

ABSTRACT

For my bachelor thesis, I chose a topic related to nursing care of a breast cancer patient with an intravenous port and an indication of chemotherapy. I worked on the theme based on my long experience with intravenous ports at the sampling center. Breast cancer still retains primacy in cancer, and many women die yearly. Its treatment requires specific features and is very time consuming. Great benefits in this area are intravenous port systems. When used, complications occur which often prevent faster course of treatment. At the end of my work I described the patient's and healthcare staff's expressions of satisfaction with these long-term venous inlets.

The aim of the work was to highlight the advantages and disadvantages of intravenous ports and their use in the treatment of oncology patients. I focused mainly on nursing procedures and care for the intravenous port during treatment, after treatment as well as on blood withdrawals associated with oncology treatment.

The method of work is a case report of a patient who has long been treated with breast cancer at an oncology stationary. Information I drew from literature, from Czech and foreign articles and from patient's documentation.

The main outcome of this study is the finding that intravenous ports greatly facilitate access to the venous circulation and thus allow nurses to easily administer medications important to the healing process in patients indicated for chemotherapy. This work may provide valuable insight into nursing care for intravenous ports in the future and therefore I would like to present it to all healthcare professionals working with this system.

Key words: intravenous port, breast cancer, chemotherapy, mammary gland