

The thesis deals looks at the nursing care of a patient following the introduction of a intra-aortic balloon pump (IABP).

The theoretical component contains the relevant anatomy and physiology of heart and aorta, and a description of the intra-aortic balloon pump including its history, principle, diseases which indicate or counterindicate its usage, diagnostics and therapies used for these diseases. The theoretical component also contains definition and standard of nursing care.

5

The practical part is focused on the complex intensive nursing care for a patient with an implemented intra-aortic balloon pump at The Department of Anaesthesiology, Resuscitation and Intensive Medicine in the General Faculty Hospital. The conclusion of my thesis looks at the standard for IABP implantation and the management of the cannula site.