

# Robotics and chemotherapy : what impacts on staff quality of life and working conditions (QWLC)?



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## Introduction

General production room :

3 double-post isolators

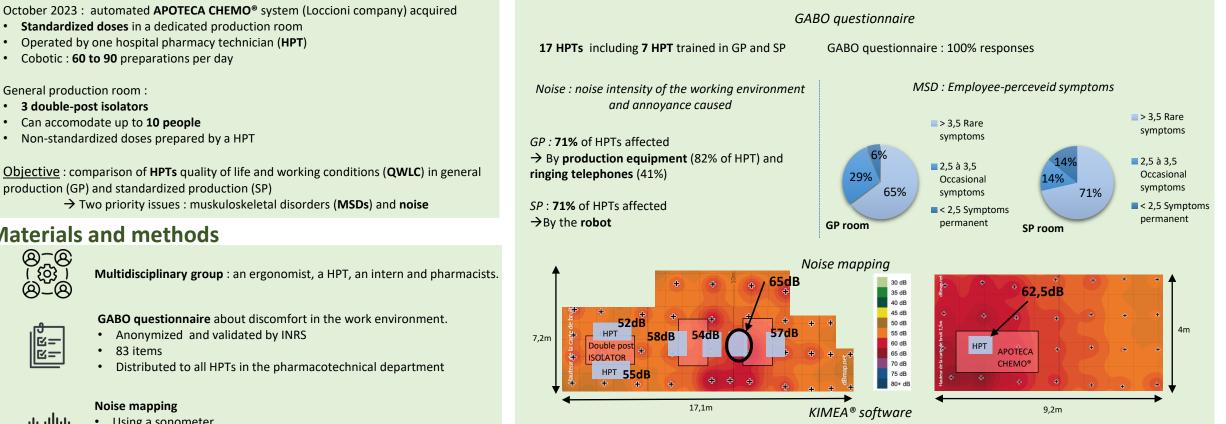
Can accomodate up to **10 people** 

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### Results



The analysis of **14 videos** produced with KIMEA<sup>®</sup> software on **7 HPT**, GP and SP activity, is currently ongoing.

### **Discussion and conclusion**



Most disturbing noises : production equipment.

KIMEA® analysis enables a comparison of the HPT working methods in GP and SP

Preventive actions are needed to reduce noise and exposure to MSD





R=

Multidisciplinary group : an ergonomist, a HPT, an intern and pharmacists.

GABO questionnaire about discomfort in the work environment.

- Anonymized and validated by INRS
- 83 items
  - Distributed to all HPTs in the pharmacotechnical department

3 consecutive measurements of 1 minute 30 seconds

#### Noise mapping

Using a sonometer

**Evaluation of MSDs** 

**RULA** method

• In general production (GP) and standardized production (SP) rooms

• Using KIMEA® software (Moovency), connected sensors and a camera

• HPT posted in GP and SP