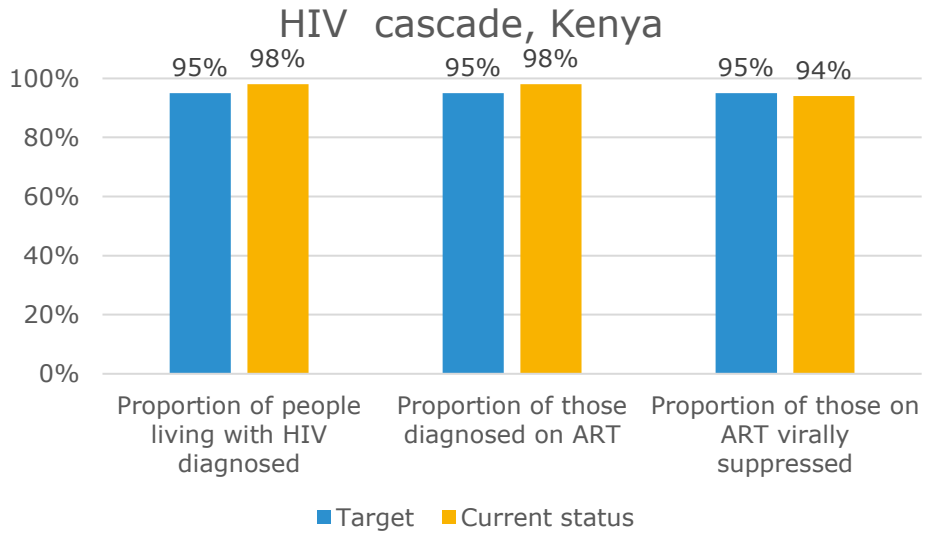
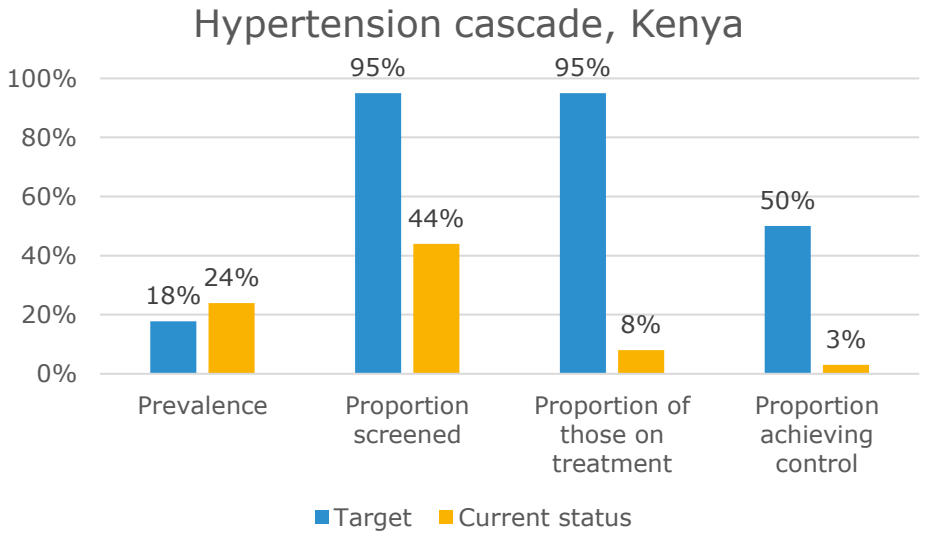
Dr Yvette Kisaka, Ministry of Health, Kenya

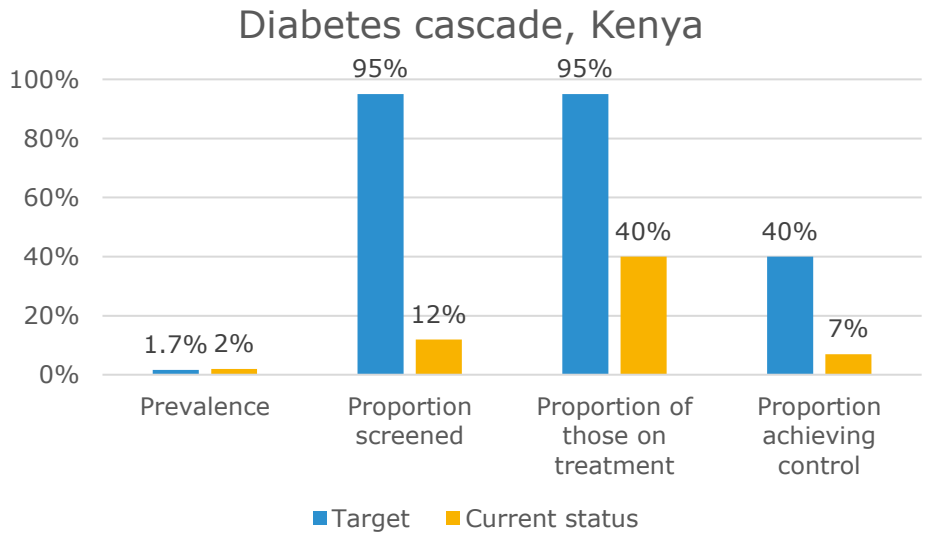
DSD beyond HIV treatment

Unifying measures: Adapting existing M and E tools for the integration of HIV and NCDs in Kenya

Global and Kenyan HIV, diabetes and hypertension targets and cascades

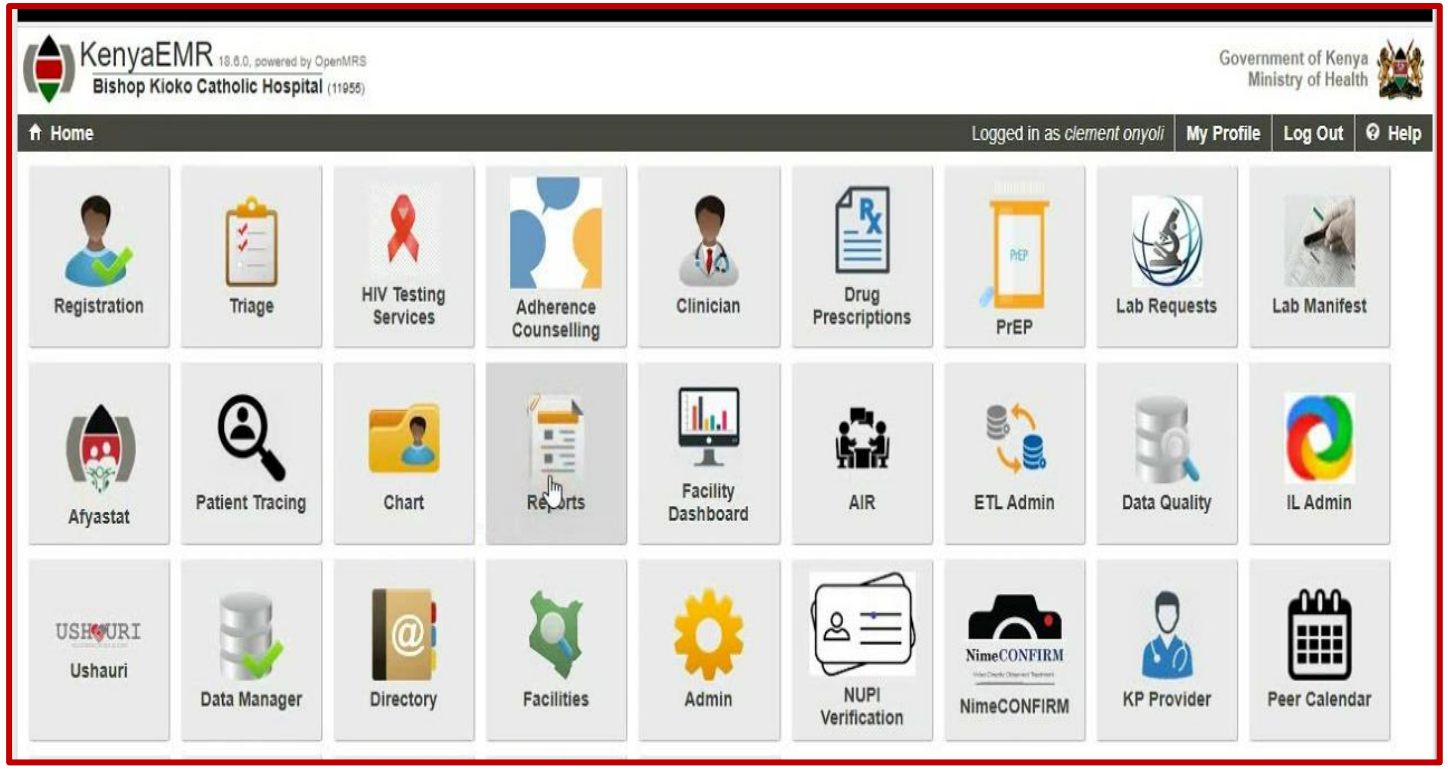






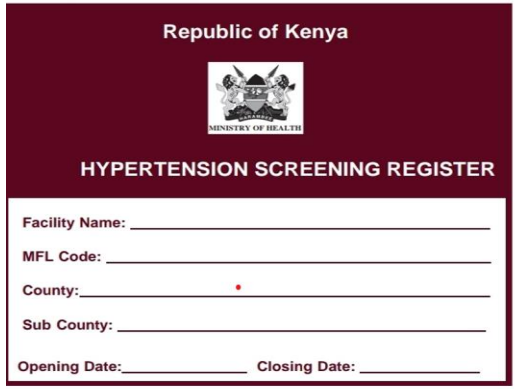
- Different indicators, target year 2025
- HIV indicators – UNAIDS 95-95-95 targets
- NCD indicators – NCD strategic plan 2021/22- 2025/26
- HIV indicators performing markedly better than NCD indicators

Existing M & E tools for HIV in Kenya



- HIV service points are largely paperless
- Utilize the Kenya EMR system
- Hosts longitudinal data for>94% of ART clients
- Seamless end-to-end connection in all service points

Existing M & E tools for HIV, hypertension and diabetes


Republic of Kenya

MINISTRY OF HEALTH

HYPERTENSION SCREENING REGISTER

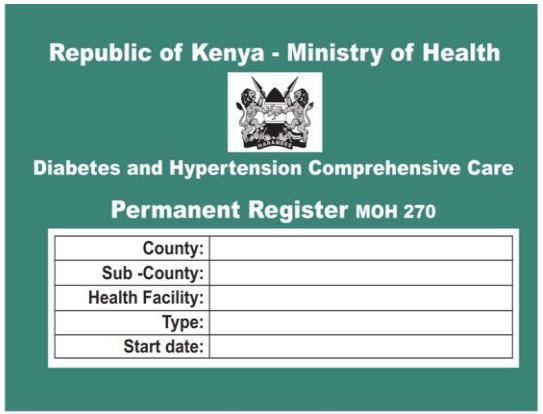
Facility Name: _____

MFL Code: _____

County: _____

Sub County: _____

Opening Date: _____ Closing Date: _____

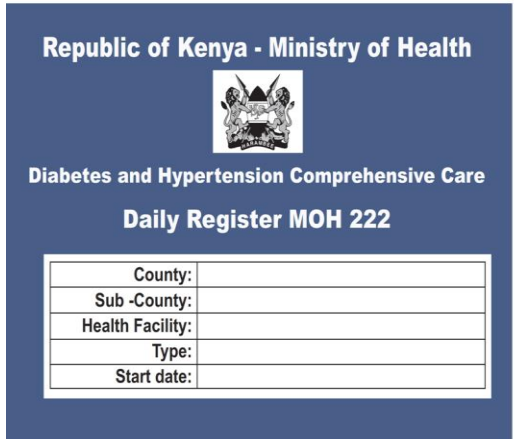

Republic of Kenya - Ministry of Health

HARAMBEE

Diabetes and Hypertension Comprehensive Care

Permanent Register MOH 270

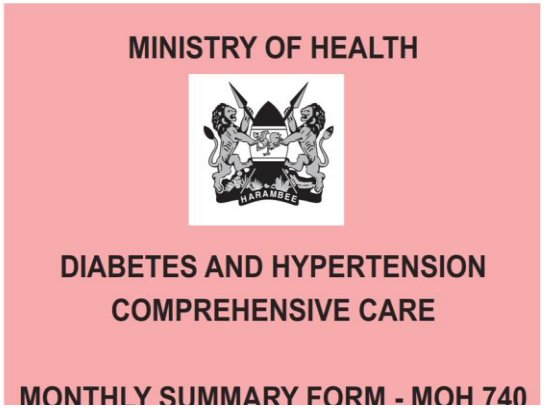
County:	
Sub -County:	
Health Facility:	
Type:	
Start date:	


Republic of Kenya - Ministry of Health

Diabetes and Hypertension Comprehensive Care

Daily Register MOH 222

County:	
Sub -County:	
Health Facility:	
Type:	
Start date:	


MINISTRY OF HEALTH

HARAMBEE

DIABETES AND HYPERTENSION COMPREHENSIVE CARE

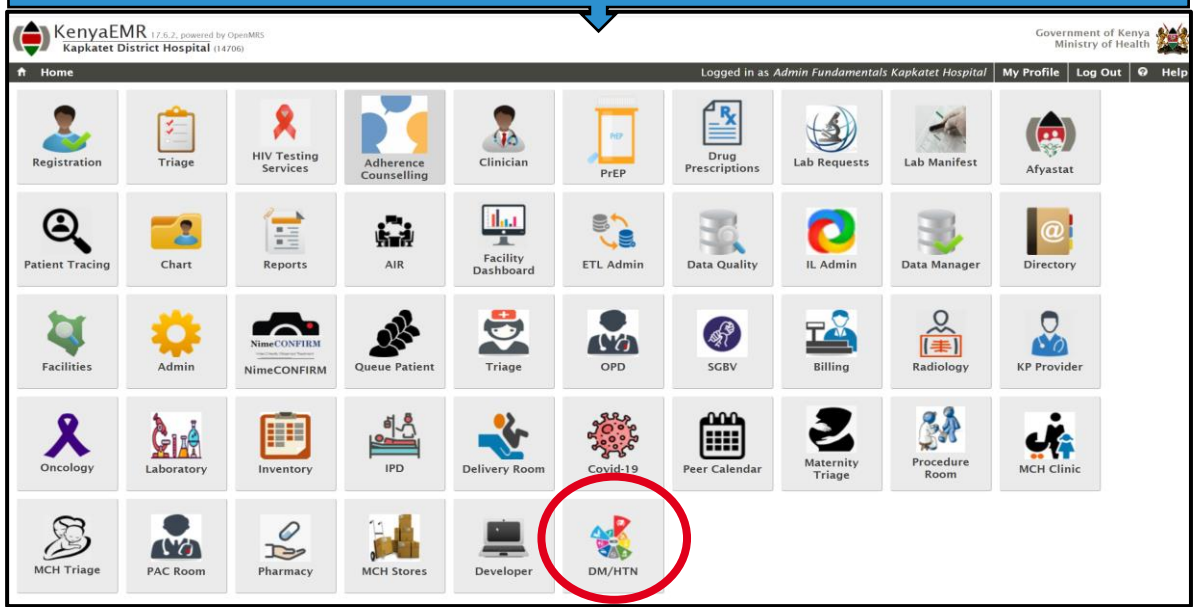
MONTHLY SUMMARY FORM - MOH 740

- DM and Hypertension tools are Paper-based
- Disconnected interface between service points
- Cumbersome, data loss, time consuming

What needed to be changed and why?

Hypertension/DM

HIV



- Need for a one-stop shop - screen, link and provide care
- Focus on the person other than the condition
- Increasing co-morbidities amongst PLHIVs
- Maximize efficiencies – same patient, same HCWS, same health system,
- Integrated system: Provides a common interface for different forms and tools, time saving

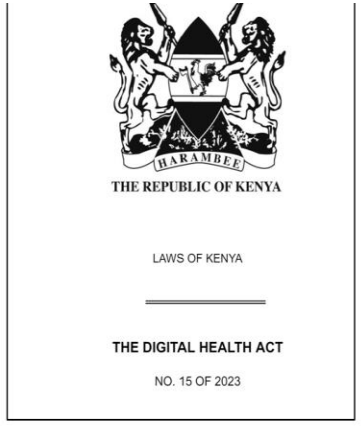
http://41.89.64.14:8080/openmrs/index.htm

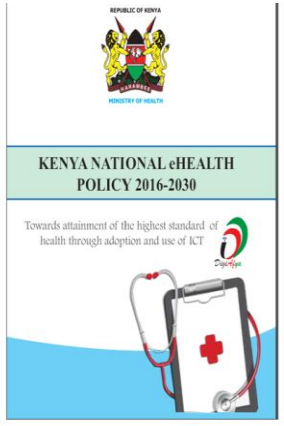
Username: Admin
Password: Admin 123

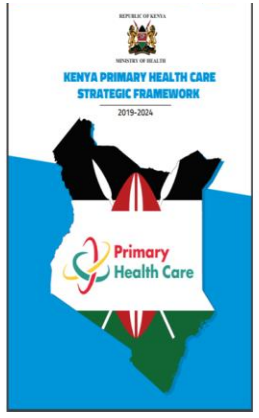
How were tools adapted to integrate hypertension and diabetes

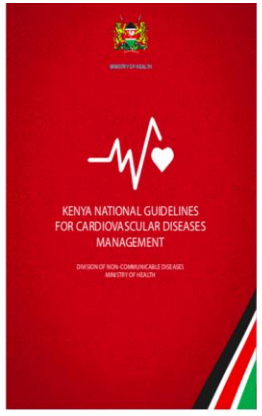
AIDS 2024

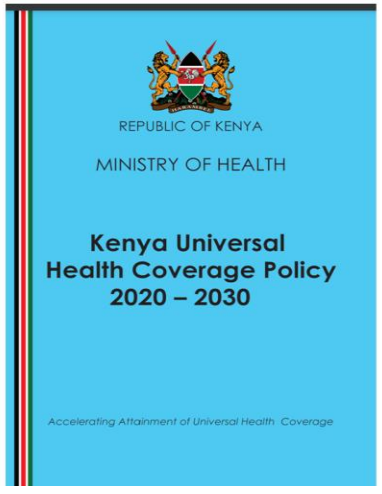
Enabling policy and legal environment for HIV/NCD EMR integration





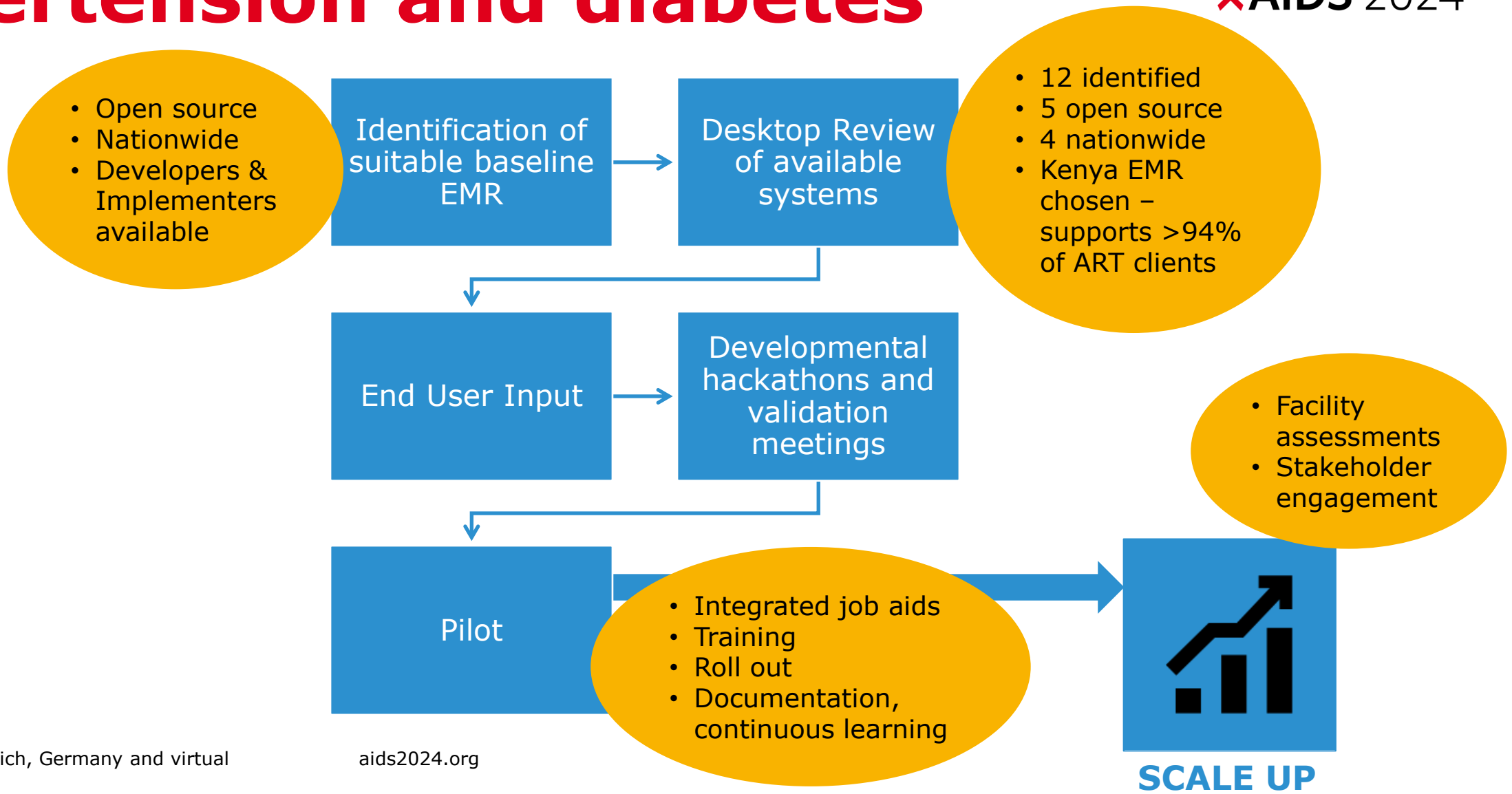




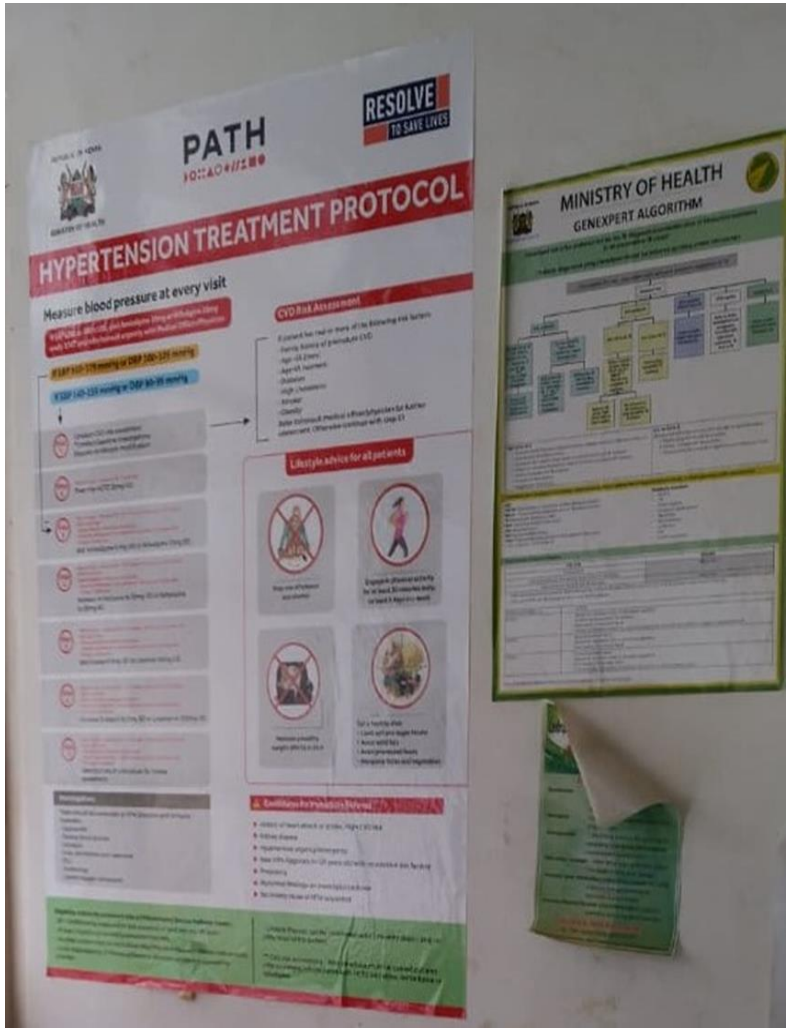


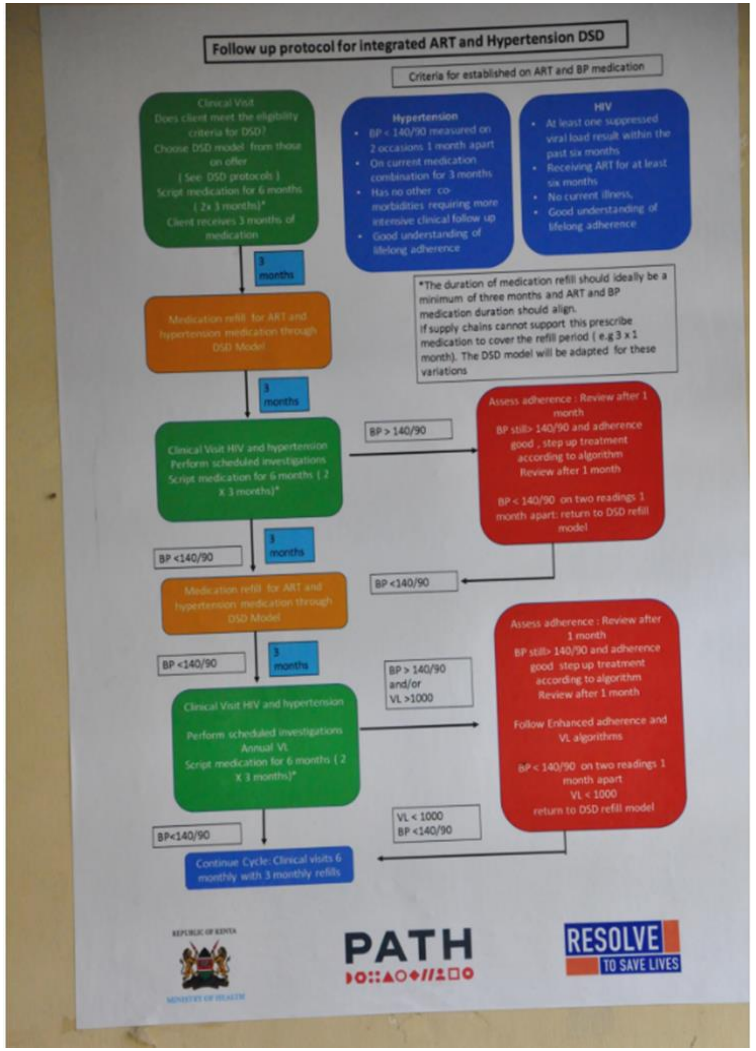
Integrated digital health systems among the four key pillars

How tools adapted to integrate hypertension and diabetes



Simplified job aids for integrated training





Successes and challenges of the initial pilot using the adapted EMR

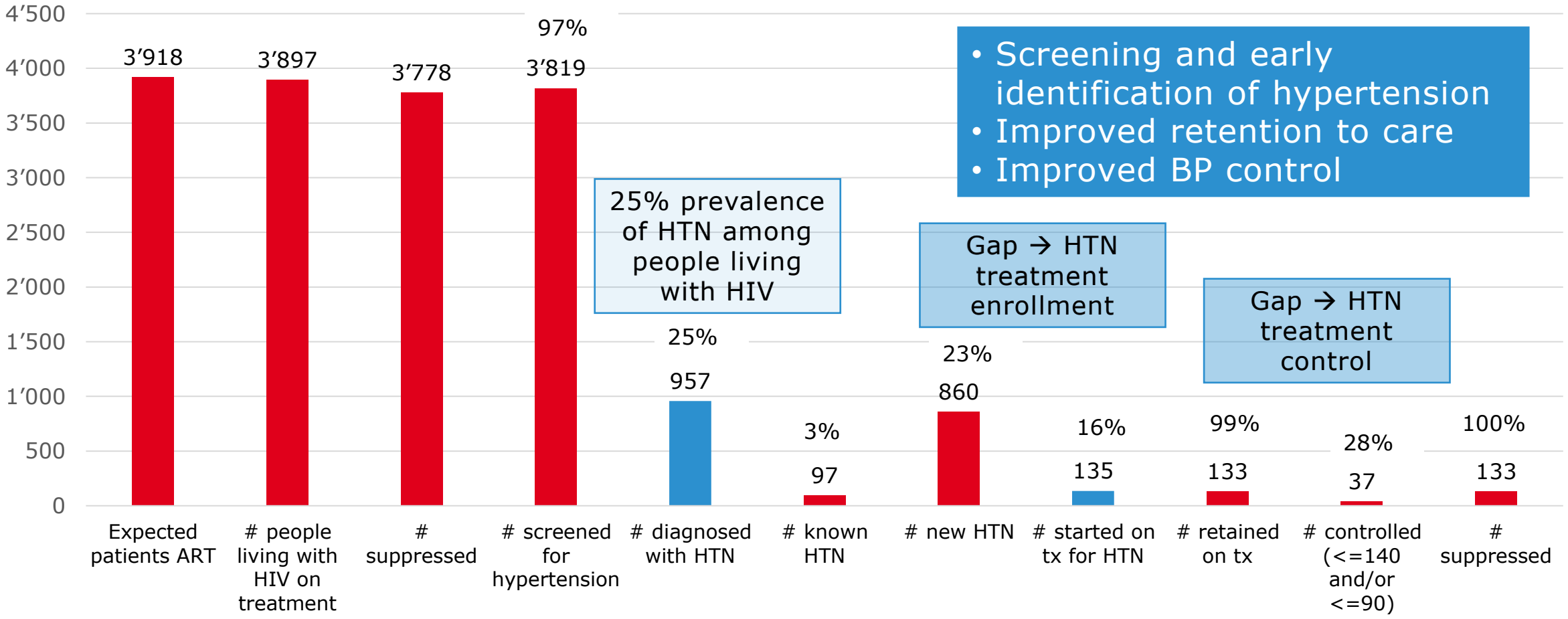
Successes

- Improved patient outcomes
- Early detection and intervention
- Personalized care treatment plans
- Enhanced efficiency and reduced costs
- Streamlined workflows, automated data entry
- Motivated workforce
- Commodity management
- Prototype to guide countrywide scale up

Challenges

- Heavy initial investment
  - System development
  - Healthcare worker training
  - Time investment
- Differences in patient pathways within facilities
- Fee-for-NCD services /Unavailability of HTN commodities – Impacts seamless use of EMR
- HCW attitude –increased workload

Outcomes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500
0
3’918
3’897
3’778
97%
3’819
25%
957
3%
97
23%
860
16%
135
99%
133
28%
37
100%
133
• Screening and early identification of hypertension
• Improved retention to care
• Improved BP control
25% prevalence of HTN among people living with HIV
Gap → HTN treatment enrollment
Gap → HTN treatment control
Expected patients ART
people living with HIV on treatment
suppressed
screened for hypertension
diagnosed with HTN
known HTN
new HTN
started on tx for HTN
retained on tx
controlled (<=140 and/or <=90)
suppressed

Plans for HTN and DM M & E beyond people living with HIV

- Scale up
  - In line with the UHC agenda, digital health is a key component
  - Health financing reforms necessitate digitisation of all health service points
- Development of chronic disease clinical models
  - One-stop shop for care regardless of the condition
  - **Facility assessment**, innovative support for capacity building, advocacy

FICAT (Facility integration capacity assessment tool)

- An ODK assessment tool
- Administered by a trained healthcare worker
- The server is hosted at the National HIV program.
- Assesses
  - Mode of integration
  - Human resource capacity
  - NCD screening
  - Access to laboratory tests, imaging support
  - Treatment
- So far: Assessment done for 213 facilities, 8/47 counties

https://shorturl.at/ijmY9

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Lessons learned to share with other countries considering adaptation of existing HIV M & E tools

- Need for a supporting environment: Policy, technology, HIV/Hypertension integration
- National and sub-nation support for implementation
- Leveraging existing care investments – EMRs, data tools, HCWs, piloting sites
- People at the centre of interventions
- Adaptability, resilience, continuous learning

Nyathina chak achaka_

(My son, just begin)

Acknowledgements

AIDS 2024

Ministry of Health
REPUBLIC OF KENYA

NASCOP

PATH

HealthIT
sustaining health information system

COUNTY GOVERNMENT OF KISUMU
HARBOUR OF PROSPERITY

RESOLVE TO SAVE LIVES

COUNTY GOVERNMENT OF NYAMIRA
County of Possibilities