

Quality assurance in MBL

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Abstract

The medical biology examination has an important place in the patient's care. Indeed, 70% of diagnoses and therapeutic decisions are made on basis of biological analysis results. This is why the search for quality has become a concern for many laboratories.

Quality assurance has been defined according to ISO as “a part of quality management aimed at providing confidence through compliance with the requirements for quality. The set of pre-established and systematic activities necessary to give appropriate confidence that a product or service will satisfy the given requirements for quality” (ISO900V2015). This definition brings out the notion of confidence: the customer (patient and/or prescriber) must have proof that the laboratory has the necessary means to control the risks of malfunction and errors.

To achieve this customer satisfaction and confidence, the

implementation of a quality management system in a medical laboratory is therefore useful, regardless of the type of standard to be implemented, ISO 9001 or ISO 15189. Some laboratories have already successfully implemented the system, with different technologies depending on the laboratory.

During our presentation, we will present the key elements of a quality management process in a medical biology laboratory, from staff training, control of the analytical phase to the implementation of an internal quality control as well as the management of Equipment, reagents and consumables.

Biography



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Medical Biologist

- Professor of higher education in immunology in the Faculty of Medicine and Pharmacy of Casablanca.
 - Head of the immunology laboratory at the CHU Ibn Rochd of Casablanca
 - Technical Auditor of Laboratories according to the Standard 15189 qualified by SEMAC (Moroccan Service of Accreditation) in June 2014.
 - Founding President of the Moroccan Association of Biologists for Quality - AMABIQ
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