Feedback on the implementation and the management of an

STRASBOURG EUROPE

automated cytotoxic production unit

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Why was it done?

Increased activity in oncology

Quality assurance maintenance in the preparation process

Reduction of the pharmacy technician's exposure to cytotoxic agents

Implementation of 2

- automated preparation

robots at ICANS

✓ New technology

✓ New equipment and interfaces✓ New circuit and procedures

Preliminary professional training is crucial







What was done?

Educational virtual tour of an automated production unit

- ✓ Presentation of the circuit of materials, people and information in conjunction with the new French good preparation practices in an automated production unit
- ✓ Feedback

✓ Accessible to any professional interested in implementing an automated preparation robot

How was it done?

Plan construction
Scripts writing detailing texts and scenarios

Filming material:

✓ 2 cameras

✓ 360-degree camera

Voice-over narration registration

Video shoot by NEON

Editing

Project developed in collaboration with the Grand

Est regional oncology network (NEON)

What has been achieved?

6 scripts produced

Short videos (5 to 10 minutes), each addressing a different theme with a voice-over narration

Centre introduction

Automated unit management

Organization and operation of storage areas

Decontamination SAS

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Personal SAS

Cleanroom: functional parameters, particulate class, airflow schema, dressing and hygiene rules, microbiological controls, cleaning, composition of the "breakage kit"

The robots

- ✓ Robots operation
- ✓ The software used
- ✓ Preparation procedures

✓ Context of automation

✓ Cleaning

Entire circuit review

Link between each area and stage of production:

- ✓ Pharmaceutical validation
- ✓ Automated production management
- ✓ Material and vial preparation
- ✓ Manufacturing
- ✓ Pharmaceutical release

What is next?

Virtual tour presenting the circuit and the role of each involved personnel

Highlighting precautions and subtleties compared to a non-automated circuit according to the most recent french guidelines

- ✓ Promoting the standardization of practices
- ✓ Helping professionals from other centres install production automation systems
- ✓ Encouraging innovation and supporting pharmacists during this critical transition
- ✓ Clarifying the functioning of an automated unit while adhering to the guidelines

