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Introduction

- The implementation of quality control procedures, at an academic laboratory, relies on a system that flows information to scientists, staff and students in a clear and accountable manner, based in Standard Operation Procedures (SOPs).
- The organization and implementation of new methodologies, in a new laboratory, implies the definition of a work culture and structure from inception to completion.
- Once training is successfully completed, the user is approved and qualified as competent user.

Methods

- All users have the onboarding training to laboratory work, which is the *Induction*.
- Each person receives a starting pack of documents: *Training Record*, *Welcome Laboratories* and *Laboratory Safety Handbook*.
- The SOPs are regularly updated and improved to reflect any significant changes.



Implementation of a pre-Good Laboratory Practice management system

Common laboratory problems

- Health & safety requirements
- Systematic errors
- Low accuracy
- Diversity of procedures



Results

- Uniformity
- Consistency
- Reliability
- Reproducibility
- Quality
- Integrity of data
- Robustness of results

- The pre-GLP system is an adaptation of the quality system in place at the Jenner Institute, University of Oxford.
- All equipment's, procedures and protocols are available as SOPs.

Conclusions

- We successfully implemented a new quality pre-GLP management system at Católica Medical School.
- The system allows all users to be trained in different methodologies in an accountable manner.
- The management system is a step forward in quality assurance and standardization of methodologies towards GLP.

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