

Introduction

- Inspired by the « error chamber »
- Use of DrugCam® : video capture system since June 2017 in our Centralized Cytotoxic Reconstitution Unit (CCRU), which is interfaced with our Chimio® software for the validation of the critical steps of the preparation
- Willingness to use DrugCam® to film preparations directly in the isolator and preserve this training tool for a long time

Main objectives

- Raising awareness of good practices of chemotherapy among pharmacy technicians
- Safety of chemotherapy preparations
- Project that is part of the continuous training of pharmacy technicians in order to assess practices

Material & Method

1: Preparation of scenarios and necessary material and thinking on the errors

2 : Making video recordings of the preparations

3 : Editing of videos and realization of a power point as a training tool

4 : Organization of the training sessions



Preparation of the chemotherapy by the pharmacy technician who is referent for the training of the CCRU

3 « error » videos with their correction:

- **Video 1** : preparation of a fluorouracil chemotherapy bag → **14 errors**
- **Video 2** : preparation of a cytarabine syringe → **6 errors**
- **Video 3** : preparation of a cisplatin chemotherapy bag → **11 errors**

Groups of 2 or 3 pharmacy technicians per session

→ time for a **discussion** between each video, **corrections** and **reminder of good practices**

→ Most of the errors were inspired by errors already reported

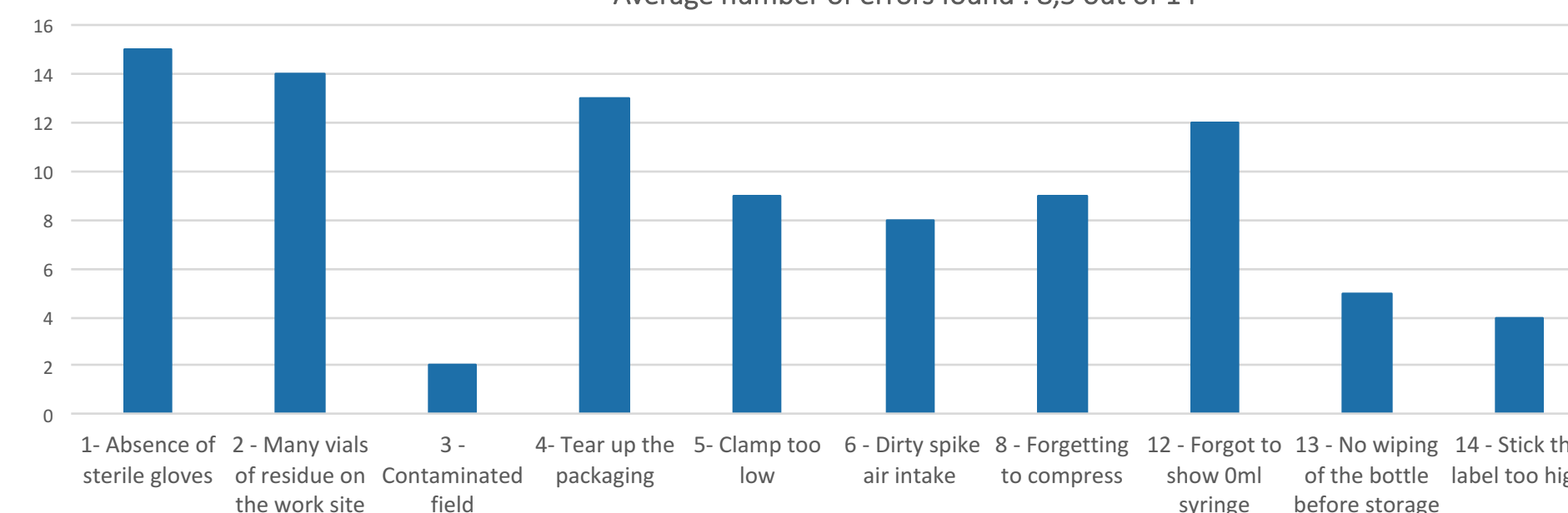
Conclusion

- **100% satisfaction** especially thanks to "innovative" video format
- Tool for formation of new arrivals
- Project could be adapted to other types of preparation

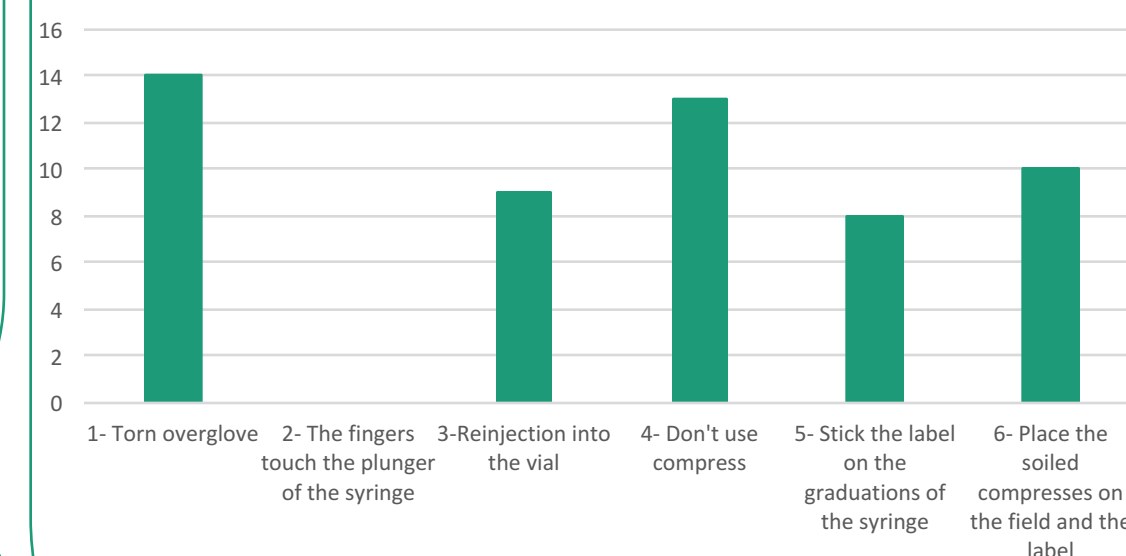
Results & Discussion

→ All pharmacy technicians trained within our CCRU evaluated: n = 15

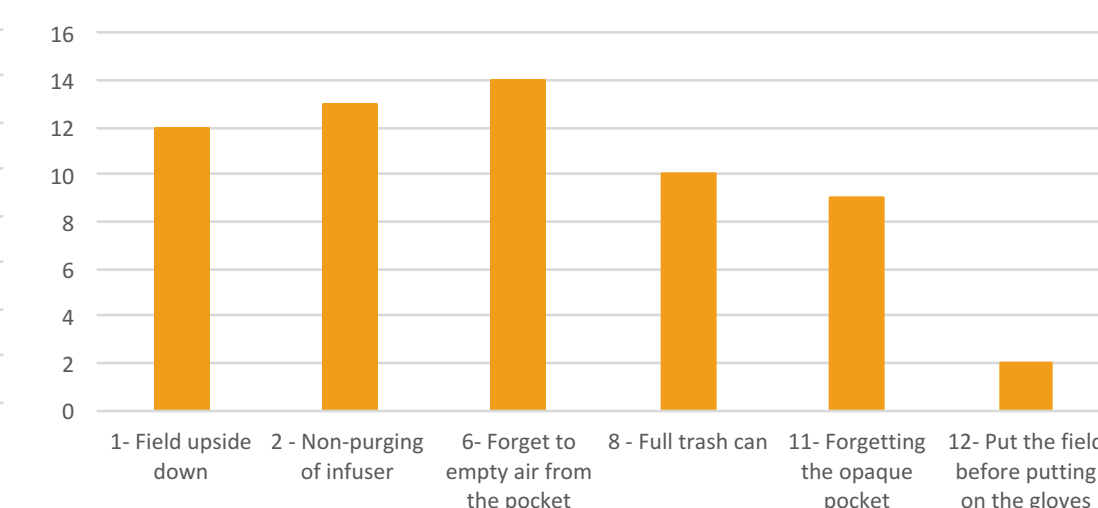
Number of answers of video 1
Average number of errors found : 8,5 out of 14



Number of answers of video 2
Average number of errors found : 3,7 out of 6 errors



Number of answers of video 3
Average number of errors found : 7,6 to 12 errors



✗ Difficult to detect errors in video and poor video quality