

Abstract

The bachelor's thesis is focused on mapping and researching the nurses knowledge of taking care of intermediate-term vascular access devices inserted to pediatric patients. The aim of the work was to find out, based on a questionnaire, the level of nurses knowledge of individual types of intermediate-term catheters and nursing procedures related to catheters. The theoretical part of the bachelor's thesis includes pediatric anatomical specifics, general characteristics of vascular access devices, specifically described types of intermediate-term vascular access devices and nursing care of these catheters. The empirical part presents classified data in the form of overviews of tables and sectional charts, which are then compared with hypotheses based on age, length of practice, type of workplace and specialized competence of the respondent in the field of intensive care. The research methodology consisted in distributing a self-designed structured questionnaire in the form of a didactic test to nurses working in the children's wards of The University Hospital in Motol Faculty Hospital. The examined sample consisted of 76 respondents. Based on the questionnaire survey statistically significant difference was found in three particular items depending on the type of workplace of respondents in favor of respondents working in intensive care units. Furthermore, a deeper knowledge of the PICC compared to the knowledge of the midline catheter was demonstrated in percentage terms, the knowledge of the correctness of nursing procedures is varied. 34.21 % of respondents describe the subjective inadequacy of training with intermediate-term vascular access devices. The results of the research investigation demonstrate the unsatisfactory children's wards nurses knowledge in the issue of PICCs and midline catheters.