

Current System

The current Clinical Laboratory Management System is manual base system which is almost all works on the laboratory organization is accomplished by papers. And the other one is data-security, the data's can be accessed anyone who entered to the medical lab. House as friends, other Humans without the volunteer of the doctor.

The laboratory worker in tedious situation because of the upper reasons. Not efficient on arrange test on the shelf meaning arrangement method is difficult to take in mind.

Also, there is a difficulty on store the data which wastes resources as well as time to retrieve the necessary data from the manually based data system. So, generally the current system does not arrange patient's appointments, sample pickup data in systematic way, security for the data is low.

The laboratory system will implement by the laboratory unit of the organization. At present, manual system is being utilized. This system requires the laboratory In-charge to manually monitor each test that is available in the laboratory self. This involves manually entry up on arrival of batches of test and upon test's movement out of the unit, for example, dispensing to patients or product recall or loan to other clinics.

Upon a certain period, such as month, the lab in charge is required to generate reports on the movement of tests done etc. Significant amount of time is allocated for writing these details needs to go through the paper records. This usually led to mistakes. Thus, in this aspect, the workload of a lab in-charge increases. As a result, sometimes, patient care, in terms of counseling, is compromised due to time constraints.