ABSTRACT

Introduction: I have chosen a topic Nursing care of the patient with peripheral vascular disease of lower extremities for my bachelor theses. I think that the chosen subject matter is very relevant, because the disease belongs into a group of cardiovascular diseases, which are still the main cause of mortality in CR, according to statistics ÚZIS Zemřelí 2016. In most cases, peripheral vascular disease of lower extremities is caused by atherosclerosis process, which is entailed with many risks factors (especially smoking, diabetes, hypertension).

In theoretical part I introduce the issue of the peripheral vascular disease of lower extremities. I focus mainly on diagnosis, options for treatment and on prevention of the disease. The sources, that I have used for an elaboration of my theses, were obtained by research in National medical library. Searching was carried out in the databases NLK, PubMed, Embase, Medvik and CINAHL etc. I searched further through internet sources of professional organizations and companies, which deal with mentioned issue. Theses includes guidelines of professional organizations as ESVS - European Society for Vascular Surgery, ESC - European Society of Cardiology, SVN - Society of Vascular Nursing And National cardiovascular programme of Czech republic.

Methods: To lay out the thesis, I have chosen a case study of a patient with peripheral vascular disease of lower extremities completed by Gordon's functional health patterns. On this particular example, I show standard nursing processes including potential risks and options for prevention.

Objective: To focus on nursing care of a patient with the main diagnosis peripheral vascular disease of lower extremities, who underwent surgical (open) revascularization procedure - endarterectomy.

Results: Compliance with the correct nursing processes according to the newest recommended processes and standards of the department.

Conclusion: It is necessary to reflect the newest trends based on the new research and recommendations in vascular surgery, where the treatment of patients with peripheral vascular disease is innovative. The provision of nursing care is not only based on dealing with already emerged disease, but it has to be focused mainly on providing the education of the public and raising the awareness.

Contribution: The informative leaflet was created, based on the research of literature and according to professional experience with vascular surgery. It is recommended for the public, where it could raise the awareness of the patients with risk factors for an onset of the disease.

Key words: peripheral vascular disease of lower extremities, atherosclerosis, blood vessels, nursing care, education