



# Focus on continuous training for on-call pharmacists : tailored resources and personalized training for safe validation and manufacturing of cytotoxic products

L. ZHENG, A. GOUBIL, P. CHAPRON, E. CLAPEAU, C. FRONTEAU, N. CORMIER  
Nantes Université, CHU Nantes, Pharmacie, F-44000, France



## INTRODUCTION

- 2022-2023 : **600 to 700 injectable cytotoxic preparations** manufactured at weekends and on public holidays during **oncology pharmaceutical coverage**
- On-call pharmacist accreditation: initial (theoretical and practical) and continuous training

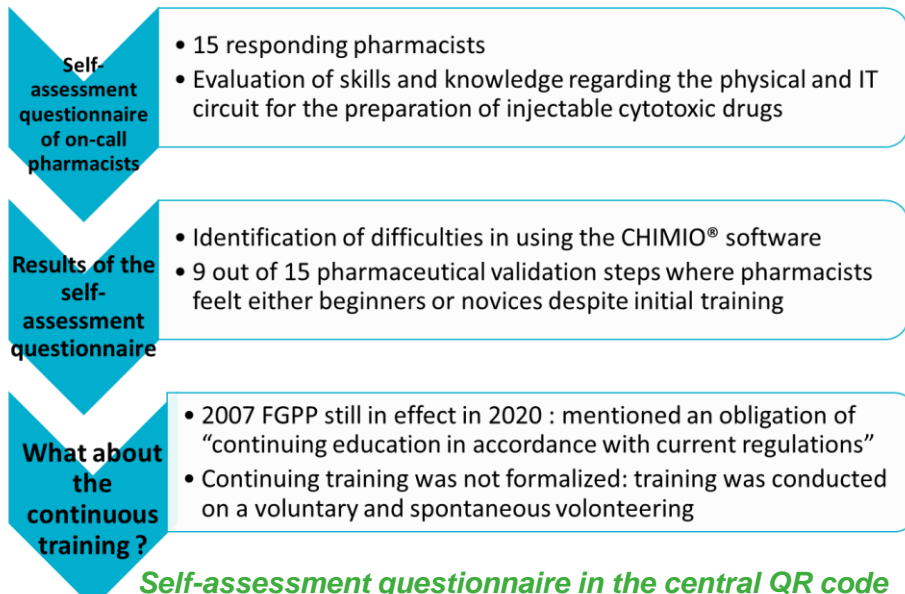


## OBJECTIVES

- State of play of des **continuous training materials**
- Improving the content** of these materials regarding **the changes in our service and in accordance with 2023 French Good Preparation Practices (FGPP)**

## MATERIALS AND METHODS

2020



*Self-assessment questionnaire in the central QR code*

## RESULTS

- Tutorial videos** : creation of tutorial videos on pharmaceutical validation and basic actions for using the CHIMIO® v6 software with Canva® + Screenpresso®: modifying the batch number of a vial of a prescription, modifying the dose of a prescription, modifying a vial batch on an already printed manufacturing sheet, recreating an identical preparation, regenerating a prescription, applying a standard dose
- Personalized training** by scheduling slots on the website RDV360: 1.5-hour session every two weeks from the beginning of the second quarter of 2024 → **overall satisfaction** from the first scheduled sessions
- Biannual newsletter** on the pharmaceutical technology sector including the Cytotoxic Reconstitution Unit, the Manufacturing and Control unit, and the Innovative Therapy Medications unit : the 1st edition 2024 was released in May 2024 (*scan the central QR code*)

## DISCUSSION-CONCLUSION

2020 : Overall dissatisfaction with the level of training	2024 : definition of an ongoing training program (2023 FGPP)	Prospects
Creation of tutorial videos on the CHIMIO® v5 software : positive feedback from on-call pharmacists, finding the videos clear, meeting their needs, and accessible at any time	Updating existing tutorial videos and creating new ones as CHIMIO ® software upgrades to v6	Satisfaction surveys in the pipeline
Annual newsletter implementation idea	Launching of the biannual pharmaceutical technology sector newsletter	
	Setting up customized training courses on RDV360	