

Abstract

This bachelor's thesis is focused on the treatment of hemodialysis catheters.

A hemodialysis catheter is an integral part of every elimination method, and without a functional hemodialysis catheter, hemodialysis is not possible.

The aim of the bachelor's thesis was to find out whether and how care for hemodialysis catheters differs at individual workplaces. The theoretical part of the thesis presents knowledge about the anatomy and physiology of the kidneys, pathophysiology of the kidneys, elimination methods, vascular approaches and specifically describes hemodialysis catheters and their nursing care. The empirical part of the work presents the results of our own questionnaire survey, which took place at selected workplaces of the Motol University Hospital and at selected Fresenius Medical Care centers. The target group of respondents were nurses working at these workplaces. At the end of the investigation, 75 duly completed questionnaires were included in the statistical data processing. The obtained data are presented in pie and bar graphs and tables, and these data are subsequently compared with hypotheses oriented to the type of workplace and the level of education of the respondents. The results of the questionnaire survey revealed that there were statistically significant differences, especially in knowledge in the area of changing the cover, taking blood from a two-way hemodialysis catheter, removing the catheter, shaving at the site of the introduction of the hemodialysis catheter, using a mouthpiece and using types of disinfection.

At the end of the work, the goals and results of the processed data are evaluated.