

ABSTRACT

Bachelor thesis on topic Nursing care of a patient with ischemic heart disease after combined cardiac surgical operation with following complications, dealt with the specificity of nursing care of the patient, firstly after combined cardiac surgical operation and subsequently also after rehospitalisation for mediastinitis and infectious endocarditis on the heart valves.

In theoretical part I analyze drawn knowledge, related to mentioned issue. Used information were obtained from professional literature, Czech and foreign articles according to recommended practices of the European Cardiology Society.

The main objective of the thesis is summary and elaboration of patient's data in longer period of time into two case studies. In Case study I., I focus mainly on detailed description of nursing care after the cardiac surgical operation during three days, when the patient was transferred to intensive care unit. In Case study II., I include collected information of the same patient after rehospitalisation with infectious complications, which I evaluate in detail during the three days hospitalization on intensive care unit. My other objectives include finding out, if there are any differences in provided nursing care between two mentioned Case studies. At the end, I would like to point out the highly specialized nursing care on intensive care unit of cardiovascular surgery. All findings, data, information and details about the patient were taken from the medical and nursing documentation, as well as from an observation and from an interview with the patient and with staff.

The main result of the bachelor thesis is detailed recording of highly specialized nursing care of a patient with complicated course after combined cardiac surgical operation. By elaborating the case study, which is divided into two parts, I came to the conclusion, that the principles of specialized nursing care, according to standards of the department, were followed. Based on studied literature, I came to the conclusion, that the patient was taken care of according to *lege artis* and there has been no misconduct of the medical staff, that could lead to post operative complications.

The bachelor thesis brings the latest knowledge related to cardiovascular diseases, cardiac surgical operation and postoperative infectious complications to the professional public. It also brings updated information about nursing care of a patient with VAC systém. The bachelor thesis points out the fact, that despite the provision of highly specialized care and the usage of modern medicine, patient's condition during the hospitalization continued to deteriorate to the extent, that he was enrolled in the palliative care regime.

Keywords: Ischemic heart disease, cardiac surgery, aortic defects, mitral defects, myocardial revascularization, infectious endocarditis, mediastinitis, vacuum assisted therapy, nursing care, intensive care.