Our Journey in Achieving Universal Test and Treat, Towards the 2nd 90

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DDPPHS/CASCO-NRB
Outline of Presentation

1. County Background
2. ART Scale up in Kenya
3. Nairobi 90-90-90 Cascade
4. Strategies Adopted
5. Challenges
6. Next Steps
# Background

<table>
<thead>
<tr>
<th>Description</th>
<th>Kenya</th>
<th>Nairobi City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population</td>
<td>47,848,479</td>
<td>4,941,708 (10.3%)</td>
</tr>
<tr>
<td>HIV Prevalence</td>
<td>4.8%</td>
<td>6.1%</td>
</tr>
<tr>
<td>People living with HIV/AIDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-14 Years</td>
<td>105,213</td>
<td>8,137 (7.7%)</td>
</tr>
<tr>
<td>10-19 Years (Adolescents)</td>
<td>105,230</td>
<td>10,604 (10%)</td>
</tr>
<tr>
<td>Adults</td>
<td>1,388,169</td>
<td>182,856 (13.2%)</td>
</tr>
<tr>
<td>New Infections</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-14 years</td>
<td>7,978</td>
<td>660 (8.3%)</td>
</tr>
<tr>
<td>10-19 years (Adolescents)</td>
<td>8177</td>
<td>1222 (14.9%)</td>
</tr>
<tr>
<td>Adults</td>
<td>44789</td>
<td>6499 (14.5%)</td>
</tr>
<tr>
<td>Mother-to-child transmission</td>
<td>11.5%</td>
<td>8.5%</td>
</tr>
<tr>
<td>HIV related Deaths</td>
<td>28,214</td>
<td>2,612</td>
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# Health Care Facilities Inventory

<table>
<thead>
<tr>
<th>Services</th>
<th>No of Sites</th>
<th>Public</th>
<th>Private</th>
<th>FBO</th>
<th>NGO</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTS</td>
<td></td>
<td>99</td>
<td>202</td>
<td>64</td>
<td>16</td>
<td>381</td>
</tr>
<tr>
<td>C.C.C</td>
<td></td>
<td>62</td>
<td>71</td>
<td>48</td>
<td>10</td>
<td>191</td>
</tr>
<tr>
<td>Paediatric ART</td>
<td></td>
<td>63</td>
<td>50</td>
<td>48</td>
<td>11</td>
<td>172</td>
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<tr>
<td>PMTCT</td>
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<td>84</td>
<td>99</td>
<td>55</td>
<td>6</td>
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<td>VMMC</td>
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<td>18</td>
<td>3</td>
<td>13</td>
<td>0</td>
<td>34</td>
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<td>IDU (Drop In Centers)</td>
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<td>0</td>
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<td>1</td>
<td>1</td>
<td>7</td>
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<tr>
<td>Methadone</td>
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<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>MSM</td>
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<td>0</td>
<td>5</td>
<td>3</td>
<td>1</td>
<td>9</td>
</tr>
<tr>
<td>Sex Workers</td>
<td></td>
<td>1</td>
<td>5</td>
<td>2</td>
<td>6</td>
<td>14</td>
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<tr>
<td>TB/HIV</td>
<td></td>
<td>77</td>
<td>68</td>
<td>55</td>
<td>10</td>
<td>210</td>
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<tr>
<td>PrEP Services</td>
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<td>34</td>
<td>12</td>
<td>23</td>
<td>10</td>
<td>79</td>
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<tr>
<td>EMR</td>
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<td>42</td>
<td>8</td>
<td>30</td>
<td>8</td>
<td>88</td>
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<tr>
<td>HIVST Services</td>
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<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>HTS training</td>
<td></td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>SGBV</td>
<td></td>
<td>2</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>EID</td>
<td></td>
<td>79</td>
<td>50</td>
<td>51</td>
<td>8</td>
<td>188</td>
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</table>
ART Scale up in Kenya

• In June 2015, WHO recommended treatment initiation for everyone who is HIV-infected, regardless of their immunological status

• Kenyan National ART guidelines revised and launched on 5th July 2016 to make them consistent with the 2015 WHO guidelines on treatment eligibility

• Nairobi City County joint the rest of the counties to implement the new guidelines
ART CASCADES AS AT JUNE 2019
PROGRESS TOWARD 90-90-90 FOR ADULTS AS AT JUNE 2019

- **Adults LHIV Identified**: 182,856
  - Reached: 147,622 (81%)
  - Unreached: 16,948
- **On treatment**: 146,560 (99%)
- **Viral Suppression**: 126,774 (86%)
PROGRESS TOWARD 90-90-90 FOR CHILDREN AS AT JUNE 2019

- Children LHIV: 8137
- Identified: 6412 (79%)
- On treatment: 6402 (100%)
- Viral Suppression: 4942 (77%)

Reached
Unreached
PROGRESS TOWARD 90-90-90 FOR ADOLESCENTS JUNE 2019

- **Adolescents LHIV**: 10,604
- **Identified**: 7,884 (74%)
- **On treatment**: 8,281 (98%)
- **Viral Suppression**: 6,317 (81%)

Reach: Reached
Unreach: Unreached
PROGRESS TOWARD 90-90-90 FOR ALL PLHIVS JUNE 2019

Total PLHIV: 190,993
Identified: 151,339 (79%)
On treatment: 150,267 (99%)
Viral Suppression: 137,795 (92%)

Reached
Unreached
Our Journey Achieving the 2^{nd} 90


- Blue line: Currently in Care - Total
- Orange line: Currently on ART
How did we achieve this?
Implementation Road Map

- **WHO Launch Test and Start Guidelines Launch**
- **July 2016**
  - Launch of new Kenyan ART Guidelines
- **October 2016**
  - County and Subcounty Managers Sensitisation
- **November 2016**
  - HCWs Training Over 500 Pax in 17 subcounties trained
- **Jan-Dec 2017**
  - Intense TA
  - CQI projects
  - Distribution of tools
  - Nairobi RTWG formed
- **2017 to 2018**
  - ART Optimisation/DTG RRI
  - Launch of Kenya 2018 Revised Guidelines
- **August 2018**
  - Nairobi RTWG formed
- **November 2018 to March 2019**
  - Continued on site mentorship and review of strategy based on lessons learned
Test And Start Process and Strategy

- **Known positive patients on Care But not on ART**
  - Line listing of patients on care but not on ART
  - Sensitisation of peer educators and case managers
  - Patient Education, Treatment Literacy materials adopted
  - Community Tracing using case managers
  - Adopted appointment and defaulter tracing registers/phones
  - SMS reminders

- **Newly Identified Positive Patient**
  - Escorting of newly identified patients to the clinician
  - Follow up of patients not showing up for their clinic visit
  - Adoption of Treatment literacy materials
  - Case management for all newly identified HIV
  - Patient support groups and peer mentors

- **Provider Competence**
  - Training and Retraining of Health Care Provider
  - Routine Mentorship and Support supervision
  - Test and Start adopted as a QI initiative
  - Differentiated Care models to decongest clinics
  - Clinical Support Centre
  - Competence of providers
  - Increased Workload
  - Fear of patients getting lost
  - Fear of patients developing IRIS

- **Commodity Security and Reporting**
  - Setting up of Commodity Security TWG
  - Training on forecasting and quantification
  - Monthly ART and Quarterly RTK forecasting
Investing in People

- Trained HCWs on ART, KP, Adolescents
- Trained on New ART tools
- Mentorship and Clinical Support Centre

Mentorship Activities

- **January – March 2018**
  - Total Facilities visited – 16
  - Mentors-34
  - Mentees-34

- **April – June 2018**
  - Total Facilities visited – 21
  - Mentors - 46
  - Mentees - 38

- **July – September 2018**
  - Total Facilities visited – 20
  - Mentors-32
  - Mentees-29

- **October – Dec 2018**
  - Total Facilities visited – 19
  - Mentors-28
  - Mentees-25

- **Jan-April 2019**
  - Total Facilities visited 25
  - Mentors 30
  - Mentees 26

- **May-July 2019**
  - Total Facilities visited 25
  - Mentors 28
  - Mentees 50

Mentorship activities target Viral Suppression

- Trained HCWs on ART, KP, Adolescents
- Trained on New ART tools
- Mentorship and Clinical Support Centre
Clinical Support Center Attendance
Oct 2017-Jul 2019

CME Slides on the Screen at the Central Hub, through ECHO is viewed by the SPOKEs (Seen on the Right-Hand Corner of the screen)
CQI Approach

Facility QI Plan

Mentorship at Site Level

Performance Monitoring Charts

Joint Supervision Chart Abstraction
Support for Adolescents and PMTCT

INNOVATIONS

Dreams girls graduation

OTZ certification

Green bag

Binti Shujaa

PAMA
Increased Linkage to ART within 90 days

(April-June 2018 Cohort as at end of Sep 2018; N= 1323; n= 33 Facilities)

- Total HIV+: 1323
- Linked same day: 1066 (81%)
- Linked within 1-14 days: 122
- Linked within 14-30 days: 31
- Linked within 30-90 days: 12
- Linked after 90 Days: 5

*94% Linkage within 90 days

Still on follow up: 46, 55%
LTFU: 23, 26%
Declined: 13, 15%
Dead: 3, 4%

Reasons for Not Linked; N=87

*Case management model and Follow up of patients not enrolling the same day has resulted to improved linkage to care
Addressing the Challenge of Increased Workload

**Differentiated Care Model Type**

**Specific Clinic Days**
- PMTCT Clinics
- Adolescent clinics
- Pediatric Clinics

**Viraemic Clinic Days**

**Differentiated Service Delivery Models**
- Fast Track for Stable Patients
- ART Groups

*Adoption of DCM models has led to decongestion of clinics*
Strengthening Health Information Systems

- DQAs done quarterly on all HIV related data
- Scaled up EMR for HIV services
- Biannual performance reviews held
- HIV dashboard online
- New tools received and facilities sensitized
- HIV Granulated Report Developed
Leadership and Governance

- Political good will and strong leadership (First Lady, Governor and CEC) with specific commitments for increased domestic HIV resource allocation
- Dissemination and Implementation of the Nairobi city county AIDS strategic plan aligned to the Kenya AIDS Strategic Framework
- Development of MTEF for HIV 2018 to 2021

Partners Coordination

- Strong partnership and coordination of stakeholders with increased private sector involvement
- Establishment of the County Multi-sectoral HIV and AIDS committee that meets quarterly to review progress by the various technical working groups (Adolescent/C&T, KP, M&E, EMTCT, VMMC, PREP)
- Coordinated Trainings and Supervision
Challenges
Test and Start 12 months ART Retention:

*65% of all LTFU among the same day ART cohort

*Majority of patients LTFU amongst patients started on Same Day ART. The county has strengthened its case management model and Treatment Literacy preparation to address this
Acknowledgements

• Governor-Nairobi City County
• Ministry of Health
• UNAIDS
• IAPAC
• UMB
• AFYA JIJINI
• All Other Partners and Stakeholders
ARVs SAVED OUR LIVES

For free HIV Testing
Call: 0722 293 960

Testing and ART are free in all government facilities

THANK YOU