

Abstract

The Benefits of ISO/IEC 17025 Accreditation of Radiopharmacy laboratory

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Laboratory is a part of the Department of Pharmacy in the Faculty of Medical Sciences, at the Goce Delcev University in Štip. Main activities are focused on improving knowledge for radiopharmacy of bachelor students, master students and doing PhD thesis. Also, we are trying to provide services for external associates as a testing laboratory.

As a developing country, we are facing with the begging's of the process of accreditation. The accreditation process is a lengthy and time consuming method. There isn't specific time frame for preparation for accreditation.

We incorporate an overall system for technical and quality management, which results in benefits observed in daily laboratory practices. With ISO 17025 standard incorporation we achieve traceability of the whole documentation, daily good working plan, including preventive and corrective actions and we are doing training and education of laboratory stuff for better work conditions and best protection.

Benefits of getting MKC EN ISO/IEC 17025 certificate can be differentiate on three different angles: benefits of customers, laboratory personnel and laboratory itself. Our first aim is to show to the customers the benefits obtained from uniformity, quality, precision and confidence of developed results in our laboratory. Other benefits for laboratory are International Recognition, Prevents Defects, Increased Accuracy, Cost Savings and Reduced Waste.

Laboratory accreditation is a challenging process and the commitment of top management and staff involvement will determine the success of its implementation. Future perspectives are to became part of proficiency testing and begin to use validate methods.

Key words: Benefits, laboratory, radiopharmacy, accreditation, ISO/IEC 17025