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Accreditation of the Laboratory of Radiopharmacy – requested requirements or need of challenge

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The main field in which the Laboratory of Radiopharmacy has focused after the establishment in 2011 is to introduce a new molecules as a potential radiofarmaceuticals, labeling with radioactive and not radioactive isotopes, defining their structure and especially chemical and radiochemical identification of potential impurities. In the same time carefully implementing radiation safety program for controlling laboratory environment. The Laboratory is deeply involved in the educational program in all cycles of academic degrees following a few international and local research projects.

Fig. 1 Laboratory of Radiopharmacy

Fig. 2 HPLC

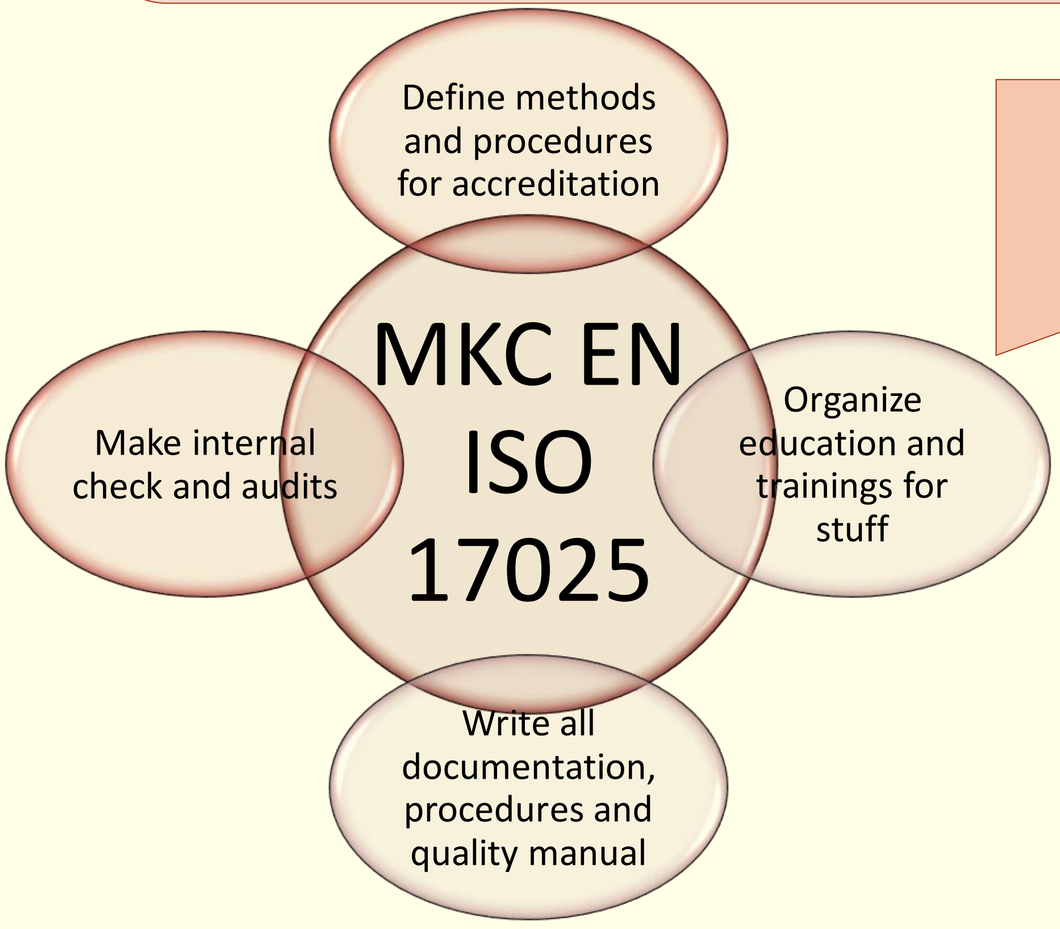
Fig. 3 Dose calibrator

Fig. 4 Storage phosphor system

Our Laboratory of Radiopharmacy currently is in the phase of implementation of the General requirements for the competence of testing and calibration laboratories of the Standard MKC EN ISO/IEC 17025. In the same time we are preparing the first method that will be applied to as ISO recognized.

The laboratory staff is educated and trained in the national and international programs in the field of Radiopharmacy and Radiochemistry, as well included in the training courses dedicated to the implementation the standards and quality assurance providing additional effectiveness in the work.

We are expecting that the implementation of ISO/IEC 17025 as part of laboratory quality initiatives will provide both, recognized laboratory in a medical and clinical application including professional benefits, and have important rule in the research and educational field, have an access to more agreements for testing and improved national and global reputation. In the same time constantly to expand data quality and laboratory effectiveness.



Conclusion

We are expecting that our Laboratory of Radiopharmacy will finish the first step of accreditation until June 2016 and be able to continue on the same road of good recognized work following already accepted standards and to have full access and confidentiality to the national and international research and clinical activities