

ABSTRACT (v AJ)

Transplantation medicine has undergone considerable development over the last twenty years. Organ Transplantation has become a routine part of treatment and often the only option for patients with severe kidney damage. Due to the development of immunosuppressive drugs and the improvement of surgical techniques, the outcomes of kidney transplants have greatly improved in recent years.

The bachelor thesis describes the issue of nursing care for patients after kidney transplantation. In the theoretical part of the thesis I describe the issue of treatment of renal failure. I also focus on the period before the transplant itself and after the transplant. I can't forget to mention the professional organizations dealing with this issue, so I also provide a short overview of transplantation centres' in the Czech Republic. At the end of this section I present a very important part namely, patient education. Each patient needs to know what regimen in the homecare environment is to be followed so that transplantation is successful. The thesis I worked out on the basis of searching for relevant sources on the topic. I used resources from the National Medical Library, where I was made a literature search, through Medlain, from the Pub Med, Embase and Web of Science databases. The information were obtained from an internet search engine ČST - Czech Transplantation Company, ESOT - European Renal Care Association, ERBP - European Renal Best Practice and EDTNA / ERCA - European Dialysis and Transplant Nurses Association nursing standards. Permission for viewing and using of medical documentation I obtained from the Deputy Nursing Care of a specific medical facility upon written request. I obtained the consent of the client both verbally and in writing.

Metodology: For my bachelor thesis I chose a form of qualitative research, a case study. For a particular patient, I focused on standard nursing procedures and also on the potential risks of post-operative care and prevention in the home environment.

Aim of this thesis: The aim of this thesis is to elaborate case reports in the theoretical framework of the post-operative care after kidney transplantation.

Results: Compliance with the recommended procedure after kidney transplantation. Providing guidance to patient on how to comply with the treatment regimen in homecare environment, including creating a simple patient information leaflet.

Conclusion: In the 21st Century, we have open possibilities in transplantation medicine, which relate to surgical procedures and innovations in the choice of immunosuppressive therapy. For the treatment process to be successful, we must properly inform patients about the treatment regimen in the homecare conditions. The aim is to increase quality of patients' postoperative treatment, as well as to promote the long-lasting function of the transplanted kidney.

Contributions: Creating a simple educational leaflet for patients homecare after kidney transplantation following a recommendation from the EDTNA / ERCA - the European Dialysis and Transplant Nurses Association and the European Renal Care Association and the national organization CAS - the Czech Nurses Association, which has developed the National Standard for Nephrology nursing practice.

Key words: kidney transplantation, postoperative care, patient education, immunosuppressants, nursing care.