



C. Ménage, M. Le Barbu, A. Borowik, C. Housset, S. Voisin, F. Lémann, J-M. Descoutures  
Centre Hospitalier Victor Dupouy, 69 rue du Lieutenant-Colonel Prudhon, 95100 Argenteuil, France

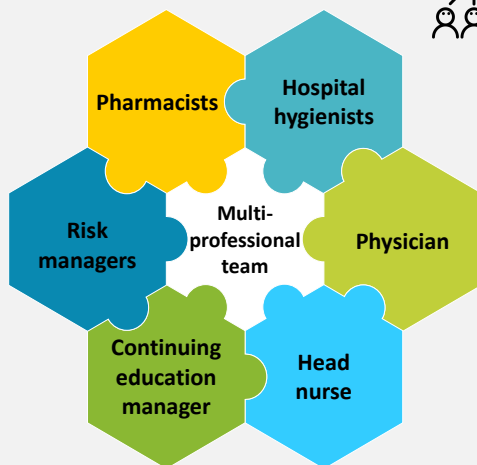
## Why was it done ?

Audit of medication storage cabinets in 7 care units

More than 5000 inappropriate medicines

Likely to alter the process of pillbox preparation by nurses

## What was done ?



An idea was developed into a project

Within the care units

For the nurses

**Simulation-based workshop** to secure the drug pillbox preparation

Education

To avoid near miss events

## How was it done ?



Mobile cabinets were set up

**Laptop with a mock prescription**

with prescription duplicates, non-formulary drugs...

Patient pillbox for 24 hours

Blank labels and labels with the patient's name

**2 mobile cabinets**



Hydroalcoholic solution

Medical and ordinary waste bins

Empty packets + scissors

**28 drugs**

with expired tablets, damaged blister packs, mixed pharmaceutical forms and dosages, non identified drugs...



A scenario was defined



### Briefing

Workshop and patient presentation

### Pillbox preparation

One-day treatment of a mock patient

### Questions about good practices (6)

Pharmaceutical forms, nasogastric tube, cold chain, multi-dose vials...

### Debriefing

About successes and pitfalls as an education purpose, without judgment

### Satisfaction survey

Likert scale with 13 items

### Validated assessment grid

Professional behaviour taken into account !  
38 items  
89 points

40 minutes

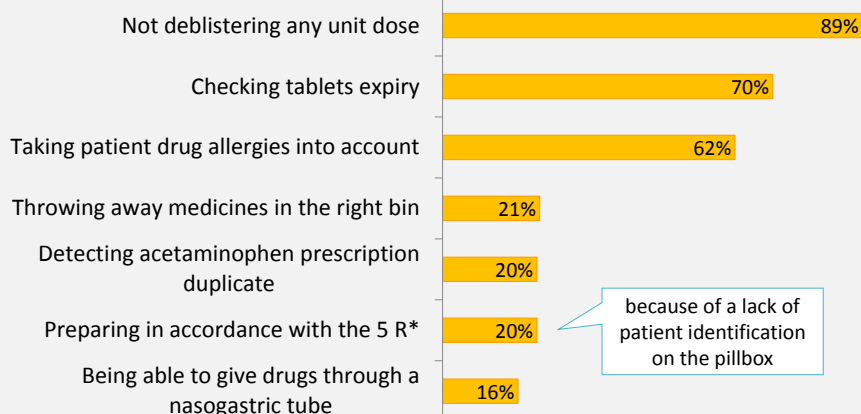
## What has been achieved ?

In 19 care units



47 nurses experienced the simulation-based workshop

### Nurse rates observing items



because of a lack of patient identification on the pillbox

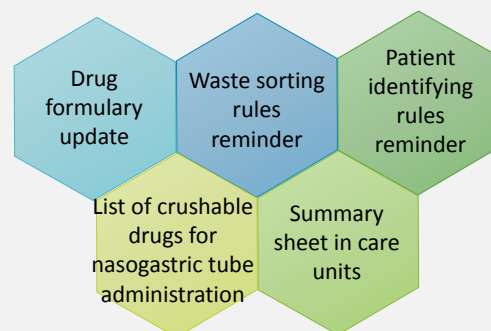
\*5R : the right medicine, the right dose, the right route for the right patient at the right time



Satisfaction : 100% of the nurses



Corrective actions were implemented



## What next ?

The simulation based program was adopted by the hospital department of nurses. It is now integrated in the yearly re-assessment skills program of all nurses.