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Implementation of an in-process control environmental monitoring tool for aseptic and sterile production at the CHUV pharmacy

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Background

• The CHUV produces **30,000** aseptic compound preparations annually in a class A environment, requiring strict **environmental monitoring** (Appendix 1 of GMP).

• The current control plate management system is no longer suitable and complicates the compilation of non-compliance statistics.

• A new tool is needed to record in-process control plates, manage non-conformities, make trending more visual and generate statistics quickly.



Objective



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To develop and validate a user-friendly and reliable tool based on the SharePoint platform by integrating security features such as audit trail, coding of sessions and plates.



improve operator compliance environmental with То monitoring in cleanrooms

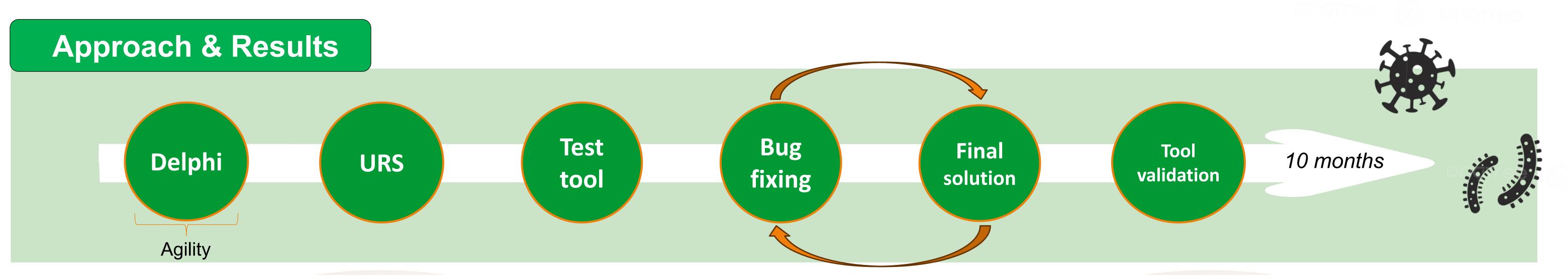
To be able to generate precise, visual and usable statistics for environmental monitoring of IPC in Grade A environment.

Conclusion

羽 The validation step enabled us to perfect the tool.

The developed tool is ergonomic, built on the basis of a Delphi system which has allowed an increase in compliance.

Trend analysis encompasses operators and equipment R contamination monitoring to ensure the control of the aseptic manufacturing processes. 0



Method: Writing of validation documents Ο • Process of validation

Results:

 Validation protocol reviewed approx. 20 times • Protocol execution by 6 people • 4 documentary and **1** critical deviations

Method:

Interview with the QC manager before and after the project

Results:

Statistics can now be extracted and analyzed 0 in 30 minutes, previously 4 hours. • Statistics are more visual, and trends are semi-automated

CONGRÈS

GSASA

