How to use mistakes to improve operators' knowledge?

A "room of errors" to improve operators' knowledge in a cytotoxic production unit

Alexandra Garnier^{1,2}, Louise Butaye³; Pascal Bonnabry^{1,2}, Lucie Bouchoud¹

¹ Pharmacy, Geneva University Hospitals, Geneva, Switzerland

² Institute of Pharmaceutical Sciences of Western Switzerland, School of pharmaceutical sciences, University of Geneva, Geneva, Switzerland ³ Pharmacy, Saint-Luc University Hospital, Brussels, Belgium

Objective

Create a training to upgrade operator's knowledge of internal procedures

Pedagogical strategy

Using a «room of errors» reconstituting a cytotoxic production unit (CPU)

Conclusion

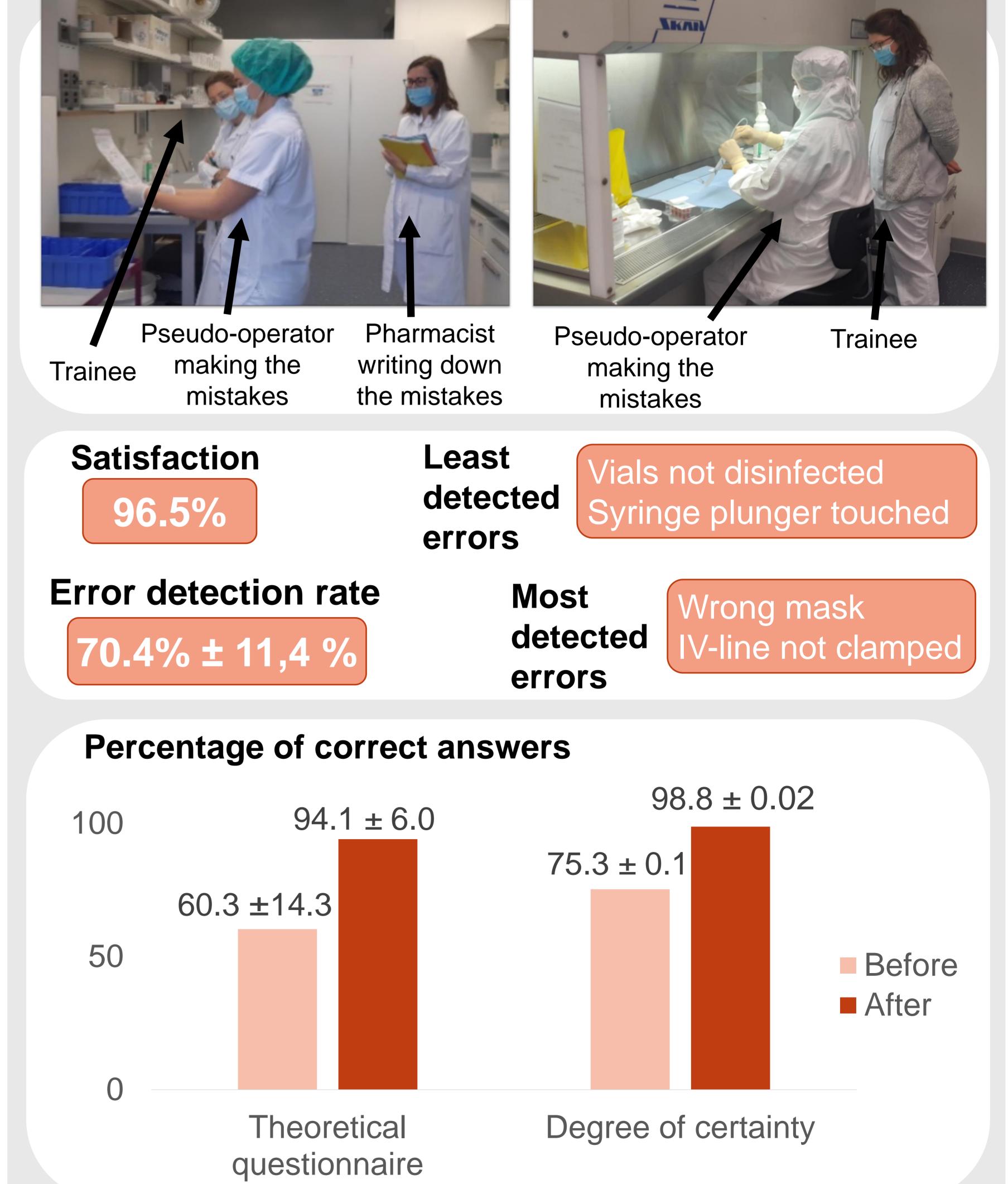
Simulation tool playful and pedagogical Effective in improving operator's knowledge Raises awareness through errors in a guilt-free context

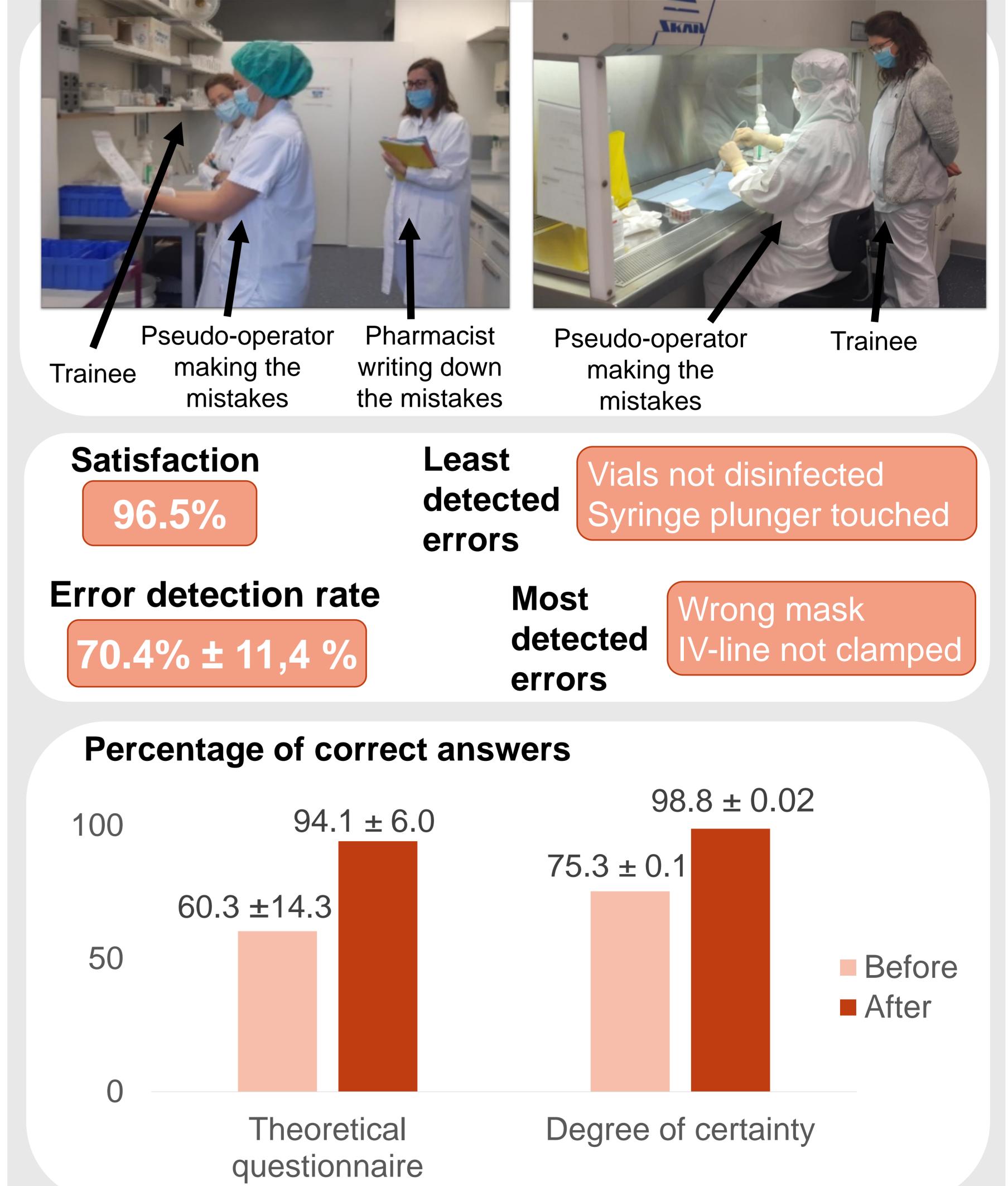
Methods

Briefing (10 min)

- Rules of the game
- Values of mutual respect

Results **Pictures of the simulation exercise**





Guided tour of the simulation facilities

Pre-test (15 min)

 Multiple choice questionnaire about GMP and procedures (18 questions) Degree of certainty (0-100%)

Simulation exercise (20 min)

 25 errors compiled from internal procedures, literature and reported incidents \rightarrow 7 static errors (visible anytime) \rightarrow 18 dynamic errors (made by a pseudooperator)

 Participants watched the pseudo-operator in a chemotherapy process and told out loud the spotted mistakes

The pharmacist writes them down

Debriefing (20 min)

Errors reviewed to anchor knowledge

Theoretical + satisfaction survey (10 min)

 Post-test (same as pre-test) Satisfaction questionnaire (17 questions) Likert scale 1-6)



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