

This bachelor's thesis deals with patients suffering from cystic fibrosis (CF). The thesis includes a theoretical and a practical part. In the theoretical one, underlying anatomical and physiological disturbances in key organ systems are discussed. A historical review, genetics aspects, manifestations of the disease and current treating possibilities are also concerned. Despite a considerable improvement on the field of the diagnostic process, the diagnosis of CF is still often considered to late with negative consequences on the prognosis. Although the causal therapy is still not existing, an intensive supportive care can significantly prolong and improve the quality of life of the patients. Considerable progress in the treatment research promises a total cure in the future. The practical part of the thesis contains an analysis of separates steps of the nursing process and its practical application in one concrete patient. I elaborated a nursing anamnesis according to the Gordon's functional health model. I elicited detailed information about patient's health state for establishing his complex evaluation. When the nursing problems determined and the diagnoses established, I worked on the realisation of defined nursing goals. According to the efficacy feedback, I continuously adapted the approach to the patient in order to ensure the best quality of his life during hospitalization.