

ABSTRACT

This diploma thesis deals with a non-invasive ventilatory support method and its use in commercial practice. The intention was to find out what theoretical basis nurses have in the mentioned issue, to characterize the most common indications, contraindications and particularly complications emerging at patients connected to a non-invasive ventilatory support.

In the theoretical part there are found chapters about anatomy and physiology of airways and about a principle of an artificial pulmonary ventilation. A non-invasive ventilatory support represents a detailed chapter. The main part focuses on nursing care and monitoring of a patient connected to a non-invasive ventilatory support. I mainly deal with hygiene of airways, rehabilitation and breathing physiotherapy, positioning and the motion regime. Care for physical state of a patient connected to a ventilation and an issue of worsened communication during implementation of a non-invasive ventilatory support cannot be committed.

The empirical part contains mainly anonymous questionnaire research leading to evaluation of given aims and hypothesis of work. In total, 200 respondents in four Prague hospitals were questioned and 164 of them completed this research. The research has brought very satisfactory results. The respondents has shown good theoretical knowledge in the area of the researched issue. Also, an interest in realisation of a standard for nursing care for a patient connected to a non-invasive ventilatory support which would lead to unification and quality improvement of nursing care procedures for the ill has been confirmed.

KEYWORDS

Non-invasive ventilatory support, artificial ventilation, breathing, respiratory failure, nursing care