

Abstract

The present bachelor thesis is devoted to the nursing process and education in a patient with hydrocephalus. **The aim** of the thesis was to determine to what extent the disease affects the patient's quality of life, focusing on the period before and after the insertion of a ventriculo-peritoneal shunt. Furthermore, how the patient felt during the hospitalization, whether he was satisfied with the attitude of the staff, whether he was properly educated before and after surgery or before discharge to home care.

The theoretical part of the thesis is devoted to a detailed description of the disease, its causes in neonatal, childhood and adulthood, symptoms of patients of all ages and treatment options.

The empirical part of the thesis is based on quantitative research investigation, analysis of the obtained data and comparison of the results of the thesis with similar works. **The research method** chosen was a quantitative survey using a non-standardized questionnaire. The questionnaire survey was carried out at the Neurosurgical Clinic of Motol University Hospital and the 2nd Medical Faculty of Charles University, after prior approval of the deputy for nursing care and with the consent of the management of the clinic. **The results** of the survey showed that 86.11% of the respondents reported an improvement in their health status after the implantation of a ventriculo-peritoneal shunt. Majority of the respondents, namely 97.22% were very satisfied with the attitude of the doctors in the preoperative care and 86.11% of the respondents were also satisfied in the postoperative care. All the respondents i.e. 100% of the respondents were satisfied with the care and communication of the nurses. Every respondent indicated that he/she was educated about home care before the end of hospitalization. From the **conclusion of the study**, it is evident that the implantation of a ventriculo-peritoneal shunt has a significant impact on improving the patient's quality of life. According to the data obtained, the staff of the ward provides quality care during the preoperative and postoperative period, with which the patients are satisfied.