

In my thesis, I have presented a case study of the patient who had suffered myocardial infarction. The nursing process and the care plan were based on the information received from the patient, her son and all nursing staff. Other information was derived from documentation of the client and current professional literature.

In clinical part of my work I address anatomy of heart and its layers, coronary circulation and cardiac conduction system. I also provided the definition of AMI and then focused on pathology and pathophysiology. I included the classification of myocardial infarction and its risk factors, clinical picture, diagnostics and treatment which is divided in prehospitalization care, hospital and the treatment of the patients after discharge from hospital. Because the client was indicated for aortocoronary bypass, I mentioned it as well. Finally, I have listed the most common complications of myocardial infarction, secondary prevention and rehabilitation. The next part deals with the client and briefly describes the course of hospitalization.

In the nursing part I explained that the nursing history was made according to model by Virginia Henderson. This model seemed to be the most appropriate because it suited the complex problems of my client. I set goals and planned the interventions. Then I described the implementation phase and evaluated interventions designed for each set of nursing diagnoses. Then I dealt with the psychological and social assessment of the patient.

The last part of the work is dedicated to the health education, where I dealt with in particular the principles of good nutrition. The prognosis of the patient closes the work.