Game-based training: play instead of reading boring procedures!

Development of a ludo-pedagogic training programme for the management of a robotised system for cytotoxic compounding

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Creation of the educational strategy

Game 1: **Prégent cards** Manufacturing steps are printed on cards to put back in the right order. Teams confront their answers.

Game 2: Pokémon[®] cards Molecules and their specificities are on cards. Teams guess if the molecules can be used with the robot and why.

Game 3: Who wants to be an Operator? Four answers are suggested for an error. Teams collaborate to give the correct answer.

- **1. Understand the circuit**
- Knowing the steps \rightarrow game 1
- Knowing the criteria for using a molecule with the robot \rightarrow game 2
- Knowing how to handle errors during production \rightarrow game 3
- 2. Be autonomous (practical exercise)
- Peyton method:
 - The mentor is the trainer for the apprentice
 - The real trainer becomes an observer and is ready to help/give feedback



Effect of the training on the knowledge about the robot (means on 0-24)



 Short/playful training appreciated by the operators Improvement of knowledge with a remanence until 6 months

Hôpitaux Universitaires Genève





Vienna, March 2022



