Background

The training of nursing staff is a major issue in hospitals. Institutionalization, one of our missions is to promote the proper use linked to the infusion through a pair of pharmacy technician / nurse.

In the cardiology intensive care unit, an audit showed a lack of knowledge of the health care staff about the use of anti-return valves. What motivated us to set up a fun and practical training for caregivers.

Materials and Methods

The training is carried out by a pair of pharmacy technician / nurse.

Pre-training stage: Authorization of the pair by a pharmacist (duration: 2h30)

Procedure

1. Presentation of the training + Survey knowledge assessment
2. Presentation of clinical case n°1: Comparison of 2 assemblies, one of which contains a non-return valve
3. Presentation of clinical case n°2: Realization of a perfusion assembly
4. Survey Knowledge assessment + Satisfaction questionnaire

Results

- Number of nurses per training: 3 to 5 ➔ Favor interaction between participants
- 100% of trained staff (16 caregivers) including night staff in 6 sessions of 30 min
- Results of the questionnaire: Improvement of knowledge (p <0.05)
- Satisfaction: 100% of trained staff satisfied (content, pace, duration)
- Provision of knowledge according to trained staff

Conclusion and relevance

This training allowed:
- to raise awareness of the proper use of non-return valves
- to secure them in a secure manner: trained personnel
- to promote pharmacy technician / nurse collaboration: pharmacy technician bringing its technical knowledge on the material / nurse providing its technical knowledge on care

A post-training audit will be organized within a few months at the USIC.

Building on this success, we wish to continue developing training provided by a pair of pharmacy technician / nurse.

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