

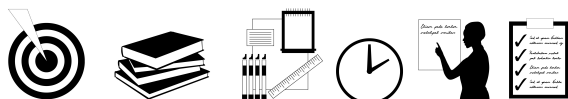


Laboratory Quality Management System (LQMS)

(Module 1)

Introduction to Quality Management System

Part 9.0: Introduction to Quality Management System



PURPOSE: To provide the participants with a broad understanding of a laboratory quality management system.

LEARNING OBJECTIVE:

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

- explain the importance of a quality management system;
- list the quality management system **essential elements**;
- describe the history of development of quality principles;
- Discuss relationship of this quality model to ISO and CLSI standards.

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: 90 Minutes – (Break for 5 minutes after 25 slides)

METHODOLOGY:

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

ADVANCE PREPARATION:

1. Familiarize oneself with the slides
2. 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. Introduce the formula 4P 2O DI-FACE to help participants familiarizes and grasp the 12 quality Essentials.
2. Encourage active participation from the class.
3. Use relevant examples and illustrations from the slides to help participants understand.
4. Refer to the notes attached

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