

# EVALUATION OF THE ROMEO® HANDLING AID AND ITS IMPACT ON THE PREVENTION OF MUSCULOSKELETAL DISORDERS

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## BACKGROUND

- Over the last 5 years, our chemotherapy production has increased by 17% while the number of hospital pharmacy technicians (HPTs) is **constant** => **greater demand** on HPTs => cause of **musculoskeletal disorders** (MSD)
- In order to prevent this phenomenon, we have equipped ourselves with a Romeo® handling aid

## OBJECTIVES

**Primary objective** = to evaluate the interest of the ROMEO® system in current practice during the production of anticancer chemotherapies and in particular in the preparation of diffusers

**Secondary objective** = to evaluate the contribution of the system in the prevention of MSD

## MATERIAL AND METHOD

### DESIGN OF A QUESTIONNAIRE

- 16 qualitative and quantitative questions
- Submitted to 13 HPTs
- After 4 months of use

### TOPICS COVERED

Evaluation of the device

Preparation of a diffuser

MSDs

## RESULTS

11 HPTs (85%) responded

- All HPTs found the device easy to use ✓
- 2 HPTs (18%) noted difficulties in handling the device ✗

- All HPTs find that making a diffuser is easier since using the system ✓
- 6 (55%) of them consider that the system does not save time and 8 (73%) answered that it adds extra steps ✗

- All HPTs have experienced stretching, discomfort, or pain in their hands and arms ✗
- For 7 (64%), these symptoms occurred at work as well as at home ✗
- Since the use of the ROMEO® system, all HPTs have experienced a reduction in symptoms and the pain level has gone down to between 1 and 5 for the whole team ✓

## DISCUSSION/CONCLUSION

This tool has allowed us to evaluate the contribution of the ROMEO® system and it seems to be a step forward in the improvement of the working conditions thanks to its **ease of use** and the **reduction of the pain** felt by the HPTs

However, obstacles have been highlighted such as the **lack of maneuverability** and the **space required** on the bench. It is therefore necessary that corrective actions be implemented