

Evaluation of the implementation of "inhaler interviews" during medication reconciliation in the pneumology service

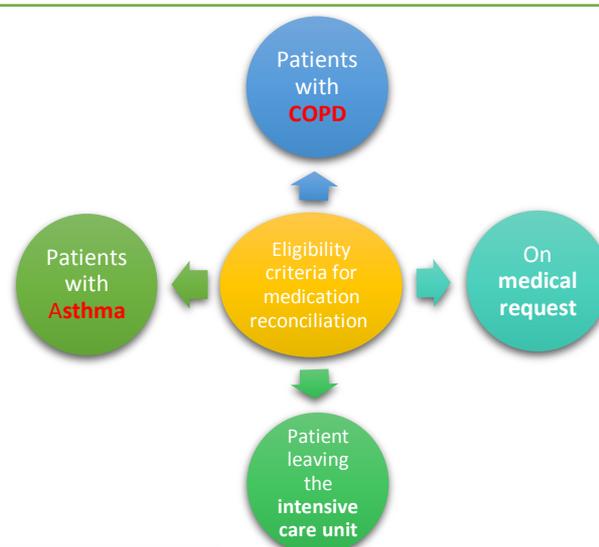
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BACKGROUND & OBJECTIVE

At the request of the pneumology specialists, we managed to set up **the medication reconciliation** in the service. Taking advantage of this new activity, we proposed to evaluate **the patient's ability** to use **his inhaler**. The objectives are to promote **the correct use of inhalation devices** and to assure **a proper patient management**.

SETTING & METHOD

- An **inventory of inhalation devices** is made
- The **Zéphir guide** → to acquire the right gestures
- The **RQESR 2019** (Quebec Respiratory Health Education Network) → to evaluate the patient's control of aerosol use
- Interviews are carried out by **the pharmacy intern**
- Pharmaceutical companies helped us get **demonstration kits**



RESULTS

In two and a half months, we assessed 65 patients with an average age of 65.6 years. **49.2%** of the patients had more than one inhaler at home.

Length of patient interviews

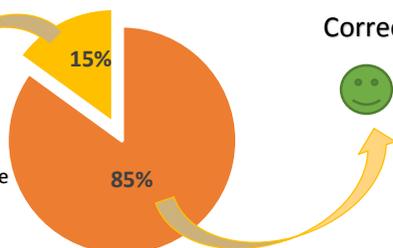
Shortest interview : 5 min Average : 12,4 min Longest interview : 25 min

% Adequate inhaler technique

Correct use



→ Patient who need some advice
→ Demonstration kit
→ Patient file tracability



The **multidisciplinary** nature of the work carried out by healthcare professionals
Detection and correction of device misuse

The difficulty in **obtaining** the devices and **time** required to receive them
Complicated verbal communication (language, deafness...)

CONCLUSION

The implementation of this activity has been **gradual** (training, development of the medication reconciliation, research into new monitoring indicators). This work has also made it possible to carry **out a more in-depth reflection**, within **the medical and pharmaceutical teams**, with view to **optimising the range of inhalers** and proposing user **friendly devices** or **not requiring hand-lung coordination**.