

OPTIONS OF TRANSPLANT TREATMENT OF DIALYSED PATIENTS

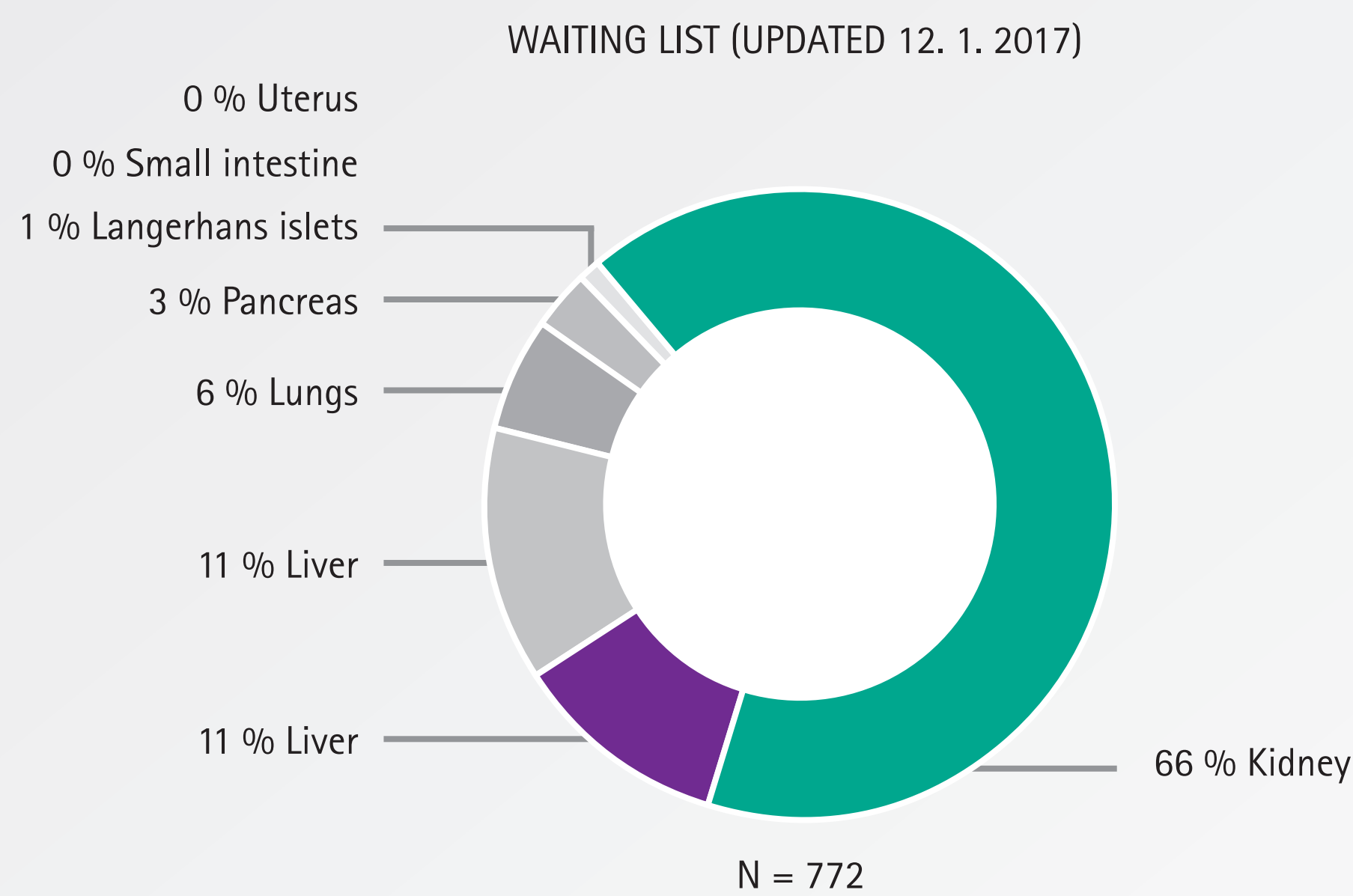
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AIM

The purpose of this poster is to give you a brief overview of transplant activity in the Czech Republic.

INTRODUCTION

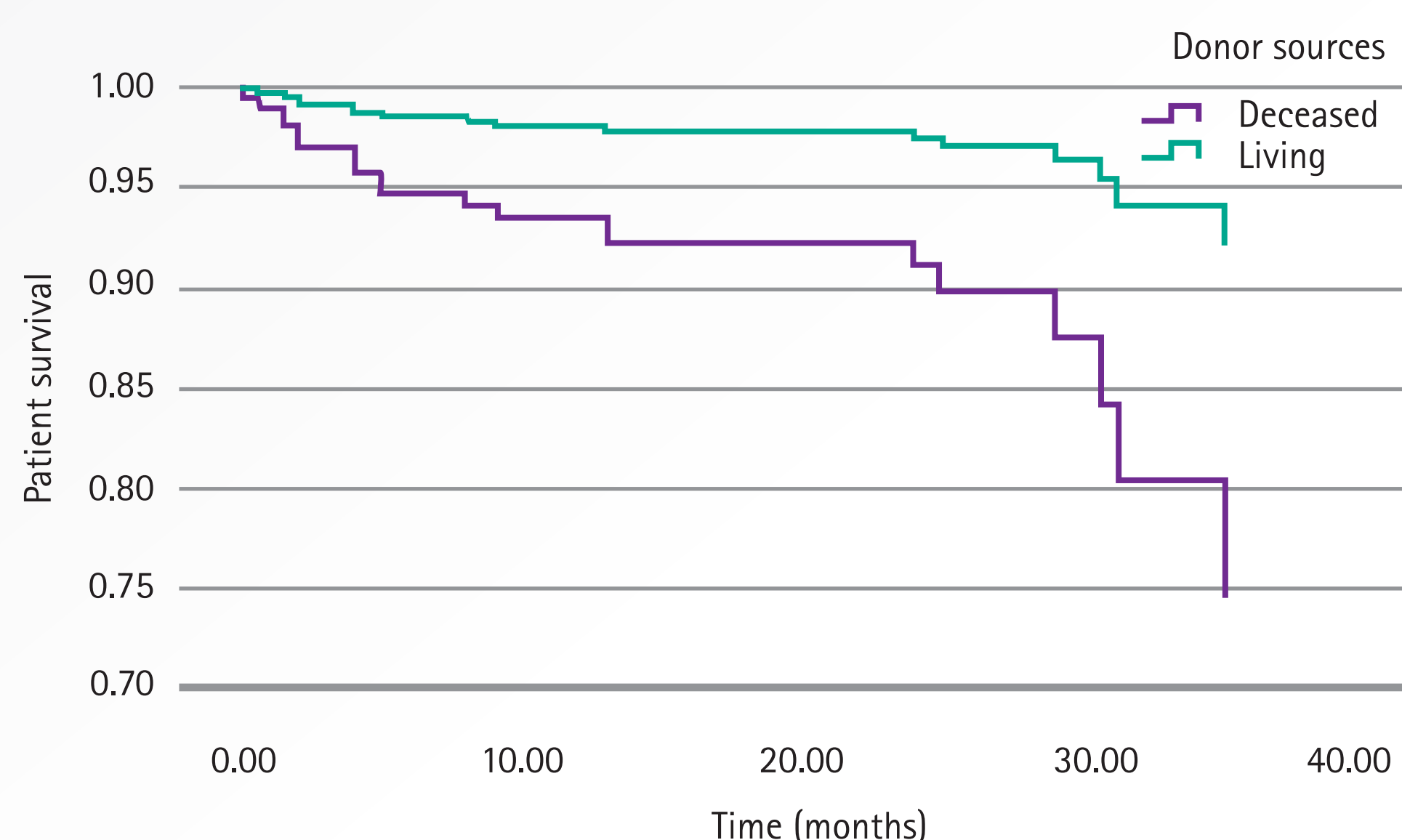
The kidney transplantation is currently the most efficient treatment of a chronic renal failure. However, an offer of available organs is not high enough to satisfy the demand. Although there were 458 kidney transplantations performed in 2016, there is still more than 500 patients on the waiting list, who are waiting for a suitable donor, and there are over 6000 patients included into the dialysis program.



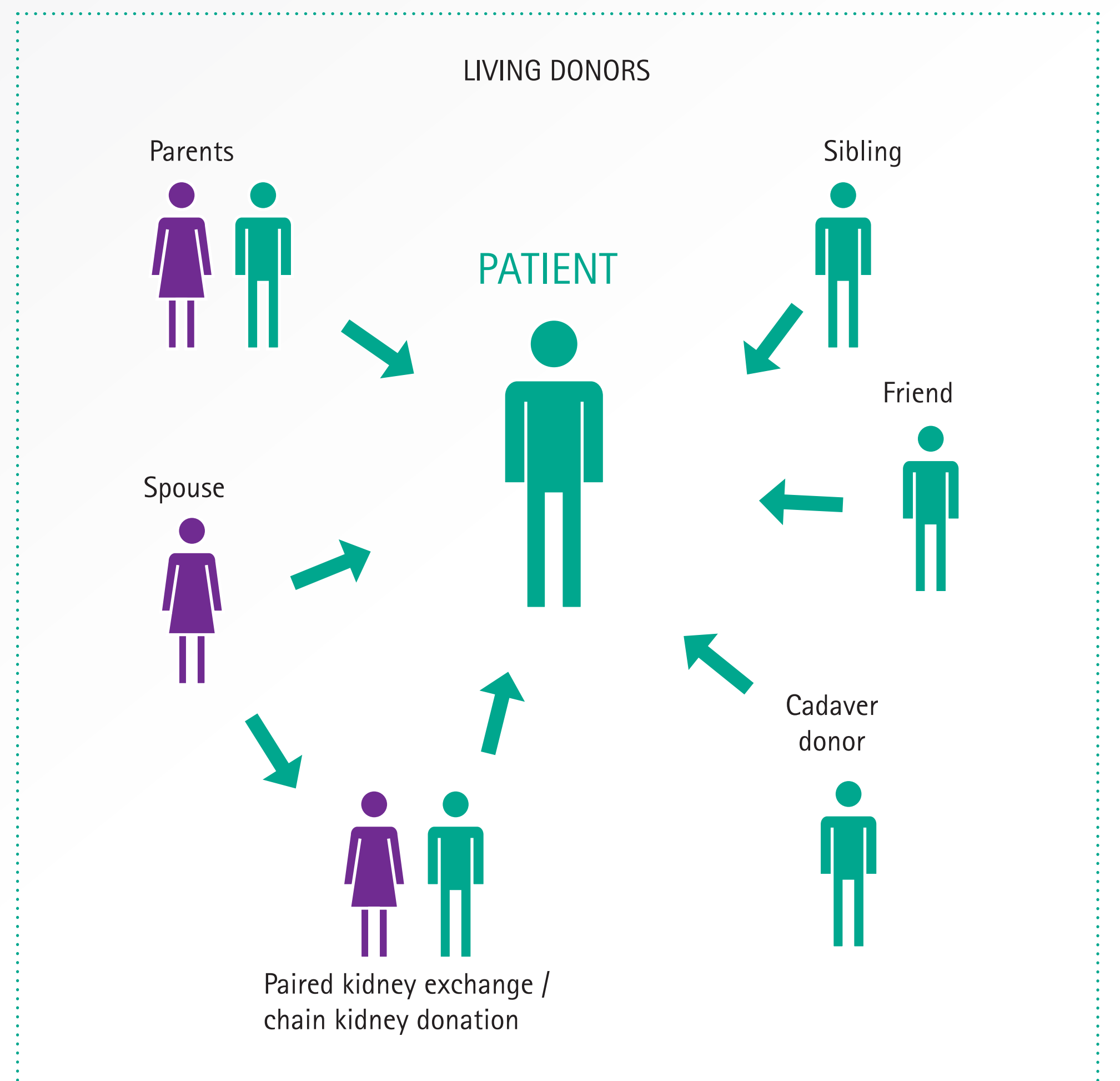
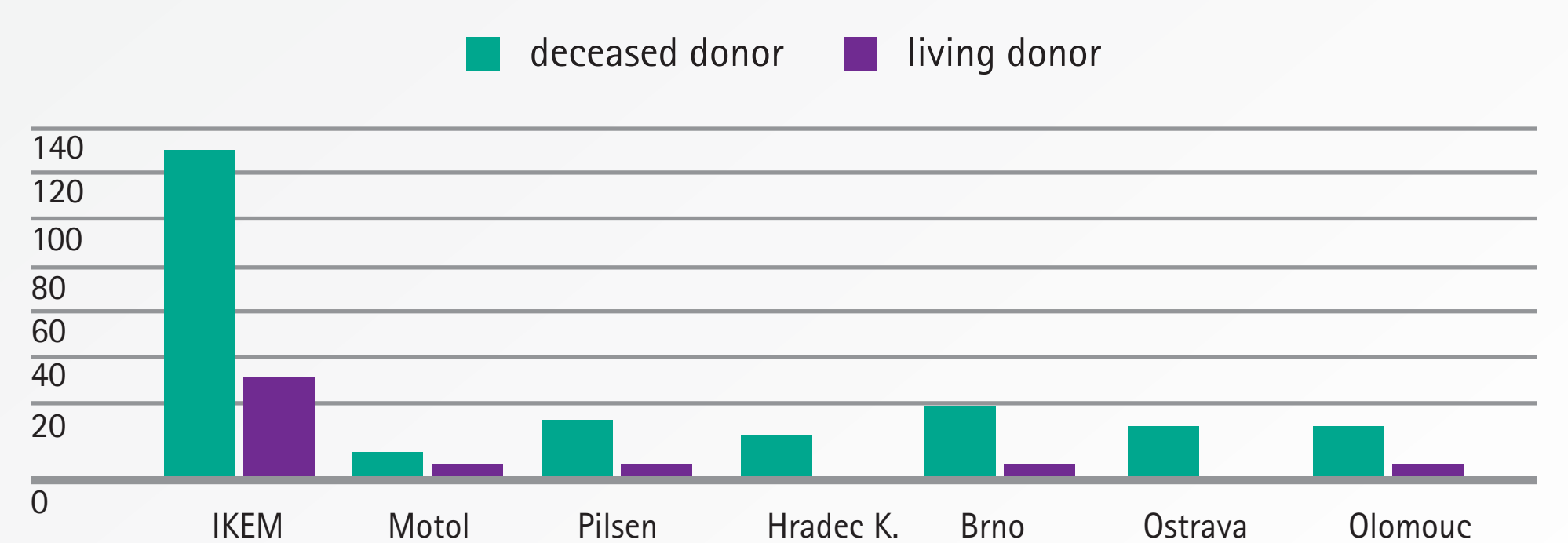
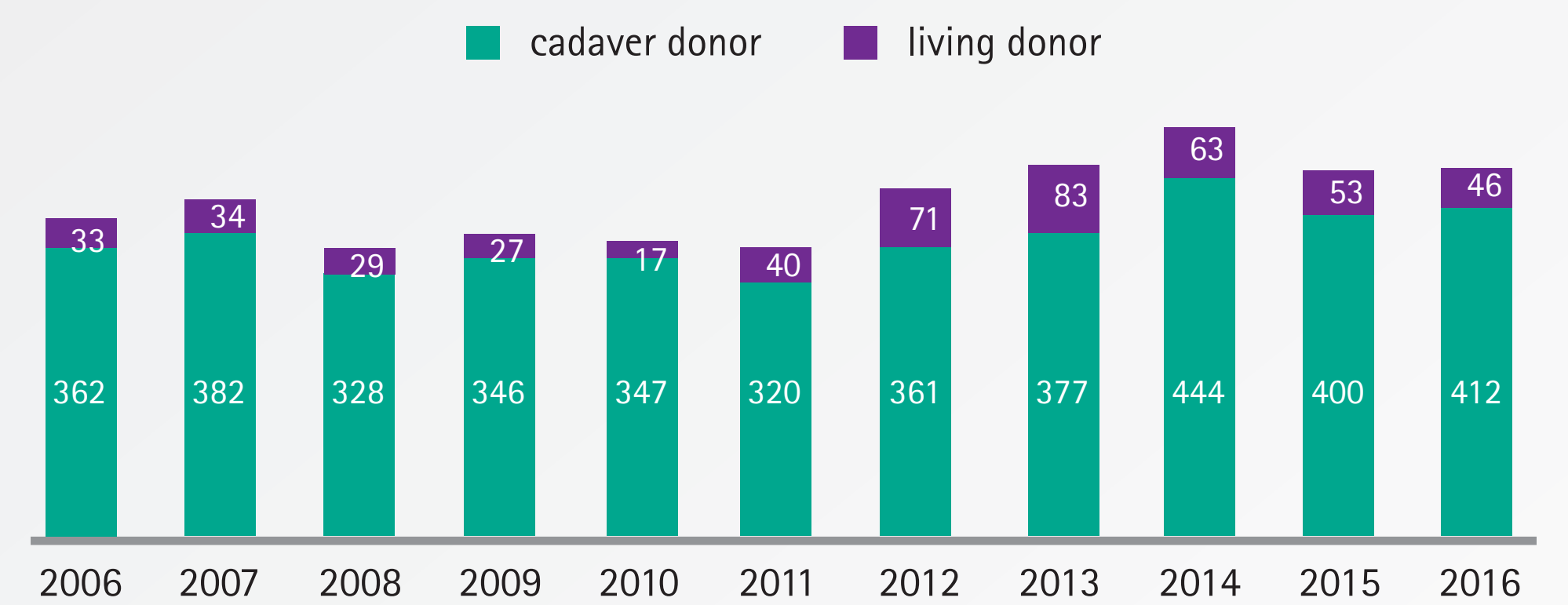
METHODS AND MATERIALS

Czech Society of Nephrology recommends to treat every patient in terminal phase of chronic renal failure with absence of contraindications by kidney transplant. Patients are often included into the cadaver donor kidney transplant program. However, if there is a suitable living donor, it is a matter of choice to enroll the patient to living donor kidney transplant program and especially in time before the initiation of dialysis treatment. Nowadays living donor is considered a blood relative person (parents, siblings...), blood non-relative person (spouse, brother-in-law...) and even emotionally related person (friend, companion...). There is another option to increase kidney graft pool, programs called paired kidney exchange or chain kidney donations.

According to statistics, transplantation from living donor reaches better results, in respect to an average length of patients' survival, in comparison to transplantation from cadaver donor.



RENAL TRANSPLANT ACTIVITY IN CZECH REPUBLIC



CONCLUSION

Although the dialysis treatment remains the only choice of treatment for many patients with end stage renal disease, according to statistics the average length of patients' survival is shorter compared to transplanted patients. However, we have to say that dialysis is still the most common and most affordable treatment of renal failure.

LITERATURE

Transplantation statistics adopted from www.kst.cz
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 Statistická ročenka 2016, Česká nefrologická společnost
 Eghlim Nemati et al.: Does Kidney Transplantation With Deceased or Living Donor Affect Graft Survival?, Nephro Urol Mon. 2014 July; 6(4): e12182.