

Abstract:

The master thesis deals with an intensive home care - home care of intensive nursing and maps the situation concerning the home mechanical ventilation. The theoretical part draws from the researchers' reviews. It clarifies the basic concepts, intensive home care and trends in providing the home mechanical ventilation. Furthermore, this part of the thesis explains the term mechanical ventilation. To facilitate long-term ventilation of a chronic patients it is necessary to ensure an adequate airway. Therefore, it is included a chapter dealing with a tracheostomy and its treatment. The first part of the survey summarizes a statistical overview of the home mechanical ventilation used in the Czech Republic till 31th March 2013. Next section includes a qualitative form research, which is observing the whole indicating and transferring process of a patient from a hospital to the home environment where the home mechanical ventilation is assured. I have concluded that men are more ill and women, mothers or wives are taking part in the healing process according to the investigation results. We have 81 ventilated patients in home care in total. Mechanical ventilation is mostly indicated for children with spinal muscular atrophy disease. Men compared to women are more often affected by traumatic conditions, lung disease and muscular dystrophy which is typical for young boys. Home mechanical ventilation is still in the Czech Republic at the beginning. It is necessary to find some new ways of healing process organization and to increase know-how of professionals, home care agencies, insurance companies and patients. Patients should be connected more tightly together to be able to communicate with each other. Despite the fact the project lasts about 10 years, some hospitals still do not know much about the possibilities of home mechanical ventilation. Insurance companies are not able to recognize the patients who would need the care because it does not exist any classification system of the affected patients. It is necessary to change the current situation, which is inconvenient.

Keywords: Intensive care, home care, nursing care, mechanical ventilation, airway management, tracheostomy