

Abstract

This bachelor's thesis discusses the treatment of PICC catheters. The theoretical part of the thesis provides comprehensive information about the PICC catheter and about the specifics of care for patients with an inserted PICC. The thesis mainly focuses on the treatment of this access under aseptic conditions in order to prevent catheter infection, where the correct procedure of the nurse is important. At the same time, the goal is for the provided information to agree with the current recommendations of national and international companies involved in creating educational resources to treat long-term vascular accesses.

The aim of the empirical part of this bachelor's thesis is to obtain information about nurses' knowledge on treating PICC catheters through quantitative research. Data collection was conducted in a selected hospital using self-designed questionnaires. The questionnaire consists of 25 questions, of which 14 questions are used to verify knowledge of the given topic. 150 questionnaires were distributed and 109 questionnaires were returned for analysis.

Based on the results of the questionnaire, a simple manual with pictograms was created and is available at the end of the thesis. This manual is designed to help nurses who may not regularly encounter PICC catheters, guiding them in providing proper care for such catheters.

The manual also aims to reduce the number of complications that could be caused by insufficient knowledge of the nursing staff.