

## OUTLINE OF THE INTEGRATED MANAGEMENT OF MALARIA COURSE CURRICULUM OFFERED BY THE JOINT UGANDA MALARIA TRAINING PROGRAMME

The curriculum aims at addressing the different training needs of the three categories of health care workers outlined below. It is meant to strengthen and expand Uganda's on-going nationally coordinated malaria control activities through:

- Building capacity for laboratory diagnosis of malaria at health facility level
- Building capacity for proper clinical case management of fever and malaria
- Improving surveillance systems and data collection

### TARGET AUDIENCE:

This course is intended for health workers directly involved in management of patients presenting with fever/suspected malaria in health facilities. These are the clinical, laboratory and records staff. Records staff are considered for this training because of their role in ensuring proper records management for effective surveillance of malaria and for ensuring availability of reliable data for planning. The specific cadres of health workers targeted for this course are shown in the table below:

<b>Clinicians</b>	<b>Laboratory staff</b>	<b>Records staff</b>
Medical Officers Clinical Officers Registered Nurses Registered Midwives Registered Comprehensive Nurses Enrolled Nurses Enrolled Midwives Enrolled Comprehensive Nurses	District Laboratory Coordinator Laboratory Technologists Laboratory Technicians Laboratory Assistants	Records clerks Malaria Focal Persons at District level Surveillance focal person Health Management Information system (HMIS) focal person

### Course Content and organization

The content of the course is arranged in four modules and respective sessions as follows:

#### Module 1: General aspects of malaria:

*(Common sessions for the clinical laboratory and records staff)*

- Session 1: Malaria, its transmission and disease causation
- Session 2: Epidemiology of malaria in Uganda
- Session 3: Control and policy framework for malaria in Uganda
- Session 4: Record keeping
- Session 5: Medical supplies management
- Session 6: Infection prevention
- Session 7: Ethical code of conduct for health workers

#### Module 2: Clinical management of malaria:

*(Sessions specific to the Clinical staff only)*

- Session 1: Evaluation of a patient with a fever
- Session 2: Making a definitive diagnosis of malaria
- Session 3: Management of patients with fever but with a negative blood slide for malaria parasites
- Session 4: Treatment of uncomplicated malaria

- Session 5: Treatment of severe malaria
- Session 6: Treatment of malaria in pregnancy
- Session 7: Management of fever after malaria treatment
- Session 8: Monitoring for drug safety: Pharmacovigilance
- Session 9: Malaria and HIV/AIDS co-infection
- Session 10: Patient education for adherence to treatment, prevention of malaria and follow up

**Module 3: Laboratory use in malaria case management:**

*(Sessions specific to the laboratory staff only)*

- Session 1: Good Laboratory Practice
- Session 2: Malaria microscopy
- Session 3: The preparation and storage of different reagents/stains for malaria microscopy
- Session 4: Laboratory diagnosis of malaria
- Session 5: Quality Assurance/ Quality Control in malaria microscopy

**Module 4: Medical records management:**

*(Sessions specific to the records staff only)*

- Session 1: Medical record keeping
- Session 2: Data storage
- Session 3: Data retrieval and updating
- Session 4: Analyzing data
- Session 5: Interpretation of data
- Session 6: Presentation of data
- Session 7: Disposal of data
- Session 8: Malaria surveillance and data

The course is delivered in six days according to the schedule below:

Day 1	Days 2, 3, 4	Day 5	Day 6
<p><b>Common sessions</b> 1,2,3 &amp; 6 of module 1 for all</p> <p>Clinical, laboratory and records staff together</p> <p><i>(Lectures only)</i></p> <p>Health facility group discussions and action plan development <b>(16.00-17.30Hours)</b></p>	<p><b>Parallel Discipline-Specific Sessions for</b></p> <p>Clinicians Module 2 Laboratory Module 3 Records Module 4</p> <p><i>(Lectures and case discussions)</i></p> <p>Record placement (day 4)</p> <p>Health facility group discussions and action plan development <b>(16.00-17.30Hours)</b></p>	<p><b>Common Sessions</b> 7 of module 1 for all</p> <p>Clinical, laboratory and records staff together</p> <p><i>(Lecture and Discipline-specific clinical placement)</i></p> <p>Health facility group discussions and action plan development <b>(16.00-17.30Hours)</b></p>	<p><b>Common sessions</b> 4 &amp; 5 of module 1 for all</p> <p>Clinical, laboratory and records staff together</p> <p>Post test</p> <p>Health facility action plan presentations</p> <p>End of course evaluation</p> <p><b>Closure</b></p>

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