

Resume

This bachelor thesis is a case study of nursing care of 84-year-old patient hospitalised for aortic stenosis. The patient was treated in Cardiocenter of the University Hospital Královské Vinohrady in Prague using relatively new technique - transcatheter aortic valve implantation.

In the first part of the thesis are given information from anatomy and physiology of the cardiovascular system, focusing on the heart and heart valves. In the section on pathophysiology are described cardiac valve diseases, with emphasis on aortic valve stenosis.

Diagnosis and therapeutic procedures of the disease are described. The following are basic information about the patient and his health.

Nursing part of the thesis describes the nursing process in accordance with the model Theory of basic nursing care by Virginia Henderson.

According to this model nursing process for selected 84-year-old patient was compiled. This includes short and long term plan of care. Short-term plan of care is designed for the second day of hospitalisation, which is the day of the operation. Long-term care plan is set for a period of approximately 7 days.

In the thesis is also mentioned patient 's social and psychology domain. The thesis deals with the education of selected patient, too.