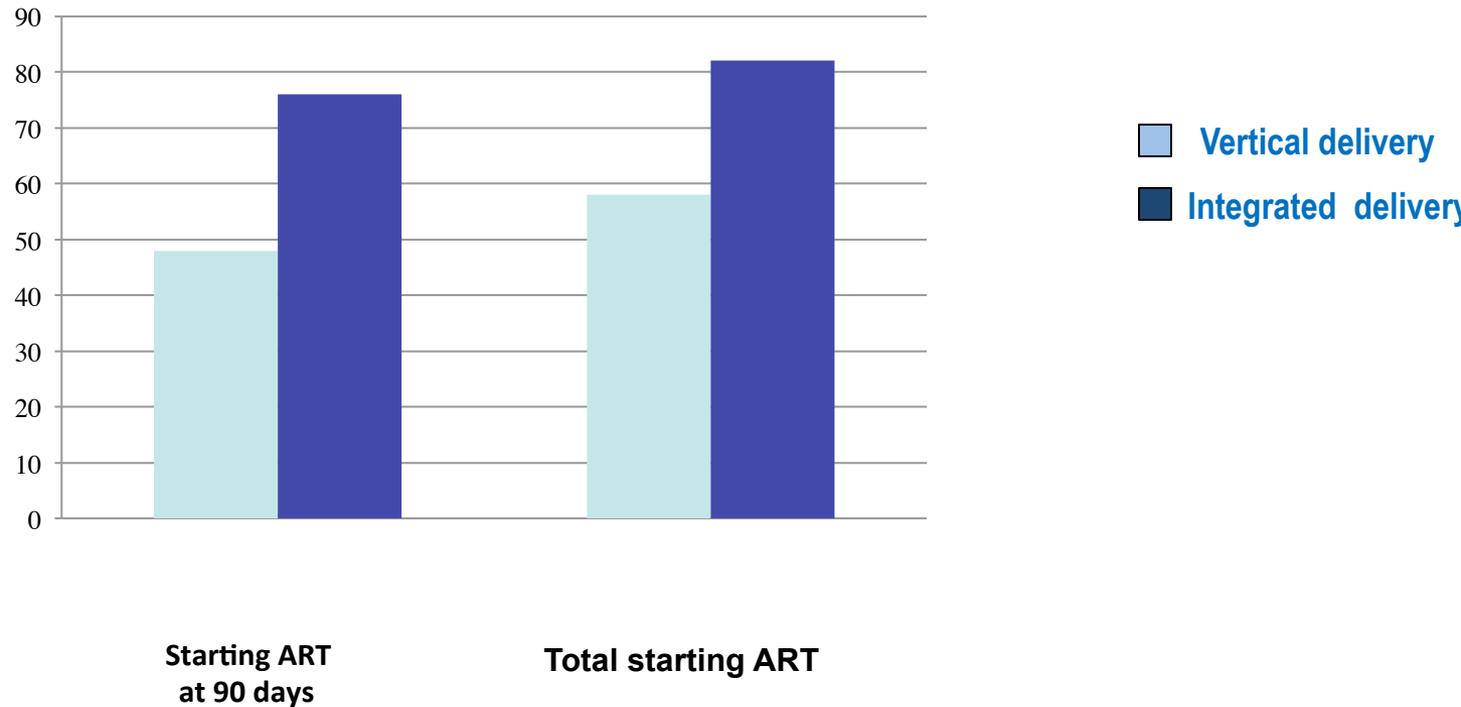
Practical, Evidence-Based Approaches

Approaches to operationalize health systems strengthening to increase access to ART



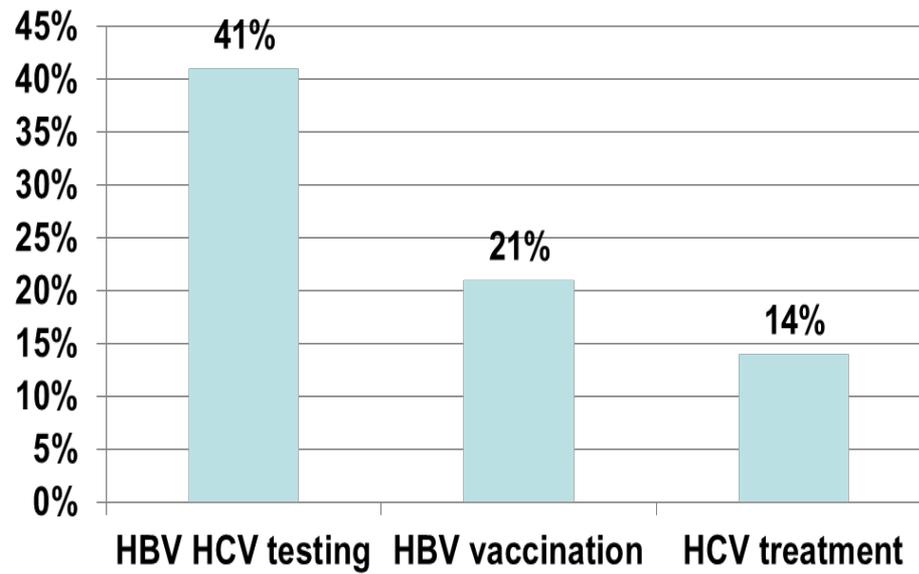
Service Delivery

Integration of HIV Service Primary Care and HIV treatment



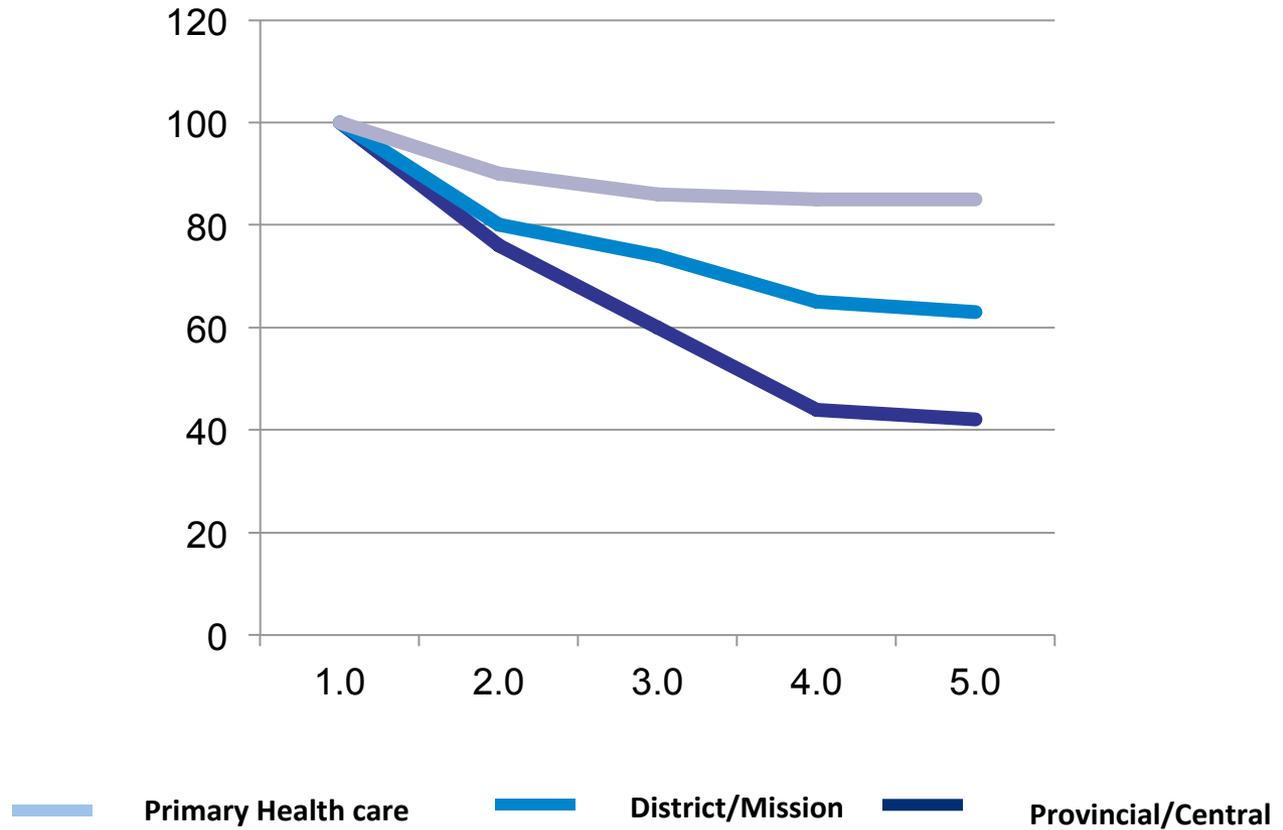
Pfeiffer et al, 2010.

HIV and Hepatitis C



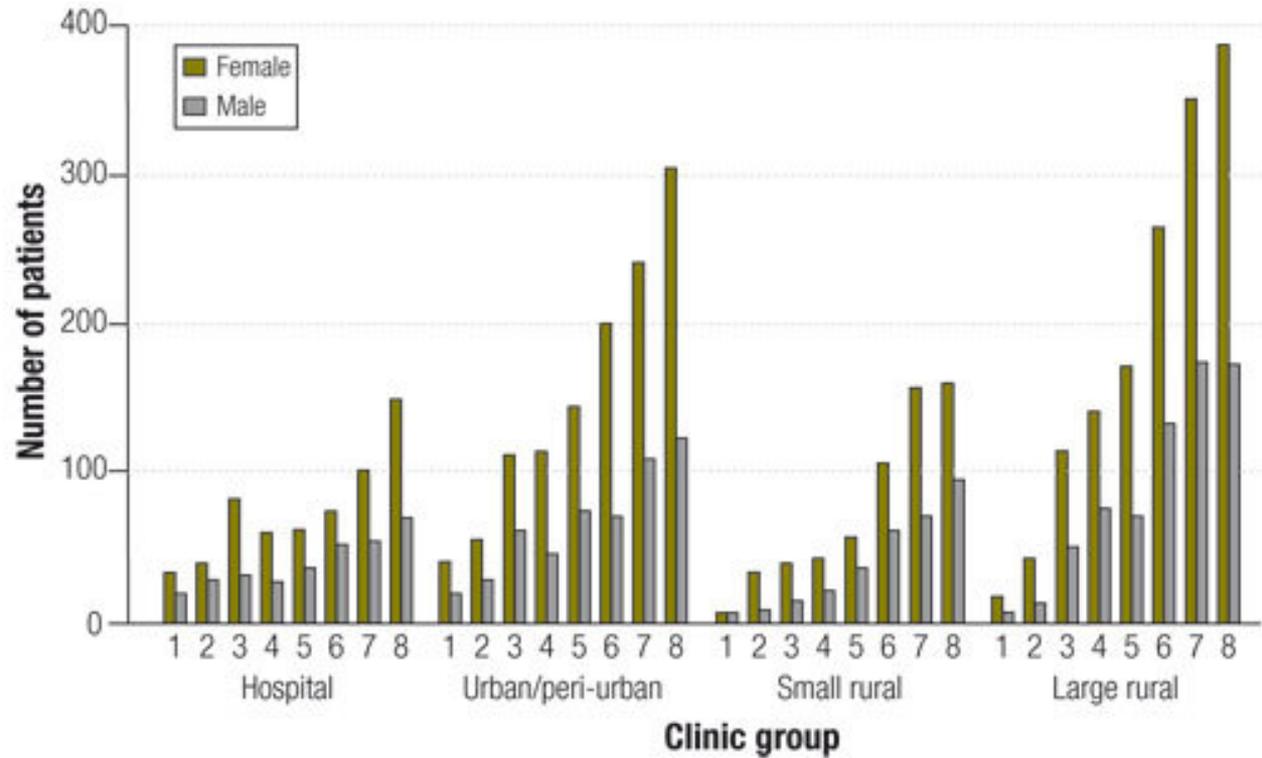
WHO , 2014

Decentralization of HIV Services and retention on ART



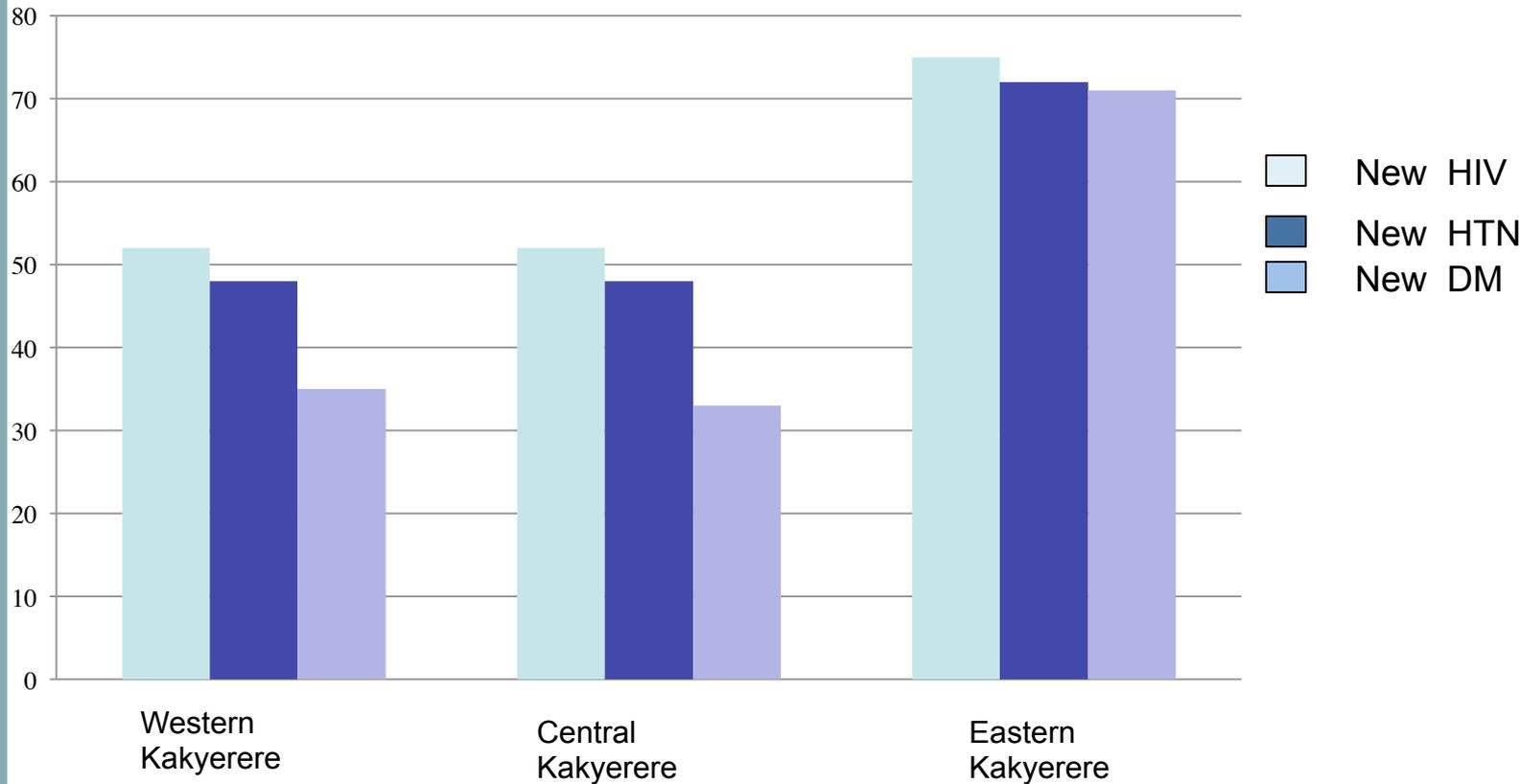
Mutasa-Apollo T, 2014

Decentralization of HIV Services and increased equity



Mutevedzi, 2009

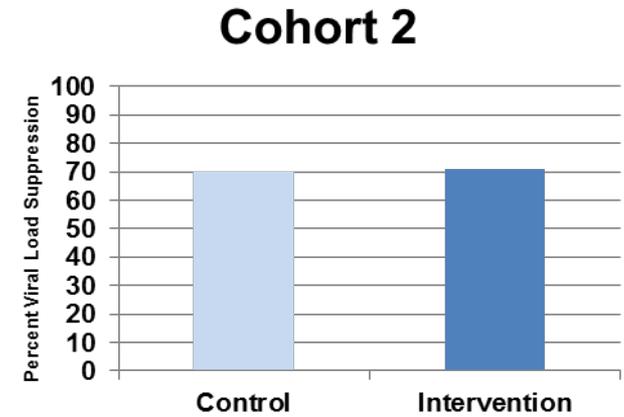
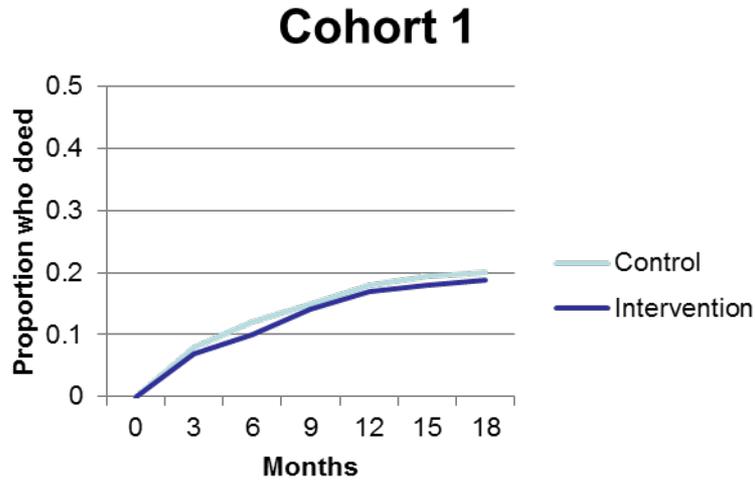
Leveraging Rapid Community-Based HIV Testing Campaigns for Non-Communicable Diseases



Chamie, 2012

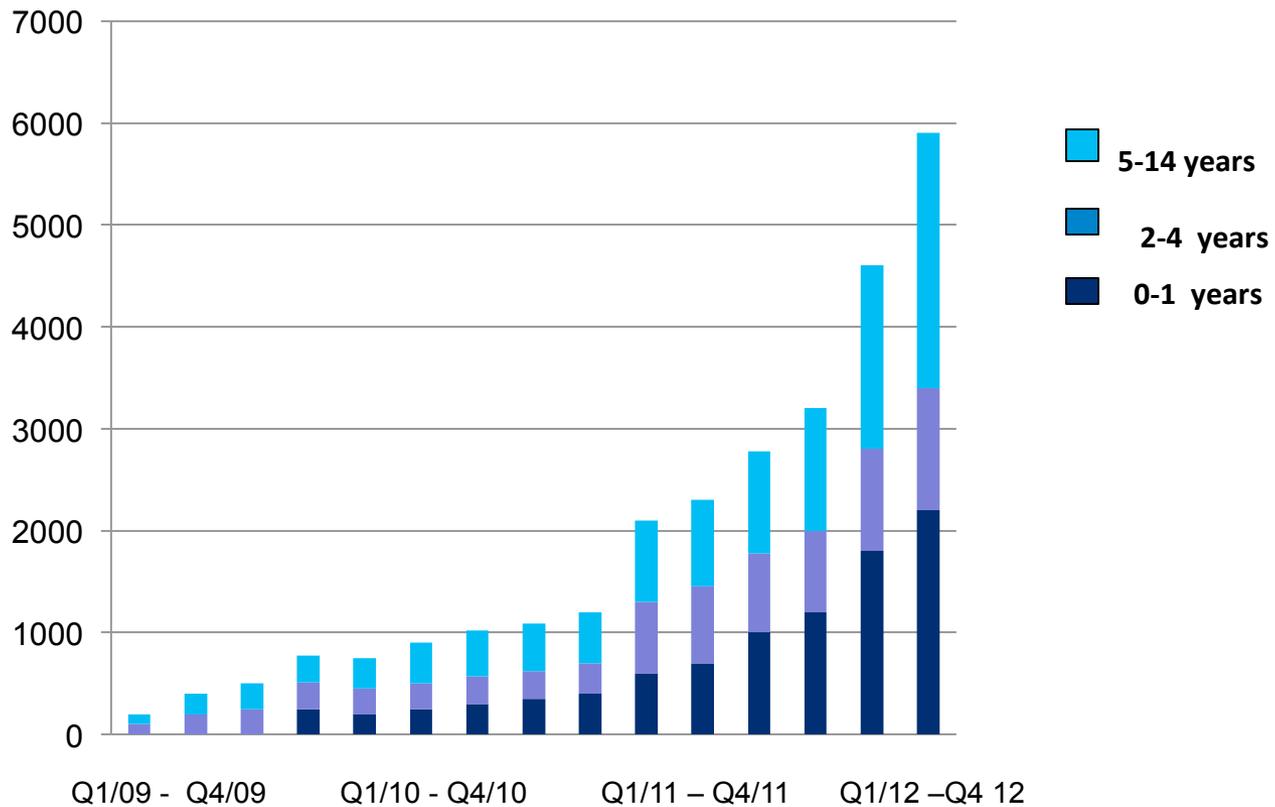
Human resources for health

Task shifting and quality of care: STRETCH study



Fairall, 2012

Task Shifting and cumulative enrollment of children in ART in EGPAF-supported sites in Mozambique



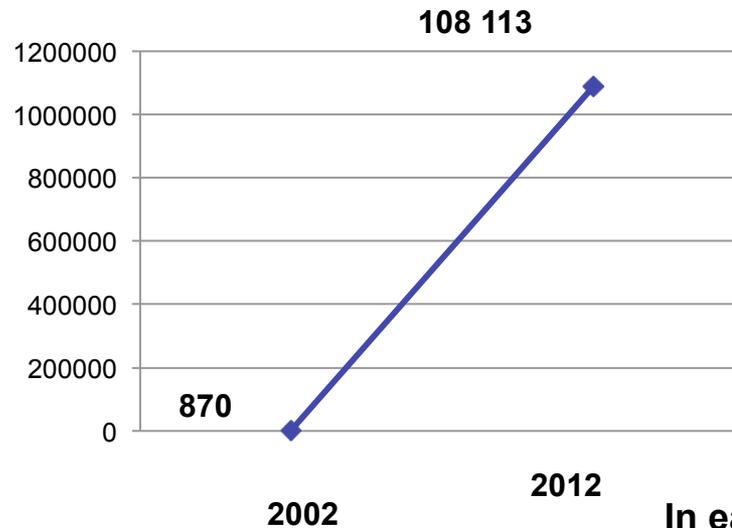
EGPAF, 2013

Governance

Rwanda:

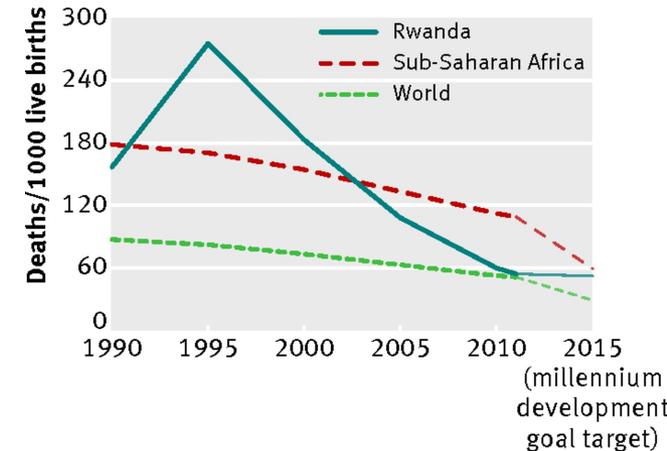
‘Reining in AIDS, a blueprint for strengthening health systems’

“If you give Rwanda money to save the life of the oldest person today, we will make sure that the infant born tonight benefits too.” Agnes Binagwaho

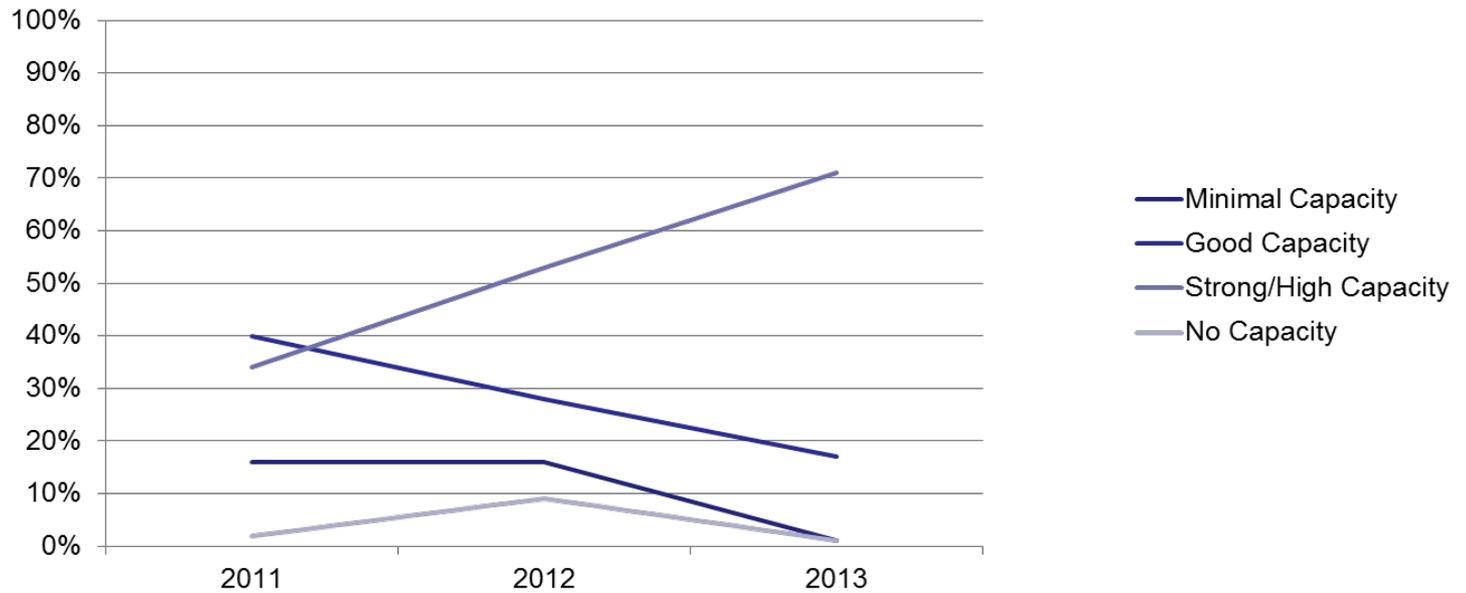


Farmer, 2013

In early 2012, Rwanda became one of the first nations to receive direct budget support from PEPFAR.



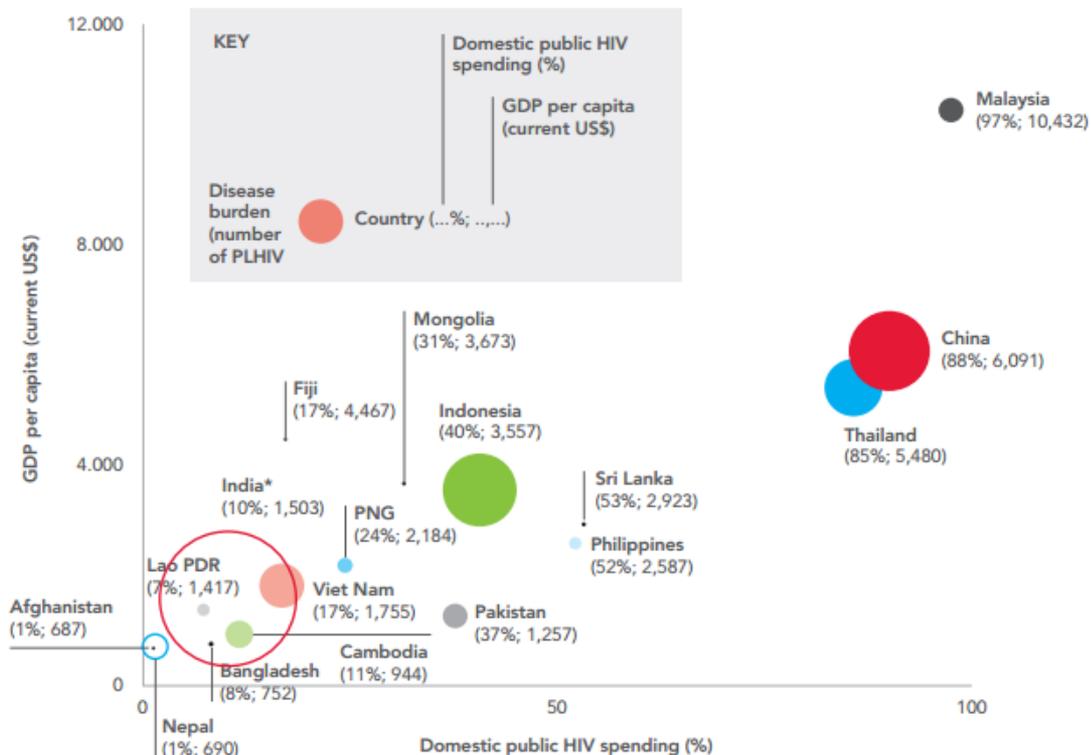
Strengthening national civil society



EGPAF, 2014

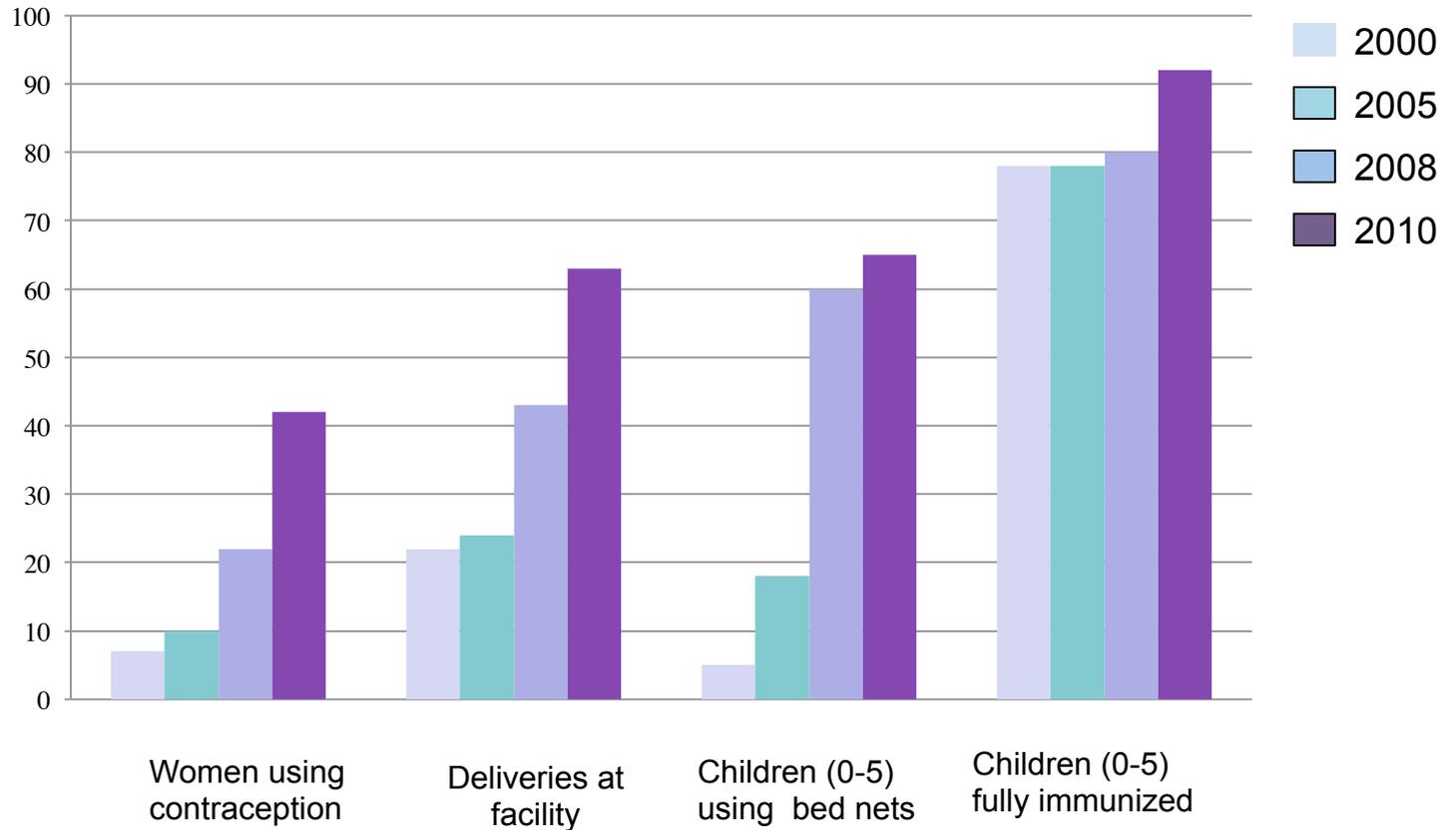
Health Financing

Asia and Pacific: countries are sharing responsibility as GDP rises



UNAIDS, 2014

Results based financing systems and access to health services

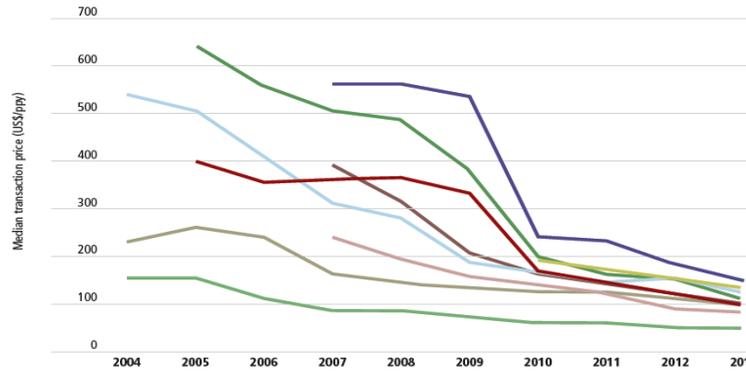


Farmer, 2013

HIV Commodities



Drugs price and access to ART



— [TDF+FTC+EFV] [300+200+600]mg
— [TDF+FTC]+EFV [300+200]mg+600mg
— [TDF+3TC+EFV] [300+300+600]m
— [TDF+3TC]+EFV [300+300]mg+600mg
— [TDF+FTC]+NVP [300+200]mg+2*200mg
— [TDF+3TC]+NVP [300+300]mg+2*
— [ZDV+3TC+NVP] 2*[300+150+200]mg
— [ZDV+3TC]+EFV 2*[300+150]mg+600mg
— [d4T+3TC+NVP] 2*[30+150+200]



Country Registrations

21	45	71	82	91	97	102
----	----	----	----	----	----	-----

Generic Approvals:
(Tentative FDA or WHO pre-qualification)

0	1	4	12	19	22	22
---	---	---	----	----	----	----

WHO, 2014 and WIPO, 2013

Introduction of POC CD4 and impact on HIV treatment cascade

- LTFU between CD4 staging and ART initiation fell from 64 to 33%
- Proportion starting ART doubled 12 to 22%
- Median time to ART start fell by half

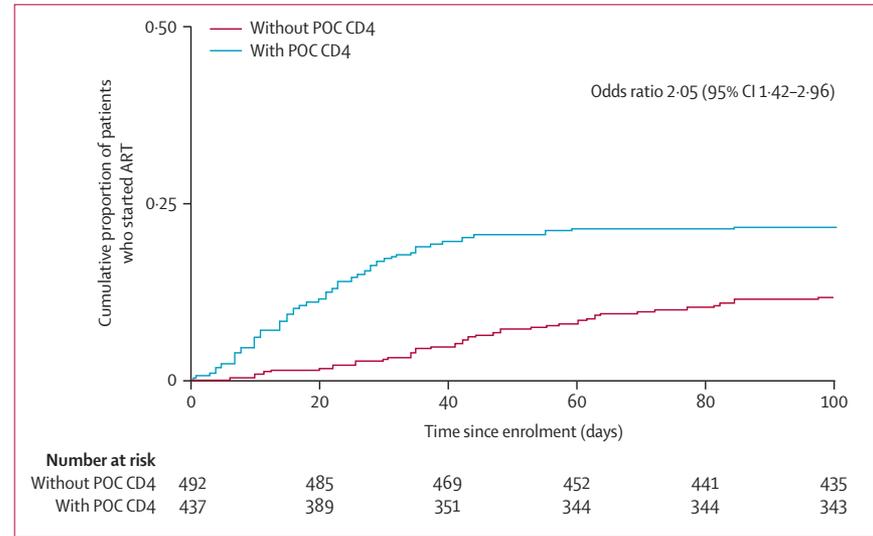


Figure 2: Kaplan-Meier estimate of time from enrolment into HIV care to initiation of antiretroviral therapy before and after the use of POC CD4 for immunological staging at primary health care clinics (p=0.0001)
ART=antiretroviral therapy. POC CD4=point-of-care CD4 cell count.

Jani, 2013

Happy families are all alike, every unhappy family is unhappy in its own way

- **Country-tailored approaches**
- **National leadership**
- **Country ownership approach**
- **Evidence-based interventions**
- **Community systems strengthening**
- **Cross-sector collaboration**
- **Quality improvement**
- **Strategic metrics**

]\

Anna Karenina, Lev Tolstoy



ELIZABETH GLASER
PEDIATRIC AIDS
FOUNDATION



WHEN A VIRUS (HIV)
AND A BACTERIA (TB)
CAN WORK SO WELL
TOGETHER –
WHY CANT WE?
MICHEL SIDIBE