

The main subject of this master thesis is a nursing care of a patient after an aortic valve replacement. This master thesis presents and integrates the complex nursing care of a patient after the aortic surgery with a aid of a nursing process.

The theoretical part is focud on the anatomy and the physiology of the human heart, the aortic valve, aortic valve stenosis causes and its symptoms, diagnosis and treatment. The last section of the theoretical part describes an anaesthetic care and an intensive post-operative care after the aortic surgery in term of medicine, nursing and physiotherapy.

In the practical part are described the complex nursing care after the aortic surgery, satisfying the needs of a patient and education of a patient on recovery room.