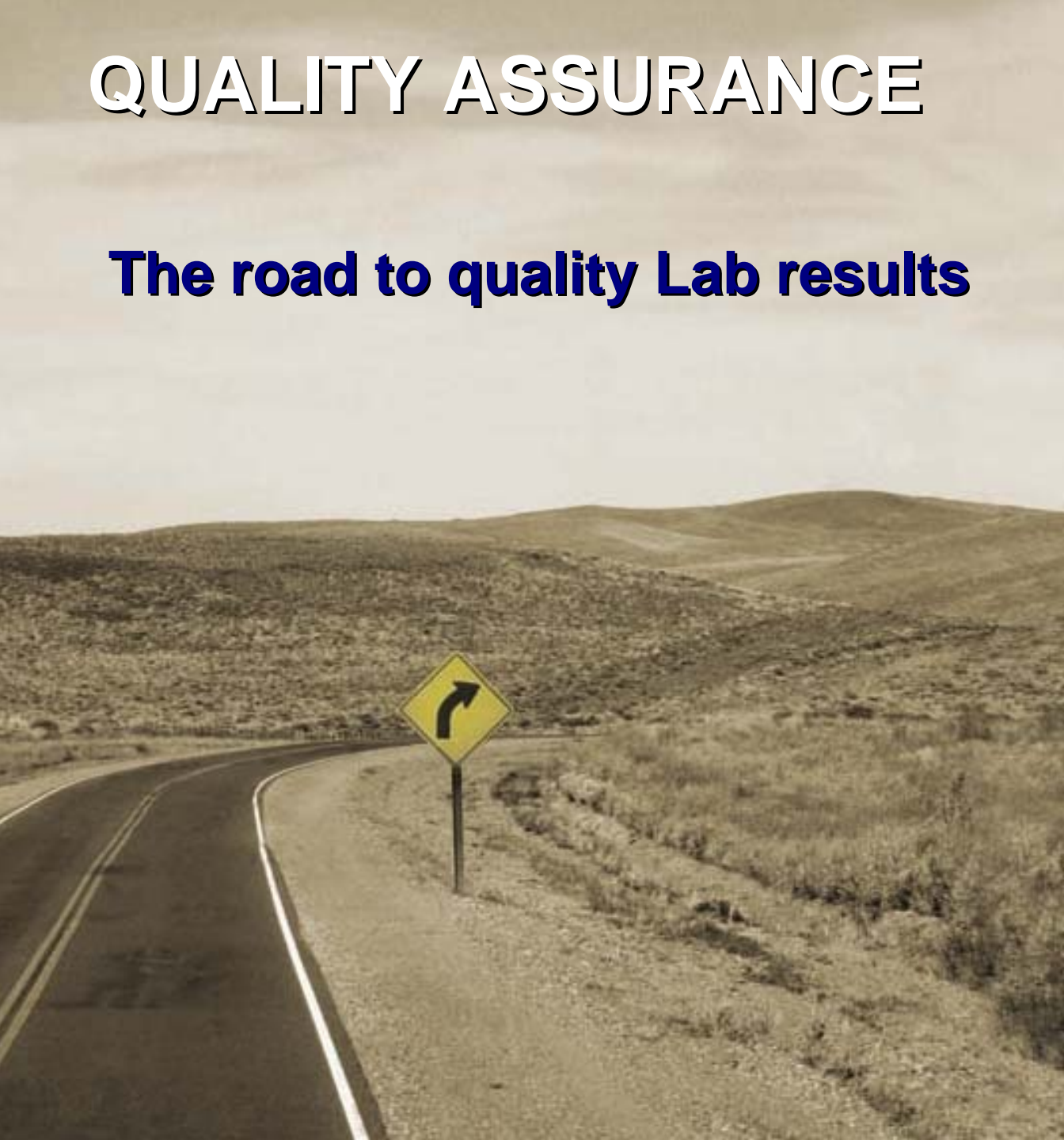


QUALITY ASSURANCE

The road to quality Lab results



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HBCT conference
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**Quality HIV testing for HBCT
program
in Asembo and Kibera
Kenya**

Lab and HIV testing

Laboratory performs validation testing on QA samples.

Every 10th client - filter paper collected and re-tested

Role of laboratory in HIV testing

1/2

To provide technical support to HBCCT program by:

- a) Conducting trainings/refreshers
- b) Validation testing
- c) Troubleshooting on factors that affect the quality of results
- d) Support supervision
- e) Laboratory log book entries and documentation of lab supplies

Role of laboratory in HIV testing

2/2

- f) Provide updates on HIV testing
- g) Create a collaborative working relationship and networking
- h) Support the EQAS at the national level
- i) **Proficiency testing**

Rapid HIV Testing

1. Counselors carry employment ID to the field
2. Counselors carry ID and pack testing requirements regularly
3. National HIV Testing guidelines is followed
4. SOPs and interpretation charts are followed
5. Counselors enter everyday the lab log book everyday
6. Wastes are collected into their respective containers and spillages decontaminated

Laboratory waste management and infection prevention

1. Sharps - into the sharps containers
2. Contaminated wastes - into plastic waste bags
3. Counselors with hand sanitizers and disinfectant for spillages
4. Central collection of waste before incineration
5. Any exposure is entered into accident/incident log book and referred for PEP

Challenges of home testing

1. Confidentiality/privacy may be compromised
2. Inadequate lighting
3. Harsh working environment
4. Check list of testing requirements must be topped up regularly
5. Waste disposed at the end of the day
6. Lack of running water in some cases
7. Security concerns

CD4 testing

1. Training of counselors on sample collection, packaging and transportation
2. During pilot study samples were collected for every HIV positive client for CD4 and tested at QA lab
3. EDTA micro container tubes used to collect whole blood from the finger

Way forward

1/2

1. Shorter TAT for feedback on QA results
2. Reduced the % of QA samples from 10-5%
3. Maintain validation testing for poorly performing sites
4. More involvement of the lab in the process of planning for the Home based program testing activities

Way forward

2/2

- 5) Increased networking
- 6) Enroll HBCT sites into PT testing
- 7) Develop an national EQAS at the national level for HBCT program
- 8) Improve on the acquisitions of testing logistics



Thank you

