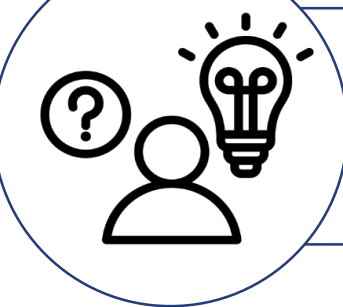


# Development and implementation of a post-audit improvement plan in a parenteral nutrition production unit

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## Why was it done?



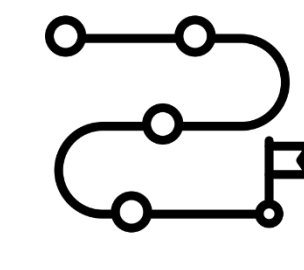
Evaluation of professional practices (EPP) targeting the risk of microbiological contamination in our parenteral nutrition production unit

Internal observational practice audit



Several non-conformities were identified :

- Compliance with disinfectant time
- Identification of right times for change gloves
- Performance of surface sampling

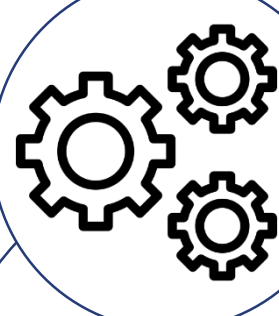


Implementation of a structured and collaborative improvement plan



## What was done?

From January to October 2024, an improvement plan in **3** phases has been performed.



## How was it done?

### 1 - Audit results

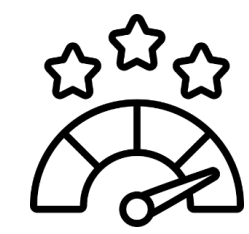


Presentation to unit technicians followed by a discussion session

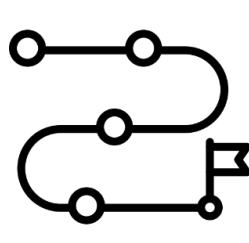
### 2 - Development of improvement actions



Brainstorming sessions to generate ideas for **corrective actions**

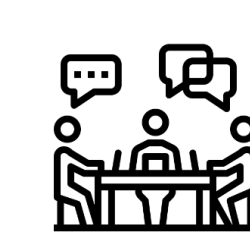


Evaluation of proposals collected according to **6 criteria** (speed, relevance, feasibility, motivation, safety and cost) using an **impact matrix**



Creation of a **structured action plan** based on the selected proposals

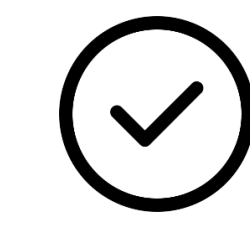
### 3 - Implementation of actions



Creation of **working groups**



Monitoring of the **improvement process**

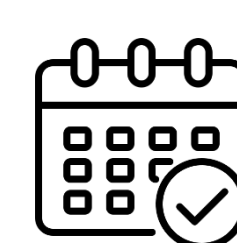


Development of a plan to **assess the effectiveness of actions**



## What has been achieved?

### 1 - Audit results

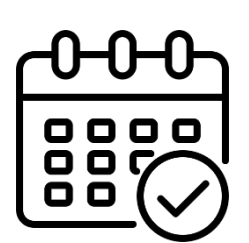


2 sessions in January 2024  
13 technicians

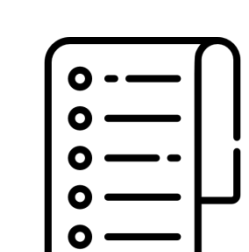


Discussing the non-conformities observed and understanding of the challenged identified

### 2 - Development of improvement actions



2 sessions in March 2024  
13 technicians



10 improvement actions were listed and evaluated

4 priority 4 recommended 2 non-priority



Setting a **Gant chart**

### 3 - Implementation of actions



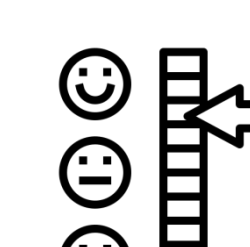
Implementation of all the **priority and recommended actions**



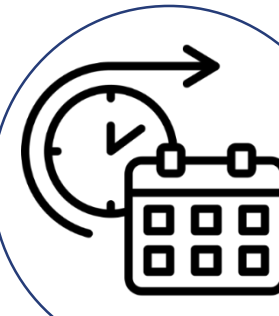
Creation of a **quality document** concerning the glove changes



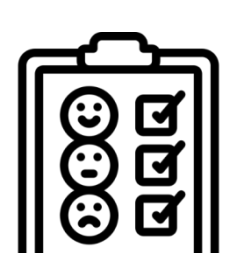
Modification of **8 quality documents**



Consider **ways of evaluating actions**



## What next?



Questionnaire for the technicians to assess the overall approach



Quick-audit focusing on glove changes to assess the impact of the improvement plan



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GEN  
2025



29TH EHP CONGRESS  
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