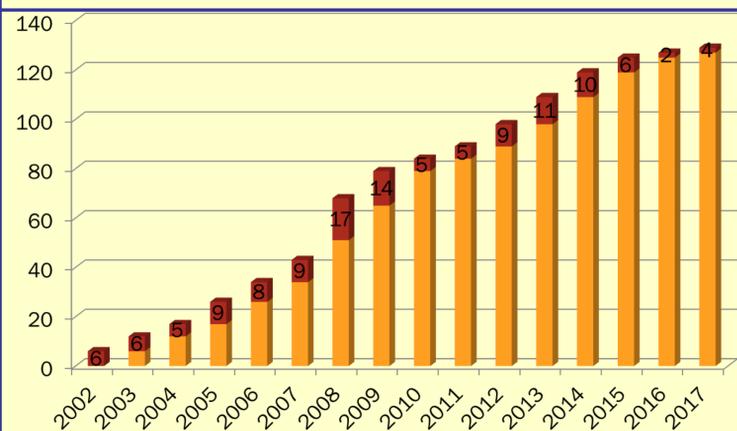


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BACKGROUND

Preparation of all necessary conditions for the beginning of transplantation program in Montenegro started in 2006 with different activities including public, legal, medical, educational and international cooperation aspects. The first kidney transplantations from living donors in Montenegro were performed on 25th and 26th September 2012.



Graph 1: Kidney Tx in Montenegro 2002-2017



METHOD

Data referring to the outcome of kidney transplantation program in Montenegro.

RESULTS

In the period from 2012 until now 31 kidney transplantations from living related donor were performed and one kidney transplantation from deceased donor in Clinical Center of Montenegro. Majority of donors were mothers in 9 cases, brothers and sisters in 11 cases. Emotional donors wife who donated kidneys to husbands in 2 cases. In the period of five years of follow up, all patients to whom kidney transplantation was performed are in good condition and without serious complication in posttransplant period.

There was complication in two kidney recipient in perioperative period who had delayed graft function. In one recipient there was urinoma; in one patient deep venous thrombosis; and in one patient episode of acute pancreatitis after sirolimus introduction in immunosuppressive therapy protocol. In one patient we had lymphocele treated by marsupialization, and in one patient calculus of the kidney graft, successfully treated. Serum creatinin level in the follow up period was in referent level in recipients as well as in donors. There was no episodes of hyperacute and acute rejection and there were no episodes of complications of immunosuppressive therapy. All kidney donors are followed up carefully in our center; their serum creatinine level was in reference level and there was no evidence of impaired residual kidney function.

CONCLUSION

The development of transplantation system improved many medical fields and continuous education of medical staff. Our next steps are improvement of deceased organ donor transplantation and achievement of higher rate of deceased donor kidney transplantation and kidney transplantation program with incompatible blood groups.

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