

# Automated dispensing cabinets: What barriers and opportunities for improvement ?

## Identifying barriers and opportunities for improvement in nurses' use of automated dispensing cabinets: a focus group study

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### Objectives

- Assess nurses' experience with ADCs
- Identify key barriers
- Prioritize critical issues
- Define improvement opportunities

### Conclusion

- ADC challenges persist over time
- Key issues involve overrides, controlled substances, and system interpretation
- Standardized training and technical optimizations are needed and will be developed

### Methods

#### Sampling



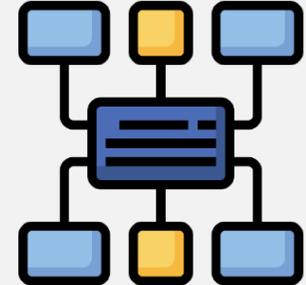
- ✓ Selection of eligible wards
- ✓ Communication to the teams
- ✓ Selection of participants

#### Interviews



- ✓ Group interviews: 6 to 8 participants, 1 moderator, 1 observer
- ✓ 4 groups (n = 27):
  - 1 group of team leaders (n = 7)
  - 3 groups of nurses (n = 20)
- ✓ Duration: 1h30
- ✓ Standardized interview guide
- ✓ Individual reflection on sticky notes followed by group discussions

#### Data analysis



- ✓ Data anonymization
- ✓ Pooling results of the different groups
- ✓ Classification by themes in a concept map
- ✓ Identification of priority themes

### Results

