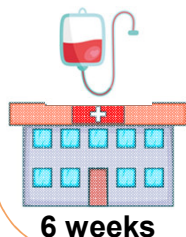


## Why was it done ?

Our chemotherapy unit needed to renew 4 workstations for injectable preparation located inside positive air pressure isolators (peracetic acid vapor decontaminated)



**40,000 chemotherapy / year** → **Solutions ?**

- ✗ ISO 14644-1 standards not met during renewal
- ✗ No other location available within the hospital pharmacy

6 weeks

## What was done ?

How to **ensure continuity** of the manufacturing process for injectable anticancer drugs **in accordance with Good Preparation Practices?**

Outsourcing ?

Find a temporary injectable preparation unit?

## How was it done ?



18 months ahead



**Pluridisciplinary working group**  
 (pharmacists, pharmacy technicians, biomedical, technical service staff, health care managers)



Inspired by other French hospitals



New procedures Backlog schedule

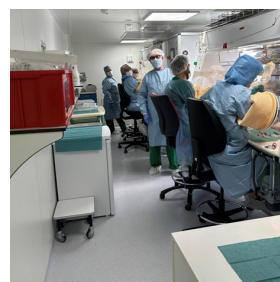
## What has been achieved ?

More than 30 hours of collaborative work to create a new workflow



1. Selection of **drugs** and **devices** to be decontaminated before entering the sterilization isolator
2. **Pharmaceutical validation**

Transfer in bags within sealed boxes to minimize the risk of microbiological contamination



Requalification of the room and isolators



3. **Chemotherapy preparation**

- «Chemo-truck» (ModuGuard® company)
- Controlled environment room
- **4 workstations** inside 2 positive pressure isolators

Airlock separating the "clean" and "dirty" areas



4. **Pharmaceutical release**

Transfer hatches for incoming products and outgoing bags



Health ward

5. **Preparation dispatch**

**Key issues to be addressed :**

- ✓ Anticipating of the needs
- ✓ Daily schedule flexibility
- ✓ Walky-talkies to help communication between different locations
- ✓ Comprehensive information for healthcare team prior starting
- ✓ ↑ production ranges & human resources

## What next ?

- Overall positive feedback from teams
- Strengthen **team cohesion**
- No **adverse events** reported



- Increased operator **fatigue**
- A few **delays** in the delivery of the preparation to the ward



**Good solution but must be short term**

**Rental budget for 6 weeks and qualifications = €80,000 including VAT**