

Room of horrors 2.0: implementing and adapting error simulation workshops in Neurology and Cardiology

Noémie Ratsimalahelo^{1,2,3}, Alma Feka¹, Nancy Perrottet Ries^{1,2,3}, Farshid Sadeghipour^{1,2,3}

¹Pharmacy Department, Lausanne University Hospital and University of Lausanne, Switzerland, ²School of Pharmaceutical Sciences, University of Geneva, Switzerland

³Institute of Pharmaceutical Sciences of Western Switzerland, University of Geneva, University of Lausanne, Switzerland



Background

2022

Success of a "room of horrors" focused on opioids in the geriatric unit of our hospital

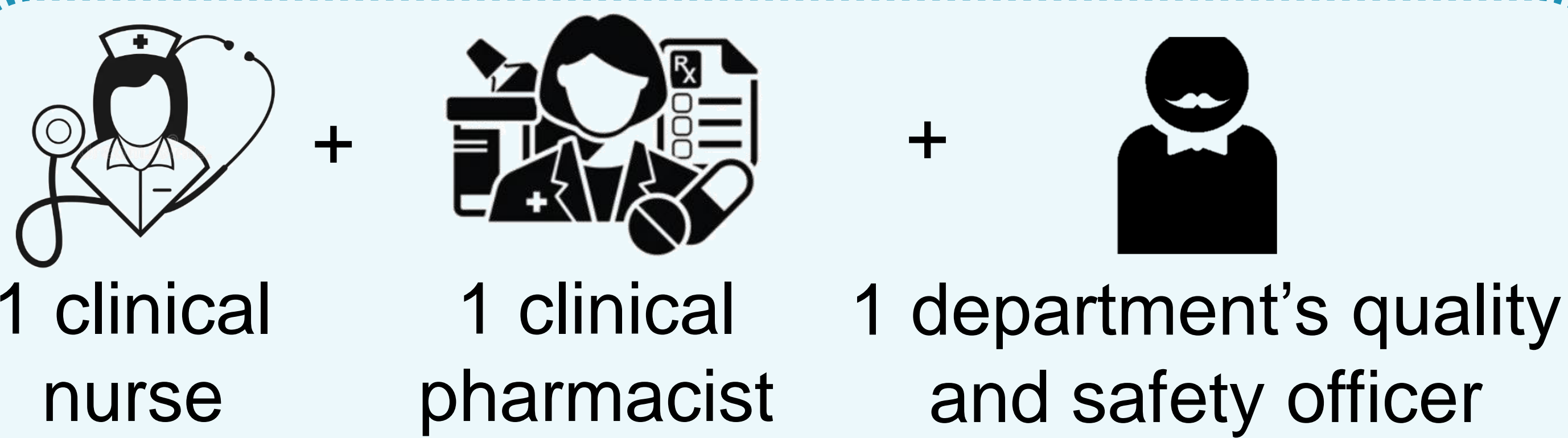
Objectives

2024

Urgent need to extend this interactive learning tool to other departments and to other drug classes

Neurology

How was it done?



- 16 hidden errors / 12 topics concerned
- For : nurses and care and community health assistants of all the department
- Scenario: patient admitted after an ischemic stroke
- Satisfaction questionnaire to complete

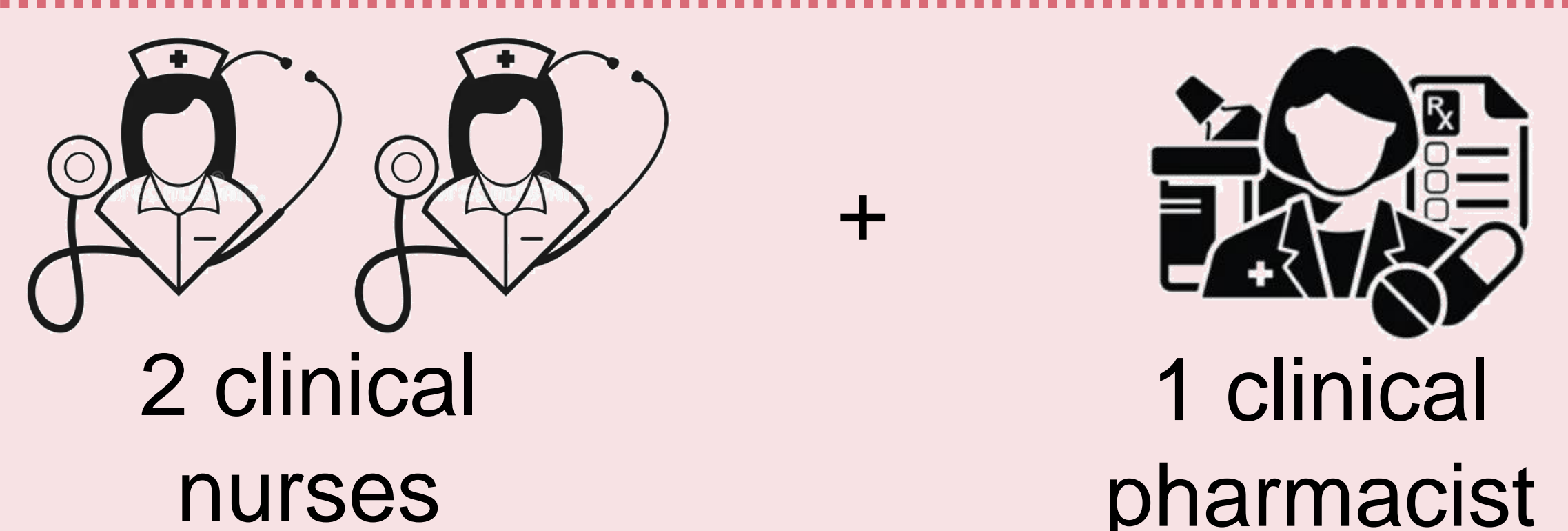
What was achieved?

- 10 sessions / 45 participants
- **Reminder** : Good preparation/administration practices and available ressources
- **Satisfaction** : 9/10

45 minutes workshop (briefing, practical simulation and debriefing)

Cardiology

How was it done?



- 11 hidden errors / 8 topics concerned
- For : nurses and care and community health assistants of all the department
- Scenario: patient admitted for acute heart failure
- Satisfaction questionnaire to complete

What was achieved?

- 10 sessions / 43 participants
- **Reminder** : Good preparation/administration practices and available ressources
- **Satisfaction** : 9/10

Recurrent undiscovered errors in both scenarios

Opioids double-check

Drug allergies

Drugs incompatibility

Hazardous drugs

Unidentified tablet

Drug secability

Conclusion



Learnt lessons

- Inexpensive
- Simple to conceive
- Playful learning exercise

Great interdisciplinary collaboration



In the future

- Coverage of new topics
- Computer version of the room of horrors ?

