

1 BACKGROUND

In a University Hospital Centre, preparing 70,000 injectable anticancer drugs per year, several recent exposure incidents revealed insufficient mastery of the internal procedure among healthcare professionals.

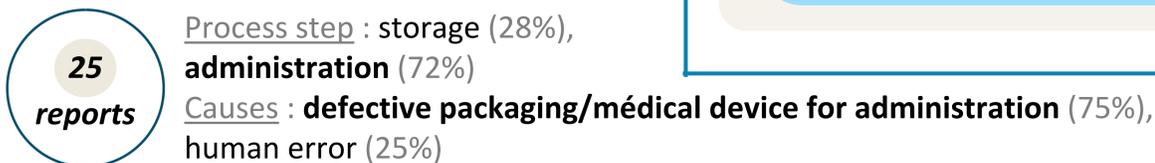
2 AIM AND OBJECTIVES

Situational assessment aimed at :

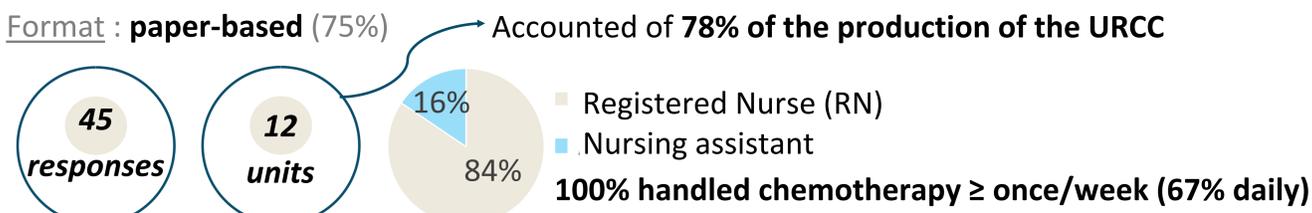
- ✓ Evaluating knowledge;
- ✓ Proposing appropriate actions to optimise the management of these incidents

4 RESULTS

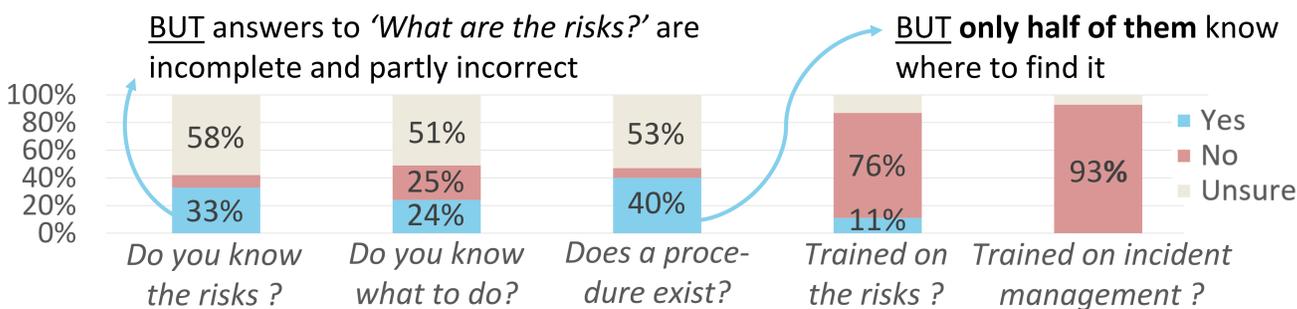
A) DECLARED INCIDENTS (2022>2025)



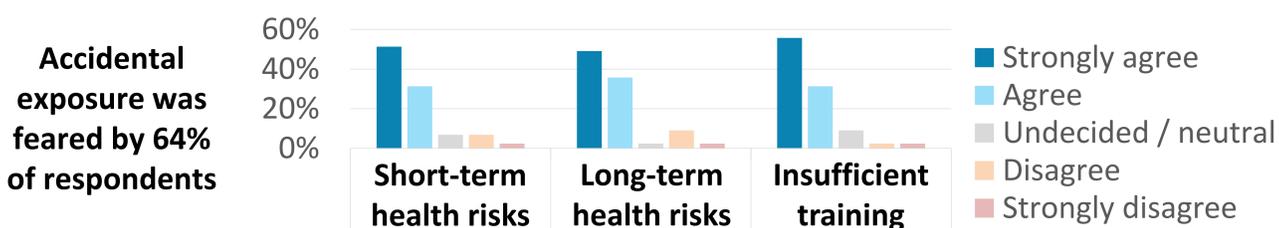
B) QUESTIONNAIRE-BASED SURVEY



RISKS & MANAGEMENT OF CHEMOTHERAPY SPILLS: KNOWLEDGE ? TRAINING ?



HEALTHCARE STAFF CONCERNS



5 CONCLUSION AND RELEVANCE

- + Increased staff awareness and engagement
- + Needs identified → tailored tools, training needs
- + Gaps highlighted → underreporting, knowledge gaps
- Summer period → reduced staff availability
- Paper-based format → limited response to open-ended questions, logistical issues

SPECIFIC ACTIONS DEFINED

- Reissuing the procedure
 - Implementing decontamination kits (including a quick-reference sheet)
 - Dissemination of results (to pharmacy & nursing teams)
 - Staff training
- ⇒ Subsequent assessment of actions effectiveness

3 MATERIAL AND METHODS

A) ANALYSIS OF DECLARED INCIDENTS

Collaboration with the Quality Department to extract adverse events and materiovigilance reports:

- Period: 01/2022 to 07/2025
- Keywords: chemotherapy, spills

n = 46

Review/selection of chemotherapy exposure incidents reports

25 reports

B) QUESTIONNAIRE-BASED SURVEY

- ✓ Respondent profile
- ✓ Knowledge & training on risks
- ✓ Knowledge & training on incident management
- ✓ Experience feedback
- ✓ Concerns & perceptions
- ✓ Support needs

Data collection period: July – August 2025

Target population: nursing staff handling chemotherapy

Format : paper or Google Form → 6 sections, 39 items

EXPERIENCE FEEDBACK OF CHEMOTHERAPY EXPOSURE INCIDENTS

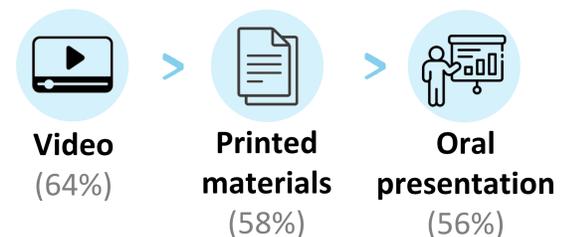
22 experience feedback (/45 responses)

Among staff contamination cases, only 23% were reported to Occupational Health

14/45 (31%) had personally experienced a chemotherapy exposure incident

HEALTHCARE STAFF EXPECTATIONS TRAINING

89% report a need for training on risks (11% undecided) & 98% for training on incident management (2% undecided)



OPERATIONAL TOOLS

Quick-reference sheet (87%)
Procedure (60%)
Ready-to-use decontamination kit (87%)

SCAN ME



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