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Objectives

During their residency pharmacy residents may attend a hospital on-call programme. This hazardous activity requires adapted training. Our project was to optimise residents' training for in-house on-call duties to allow them to receive a strong, clear and complete training including more practical training.

Methods

September 2016

Baseline survey of the existing training methods in the different hospitals of France

December 2016

Baseline survey of the existing training methods in our university hospital and identification of pharmacists' needs

May 2017

Identification of residents' needs in our structure

July 2017

Beginning of the development of our training programme starting with our most critical pharmacy activity sector

Development of a transverse, structured and harmonised training programme

Results - Discussion

Existing training methods in the 34 French hospitals that answered

Training composition

Only a theoretical (13%) or practical part (6%) for some programmes

Evaluation of knowledge in only 47% of hospitals

Training organisation

At the beginning of each 6-month period

Continuous training in only 6% of hospitals

Duration

Theoretical training: 10 to 15 hours

Practical training: 5 to 10 hours

Training support

Mainly oral explanations

Few written trace of trainings except for residents' own notes

The senior pharmacists

Have enough time to implement their training

The current organisation suits them

The pharmacy residents

Training globally well appreciated

Organisation and modalities could be improved

Pharmacists and residents' needs in our university hospital

Great disparities of training between the establishments: lack of structure, organisation and harmonisation of the training. Residents hope the training will be improved.

Optimisation of the existing training programme

Our programme

Introduction of **new tools**

✓ **Harmonisation of training's support** between the pharmacy's sectors

✓ **An in-house on-call duty notebook** complementary to trainings and adapted to note-taking

Theoretical training

Creation of an **individual traceability sheet** to trace pharmacy residents' involvement in the different training courses

Practical training

✓ **Simulation's workshops** using **role-play**

✓ **Optimisation of the companionship** between experienced and novice residents

✓ **Interactive quizzes** scheduled during each monthly meeting between pharmacy residents and the residents' coordinator

✓ **E-learning**

Evaluation of knowledge/
Continuous training

Conclusion

- Next steps of our work: implementation of our programme in each pharmacy's sector and its assessment.
- If successful a possible extension to the other hospitals of our region will be considered.