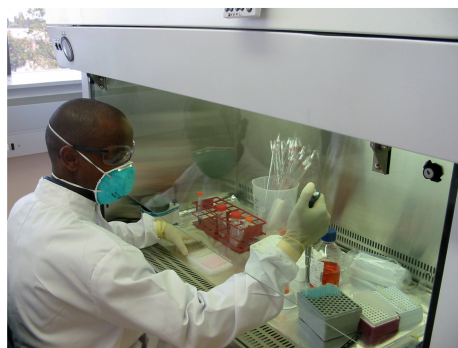


Who should attend?

- **Quality Managers**
- **Quality Officers**
- **Lab Managers/Supervisors**
- **Laboratory Scientists**

Major Topics

- Laboratory Quality Management System
- Good Clinical Laboratory Practice
- Accreditation & Quality Regulations
- Accreditation: Preparation and Maintenance
- Verification/Validation methods
- Quality Assurance, Quality Control and Continuous Improvement
- Internal and External Audits
- Method and instrument Validation
- Estimation of Uncertainty of Measurement
- Basic Laboratory Statistics
- Quality Indicators



22 – 26 July, 2013
Botswana-Harvard HIV
Reference Laboratory
Gaborone, Botswana



TanZamBo Network



McGill



BOTSWANA
HARVARD AIDS INSTITUTE
PARTNERSHIP
FOR HIV RESEARCH AND EDUCATION

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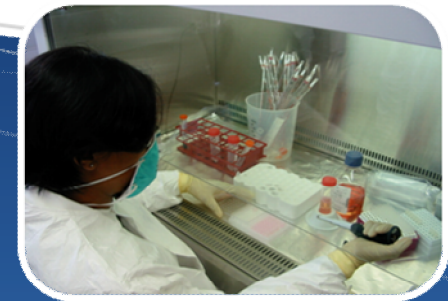


Laboratory Quality Management Systems and Accreditation Workshop

SPONSORS: European Developing Countries Clinical Trials Partnership (EDCTP) & Government of Canada through Global Health Research Initiatives (GHRI & International Development Research Centre (IDRC).
Local Project PI: R M Musonda

Synopsis of the Course

This Course is designed to transfer knowledge on laboratory quality management system, Good Clinical Laboratory practice and laboratory accreditation procedures. The participant will learn the basic elements required for an effective laboratory Quality Management System (QMS) and what is required to implement the system through to accreditation. Information is presented to assist the participant in applying the Quality Management system and requirements for clinical trials. The course also includes information for ongoing evaluation of QMS, validation/verification of methods and equipment, corrective actions and root cause analysis. The course also provides insight on how to maintain accreditation requirements through interaction with staff from accredited laboratories and demonstration of implemented QMS and GCLP. The course includes a Participant Manual, Reading Materials, and a final assessment.



The benefits of attending include:

- Ability to participate in an interactive workshop with practical guidance
- Opportunity to gain knowledge from recognized experts.
- Comprehensive course documentation and practical exercises.
- Competency assessments and Certificates.
- Post workshop mentoring.

By attending you will:

- Be introduced to GCLP
- Understand the **Requirements for ISO 15189:2012**
- Understand what accreditation is
- Understand **Equipment and method verification/validation**
- Be able to establish a **quality management system**
- Understand basic **statistical analysis for the laboratory**
- Establish laboratory quality management **documentation**



- Understand **quality indicators and Monitor the quality of tests and services**
- **Understand Internal and external audits, Corrective Actions and Root Cause Analysis.**
- Learn **challenges and lessons learnt** from other laboratories.
- Be involved in extensive **practical sessions**
- Have an opportunity for post-workshop mentoring.