

BACKGROUND

The cytotoxic reconstitution unit (URCC) of Mayotte hospital is facing **organization disruptions** due to :

- A high turnover of pharmaceutical and medical staff
- Absence of a robust oncology network

However there are very clear **national regulatory requirements in terms of quality and safety of care.**

ChimioPREP® : a standardized tool provided by the Regional Health Agency of Ile-de-france (ARS IDF) that evaluates the process of preparation of cytotoxic drugs

→ **Goal : improve the quality and security of the current preparation process of cytotoxic drugs**

MATERIALS AND METHODS



Day 1 : audit by using ChimioPREP® : questionnaires generating risk control scores

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Elaborating and implementing a quality and security improvement plan

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5 months later : second audit using ChimioPREP®

Multidisciplinary evaluation team
PLAN – DO – ACT – CHECK

RESULTS

Day 1

Steering and Management : 77%



Staff – Training – Evaluation (80%)
 Controlled atmosphere zone (ZAC) – Equipements (100%)
 Communication (100%)



Quality – Hygiene – Risk control (73%)
 Information systems (60%)
 ZAC – Facilities (74%)



Processus : 65%

Prescription (50%)
 Pharmaceutical validation (78%)
 Storage (56%)
 Control – Liberation (76%)
 Administration (75%)



Preparation (37%)
 Delivery – Reception (47%)



Steering and Management : 80% **5 months later**



Staff – Training – Evaluation (80%)
 ZAC – Equipements (100%)
 Communication (100%)
 Quality – Hygiene – Risk control (82%)
 Information systems (82%)
 ZAC – Facilities (77%)



Processus : 73%



Control – Liberation (89%)



Prescription (50%)
 Pharmaceutical validation (78%)
 Storage (56%)
 Administration (75%)
 Preparation (53%)
 Delivery – Reception (67%)

PERSPECTIVES AND CONCLUSION

ChimioPREP® : a tool helping to improve risk control during the process of preparing cytotoxic drugs

Some risk control scores are still unsatisfying (for example : preparation) → **further improvement actions are planned** :

- Work on the premises, installation of new equipments
- Revision of workflows
- Drafting of new procedures