



Planning

Planning is the process of drawing the goals to be reached within a certain period of time. From this definition, it can be said that planning answers the following questions:

What is the benefit of pre-planning for the laboratory?

What is the effect of failure to develop planning commensurate with health safety standards?

Who is primarily responsible for giving planning?

In your opinion, what are the specifications of a typical analytical laboratory?

Scientific laboratory design standards

- * The necessity of establishing laboratories in the form of an integrated center.
- * The laboratories, except for the pathology laboratory, must be located on the same site

The following must be observed

- Determining the type and nature of the laboratory and the type of examinations that will be conducted in it.
- The lighting shall be commensurate with the type and size of the work and sufficient to illuminate all sections of the laboratory.
- The design of the walls, floor, and ceiling of a smooth material that is easy to clean. The floor should be designed from a non-slip material, not leaking water, and resistant to interaction with disinfectants, acids, and solvents.
- Provide all laboratory rooms, especially the room designated for microbial farm work, with ultraviolet detectors, with the aim of permanent disinfection and sterilization of them in the event of leakage after completion of the work, in addition to providing them with a safety cabin and filters.

- Biological safety cabins must be appropriately installed (away from doors and windows).

Occupational safety and health conditions

- ✓ Protective means must be available
- ✓ Allocating special places to evacuate people in the event of a fire



- ✓ All emergency exits are lit up automatically
- ✓ Putting stickers on each door of the laboratory rooms to prevent the entry of non-workers.



Laboratory quality system

The basic process of the laboratory is the initial process that consists of three stages:

The pre-analysis phase (taking the sample, receiving it in the laboratory, recording, and processing it)

The analysis phase (the actual laboratory examination and recording of the result).

The post-analysis phase (clearing the result, reporting on it, and saving it) In archives, disposal/preservation of the sample).

Quality standards in medical laboratories

- Get accurate test results.
- The patient is satisfied with the services provided by the laboratory.
- Follow safety and prevention standards, especially in the hematology department, to prevent the transmission of diseases to workers and patients who undergo medical tests.
- Laboratory hygiene, and the use of medical gloves, especially when drawing blood samples from patients
- Putting a sticker on each sample bearing the name of the patient, the type of sample, and the examination required to be performed.
- Using correct and modern scientific methods in conducting analyzes.

Strategic Planning

A mental process that analyzes the internal and external environment of an organization.

Benefits:

1. Clarification of the future and predicting events
2. Predefining job options
3. Promote teamwork and accumulation of experience
4. Properly employing financial capabilities to achieve the best results
5. Improving the organization's perf.

Question:

1. Which laboratories caught your attention, and why?
2. The worst planning for any laboratory? And what's the reason?

Quality plans means:

Direction of work .

A list of items required, things to be done, or points to be considered, used as a reminder.

Clause of work interpretation clause

All resources and their schedule

Suppose you work in a medical lab and you draw a blood specimen from a patient. What stage of the medical lab do you do when you take this blood specimen?

Pre-analytical

Analytical

Post-analytical

Past analytical

Which of the following is listed as a medical laboratory requirement in the procedures manual.

The policy of the medical lab

Education requirements for laboratory workers'

Medical lab message statement