

Feedback :

Is it useful to watch all DRUGCAM® videos before delivery ?

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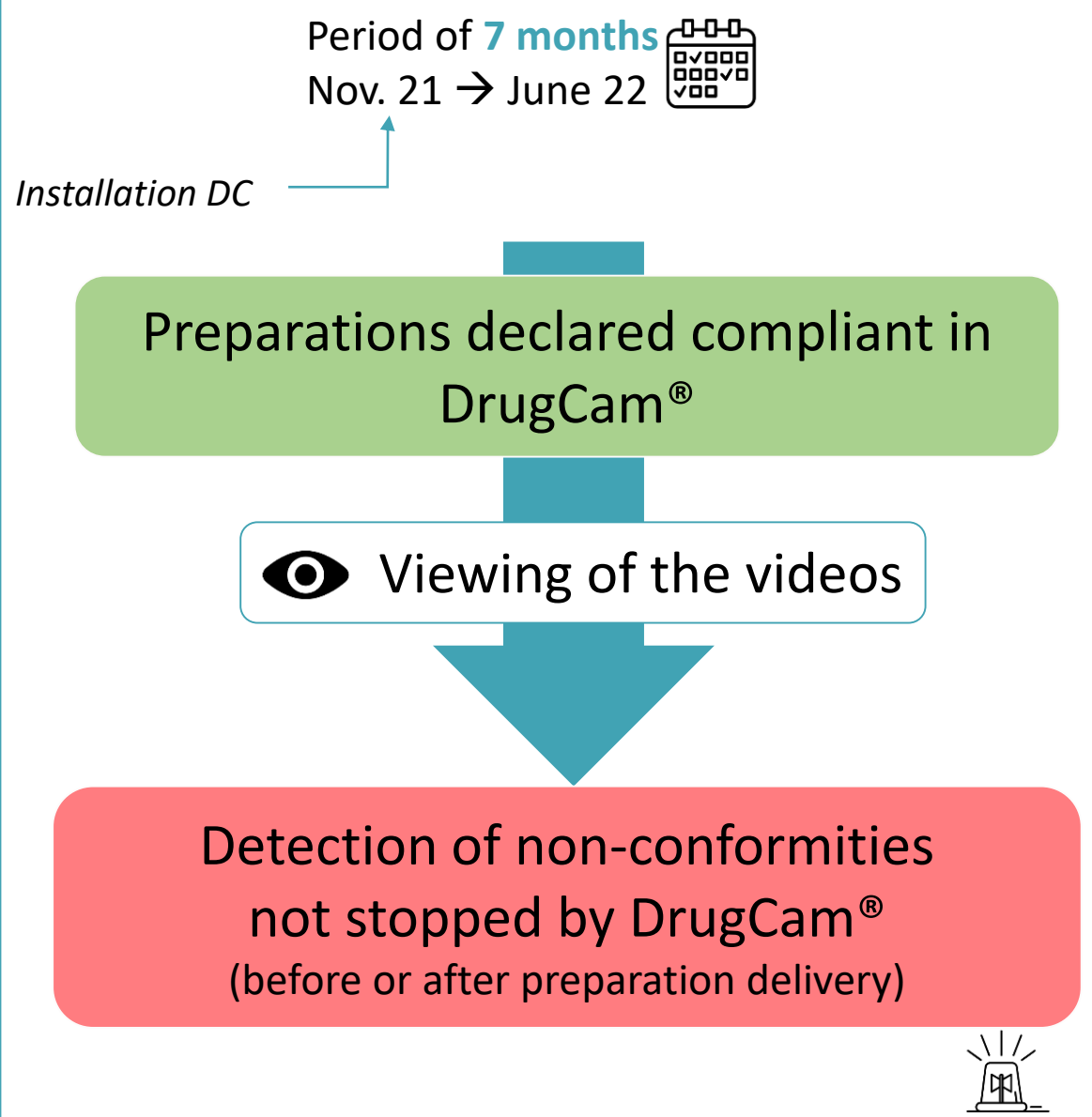
Context

- DrugCam® (DC) installation in our Anti-Cancer Drug Preparation Unit (ACDPU)
 - Per process control of key steps + Scenic video recording of the preparer's movements ⇒ Securing preparation steps
- Viewing of the videos ⇒ heterogeneity among centers: before or after preparation delivery, systematically or in case of doubt/problem
 - ↳ Our ACDPU ⇒ **Heterogeneity among pharmacists** : the entire video or certain steps (anticancer injections)

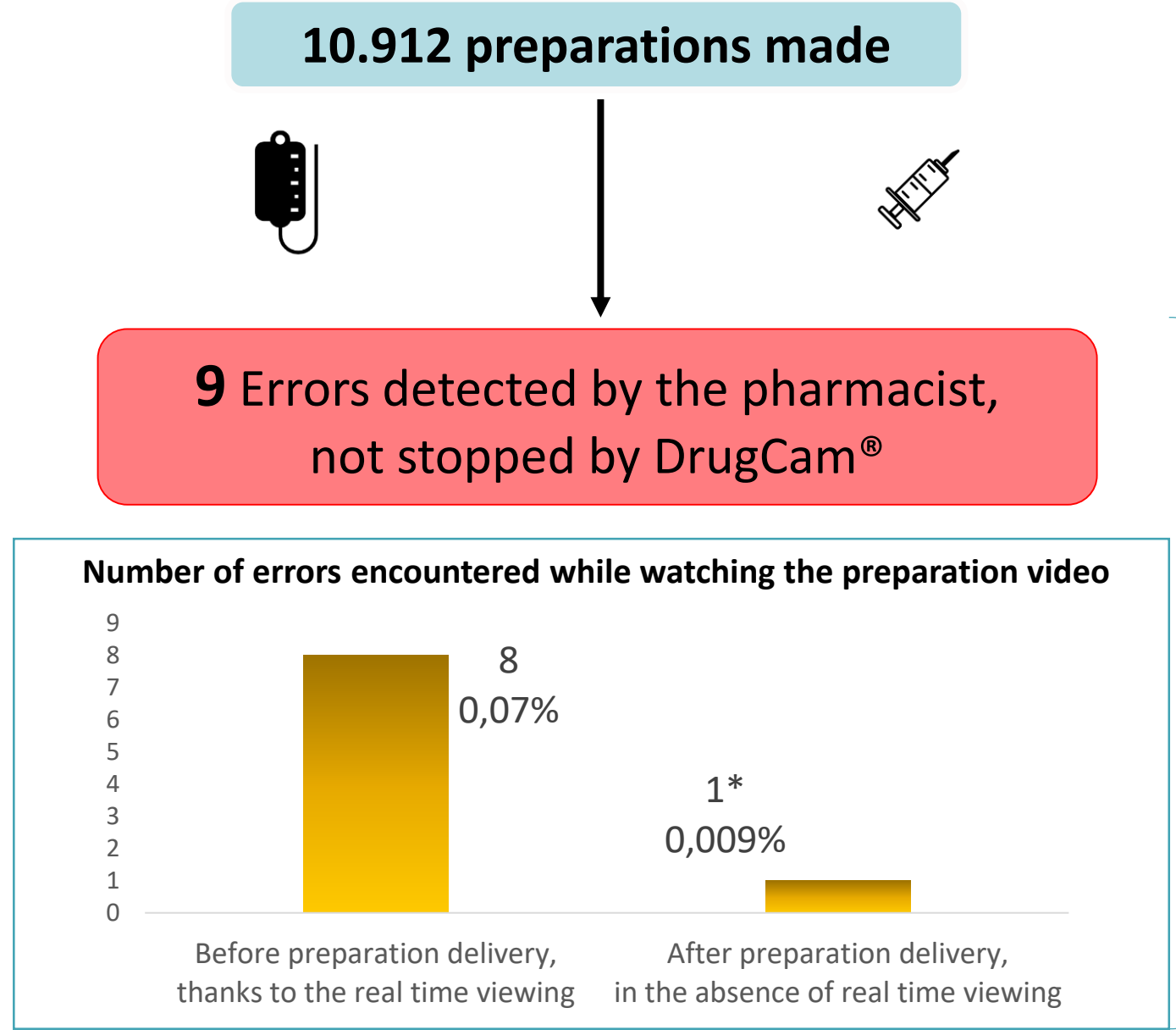
Objective

Determining if the verification of the entire preparation video should be systematically performed before the preparation delivery.

Method



Results



Types of errors encountered while watching the preparation video

| Type of error | Quantity | Description |
|--|----------|--|
| Uncontrolled volume of anticancer or solvent | 3 | Injection of the sampled volume before presentation to the camera Duping of the system by presentation of a syringe filled with air |
| Incomplete or no final anticancer dose | 3 | Volume taken from the solvent bag instead of the anticancer vial, then reinjection |
| | 1* | |
| Badly reconstituted a lyophilized product | 1 | Sampling of the dilution solvent instead of the reconstitution solvent |
| Wrong final concentration | 1 | Solvent withdrawal when an addition was expected. |

* The video was viewed in its entirety after a backlog error was detected

Discussion

- Low number of errors, but **significant consequences** for patients
- Probable non-conformity of compliant preparations in DrugCam® + Heterogeneity of the delivery method
- ↳ **Probability of non-complying preparations dispensed and administered to the patient**

Conclusion

- The "human" errors concern all the critical steps of the preparation
 - ⇒ **Systematic review of the entire preparation video seems essential.**
- ✓ 2nd pharmacist in charge of reviewing the complete videos in real time
- ✓ Flowchart standardizing the procedures to be followed in the event of a forgotten volume presentation