

## **ABSTRACT**

Kidney transplantation is still the most successful method of kidney failure treatment. Transplantations from living donors get ahead of transplantations from cadaveric donors due to better results. Transplantations from living donor can be planned and have less complications. Indisputable advantage is the possibility to perform transplantation before the onset of dialysis-preemptively, which provides up to twice better patient survival compared to survival on dialysis. The empirical part is elaborated using the case study describing hospital stay of living kidney donors which describes the postoperative and specific nursing care of kidney transplant recipient. The aim of this thesis is to get to know nursing algorithms in the care of patients after kidney transplantation in intensive care unit and to give comprehensive review of kidney transplantation.

### ***keywords:***

Kidney transplantation - predialysis - living donor - nursing procedures - intensive care - care of kidney transplant recipient