



Laboratory Quality Management System (LQMS)

(Module 18)

Information Management

Acknowledgements

This Module was prepared by Beatrice Orena.

Part 18.0: Information Management



PURPOSE: To provide the participants with an overview of information management and explain how it relates to quality practices in the laboratory.

LEARNING OBJECTIVE:

At the end of this module, participants will be able to:

- describe important elements of an information management system;
- explain things to consider when developing a manual, paper-based information system;
- describe the advantages and disadvantages of a computerized information management system.

MATERIALS:

1. PowerPoint slides or transparencies
2. Overhead projector or computer with an LCD projector
3. Prepared flipchart, white board, or chalk board
4. Paper cards, markers, and tape
5. Additional handouts as required.

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
- 2.** Discussion
- 3.** Exercise

ADVANCE PREPARATION:

1. Print participant activity 18-1,
2. Familiarize oneself with the slides
3. Read facilitators Notes and ISO 15189 Standard

FACILITATORS STEP-BY STEP INSTRUCTIONS:

1. Welcome and Introduction
2. Present module overview
3. Ask Questions in between the presentation to actively involve participants.
4. Continue the presentation
5. Recap presentation using the Assessment questions
6. Ask if there is any question.

FACILITATORS NOTES

1. Refer to the Facilitator notes attached and participant and facilitator activities for this module 18.
2. Use relevant examples and illustrations from the slides to help participants understand.

SLIDE OF POWERPOINT PRESENTATION



SITUATION ANALYSIS/ EXERCISES

1. Randomly select one/two Participants define LQMS
2. Inquire from the other Participants if they have any answers not mentioned by the former participant. Also add their answers on the flip chart (If used).

ASSESSMENT REVIEW

1. What is Quality
2. Define Quality Management System.
3. What are the Twelve Quality System Essentials
4. What are the three major stages of the Path of workflow
5. Which ISO standard provides requirements for Competence of clinical Laboratories?

REFERENCES

- CLSI – Standards, guidelines, and best practices for quality in medical testing
- WHO – Laboratory Quality Management System - Handbook
- ISO 15189 – Medical laboratories – Requirements for quality and competence