

Kenya AHD M&E Dashboards

Leveraging on the KeEMR

Presenters:

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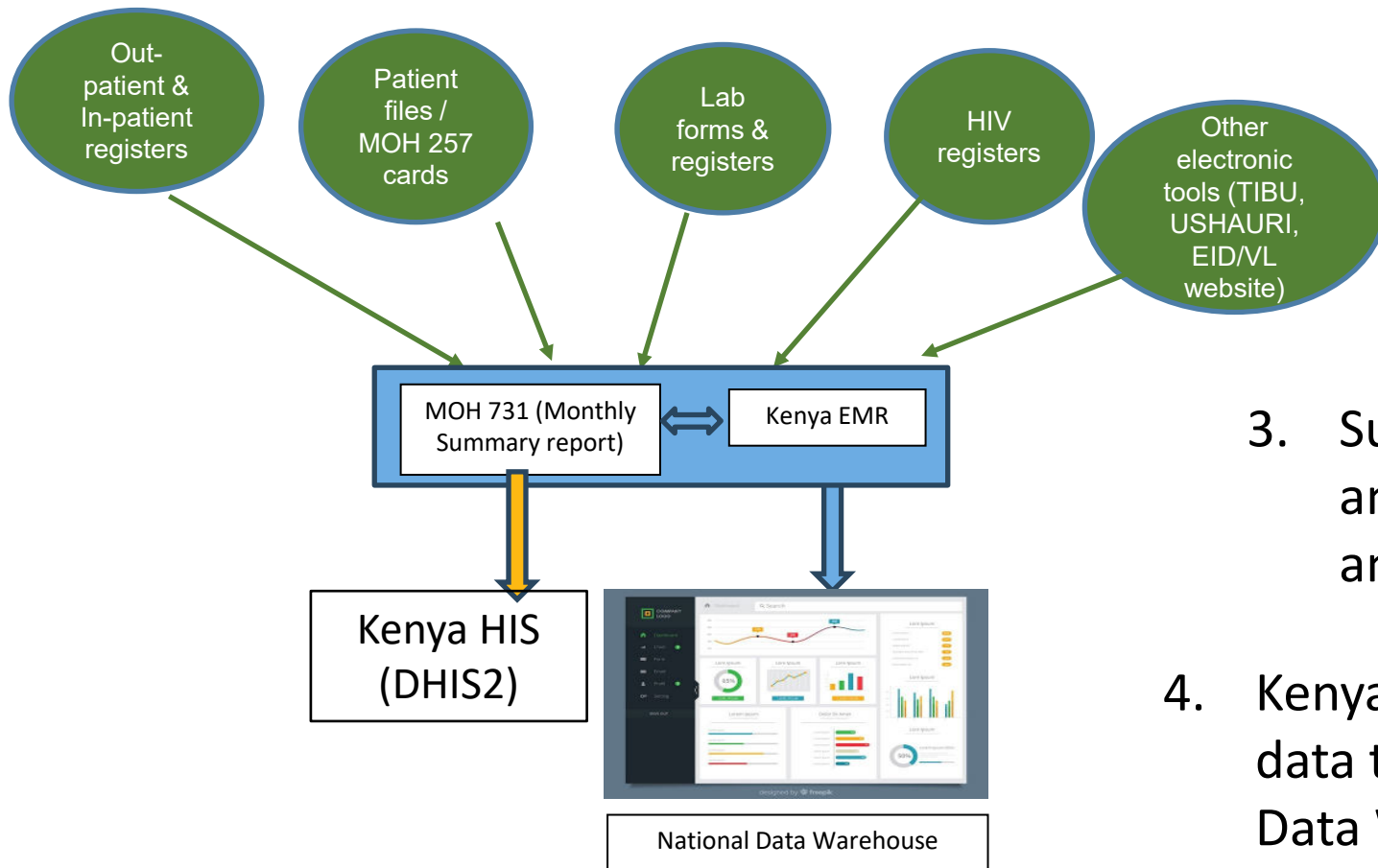
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Overview of HIV Data Flow and Management in Kenya



1. Primary data tools are both paper-based (i.e. registers and patient encounter forms) and electronic (i.e. KenyaEMR, USHAURI and TIBU)
2. HF summarize HIV-related data into the MOH 731 monthly report
3. Summary reports submitted to the sub-county and County Health Management Team [HMT] and to the national level through the DHIS2
4. KenyaEMR facility instances electronically upload data to the National Data Warehouse through Data Warehouse Application Interphase [DWAPI]

Using the KenyaEMR for AHD Management

- M&E of AHD requires longitudinal tracking to correctly determine RoC outcomes
- KenyaEMR has been used to manage HIV services for over 15 years with a HF coverage of ~80%
 - Use is either by Point-of-Care (no paper) or Retrospective Data Entry (i.e., by transcription of data from the paper tools to the EMR)
- Kenya started phased implementation of hospital-wide EMR that is not limited to HIV/TB services in June 2024
 - ***This approach is vital because RoC with AHD require services in all the service delivery points in a facility***
- The HF EMR instance has summary reports and dashboards for decision-making at HF level

AHD Data in National Data Warehouse (NDW)

- De-identified patient data is uploaded by HF electronically to MOH/NASCOP servers using Data Warehouse Application Interphase (DWAPI)
 - Data from 2,456 HF was uploaded in Oct 2024 representing 90% of PLHIV on treatment in Kenya
- Analytic dashboards in the NDW are publicly available through a web browser but access to the data backend is restricted for data protection.
- Development of AHD dashboards in the NDW commenced in July 2024 through collaboration of stakeholders hosted by NASCOP through the AHD TWG
- The AHD dashboards show AHD Screening & identification; CD4 testing; TB screening & Management; and Cryptococcal meningitis screening & management, and will be used as data source for Global AIDS Monitoring (GAM) reports to WHO/UNAIDS

Demonstration of AHD Management in the Kenya EMR and the National Data Warehouse

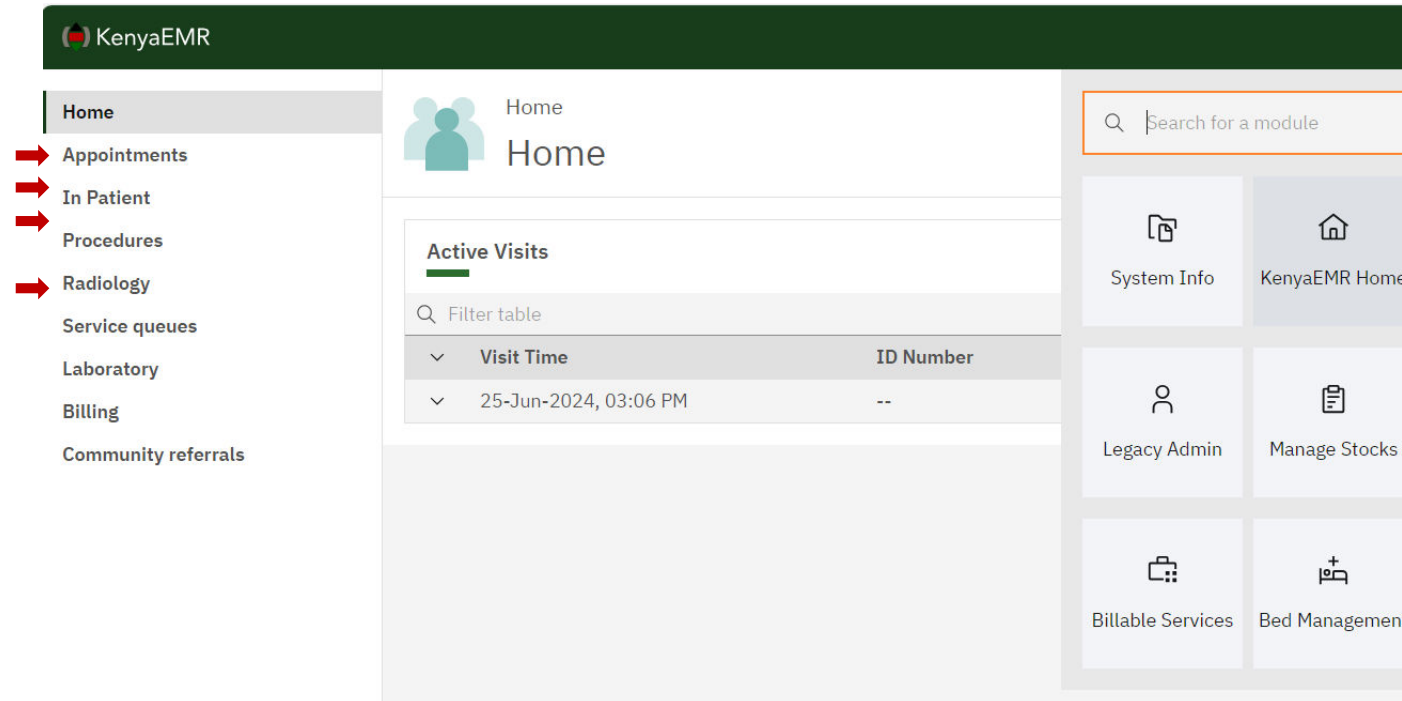


Figure 2. Hospital wide EMR snapshot

Live demo

- [KenyaEMR](#)
- [National Datawarehouse AHD dashboard](#)

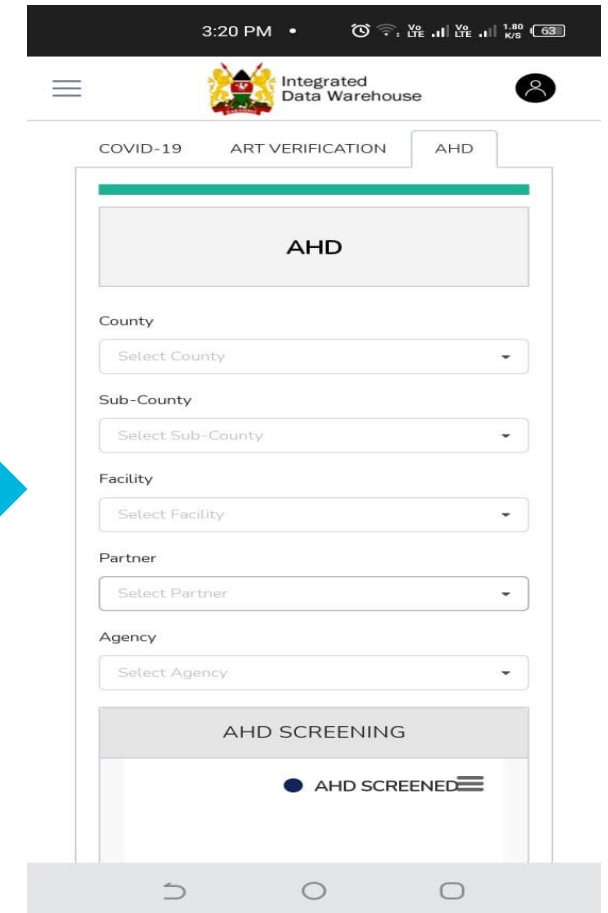


Figure 3. Snapshot of AHD Dashboards in National Data Warehouse

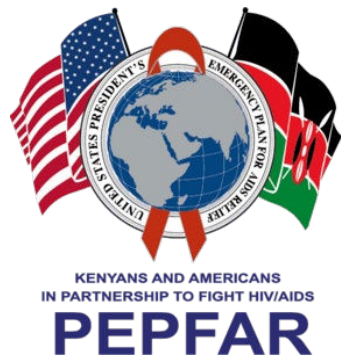
Conclusion

- Availability of AHD data enables assessment of quality and scaleup of AHD services along the care cascade.
- The tools are used nationally and owned by MOH/NASCOP promoting buy-in by HF leading to sustainability of services.
- The tools have been developed through collaborative effort of NASCOP and key stakeholders, with contribution from the RoC and health care workers.
- The hospital-wide EMR addresses the problem of parallel programming.
- Kenya shared the lessons with other countries on how AHD data can be drawn from existing country EMR systems and to get feedback for improvement

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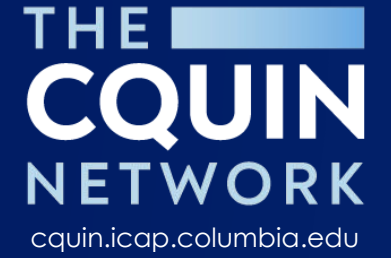


**Elizabeth Glaser
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Acknowledgements

- RoC
- Government of Kenya/Ministry of Health
- NASCOP
- National AHD TWG and Regional TWGs
- Health Care Providers
- PEPFAR
- CDC Kenya
- USAID EA/K
- Palladium and Health IT
- EGPAF
- ICAP-CQUIN
- CHAI
- WHO
- University of Nairobi



Thank You!

