

**INTRODUCTION** French guidelines for sterilization (BPPH , 1ère édition - 2001) specify that "the quality of sterile medical device preparation greatly depends on the expertise, the training and the behavior of the staff involved in these operations".

**OBJECTIVES** Elaborate a tool to improve and assess the knowledge of the sterilization staff members.

Deal with the short seized teams, the versatility needed, and a potential lack of motivation faced to the training. Easy to set up, in order to get team involvement without impacting the daily production. Thus, game seemed to be the perfect way to potentiate memorizing of the staff.

## METHODS

- 225 questions from internal proceedings, the learning website Sterilearn® and our registered non-conformities

- 4 items related to cleaning, assembly packaging, packing, sterilization methods and storage.

- 1 item related to "general knowledge".

**Game rules:** each staff member picks up 5 cards related to the chosen item + 1 question related to general knowledge. Final score is calculated for each game session; then, the annual total designates the winner of the year!

**RESULTS** To date, 43 staff members had been involved, 22 played one time and 21 did twice or more

85/ Quote 2 objectives of the pre-cleaning

Cleaning /Sterilearn®

91/ How to verify a « compliant weld»?

Packing/ PHARMA.STE-INS-054

171/ How to ensure that we got « saturated steam » conditions ?

Sterilization methods /PHARMA-STE-INS 006

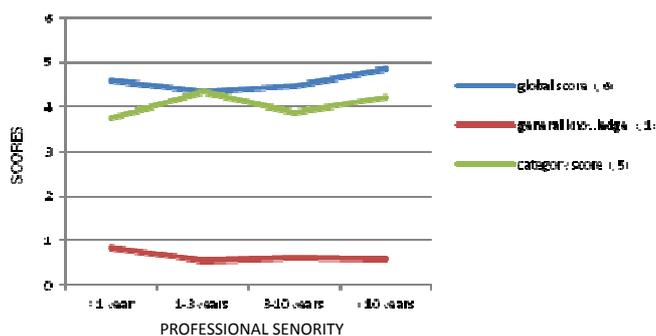
136/ A device can't be packed immediately. What should be done?

Assembly packing/PHARMA-STE-INS 006



Category	Mean score
Cleaning	3.8/5
Packing	3.9/5
Assembly packaging	4.3/5
Sterilization methods/Storage	4.2/5
General knowledge	0.7/1

Table 1. Mean score for each category



Graph 1. Scores according to the professional seniority

No link observed between score and professional seniority for all categories

## DISCUSSION-CONCLUSION

- Game is an interesting tool to increase quality and skills
- We now have to evaluate its impact on the average of non-conformities
- Our experience led us to give up individual game, judged too stressful by the staff members, in favor of a two-person team choosing 2 different items
- To keep its performance, this game has to evolve over the new regulations and sterilization proceeds, new medical sterile devices and obviously over the most declared non conformities