

Insights into Kidney Paired Donation in Brazil: Unveiling Donors Perspectives

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Introduction

No financial disclosures.

Brazil performs less than half the estimated necessity of kidney transplants per year, leaving nearly 30,000 patients on the waiting list at the end of 2022.

Kidney paired donation (KPD) is a strategy to increase the number of living donor kidney transplants (LDKT), representing about 20% of such transplants in the United States.

In Brazil, we are only aware of a single two-way kidney exchange performed in 2020. Since then, the topic has gained more attention in the medical community.

Unfortunately, the voices of those most interested in and impacted by this program remain unheard. This study aimed to assess the perspectives of potential living kidney donors regarding KPD.

Methods

We conducted a prospective observational study at a single center. From October 2022 to March 2023, all kidney donor candidates undergoing evaluation attended a comprehensive lecture on KPD.

Subsequently, they anonymously responded to a questionnaire crafted by experts.

The questionnaire delved into various aspects, including comprehension of the donation process, awareness of potential risks and benefits, donor intentions, considerations of gains and losses, and knowledge about KPD.

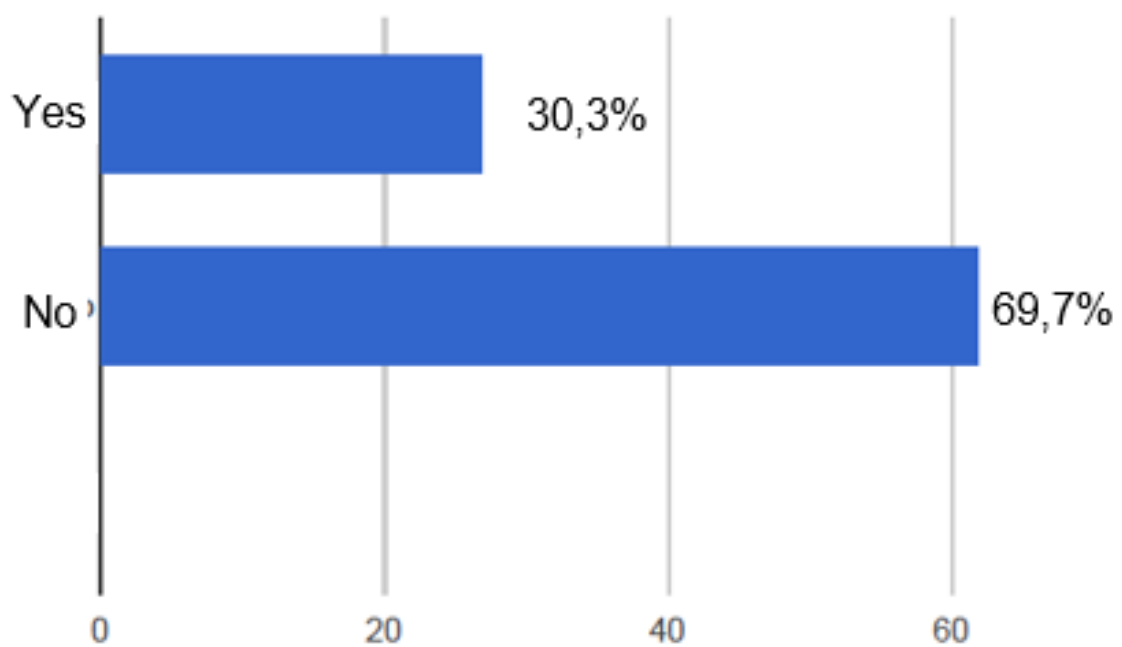
All patients who agreed to participate answered the questionnaire and signed informed consent were included in the analysis.

Results

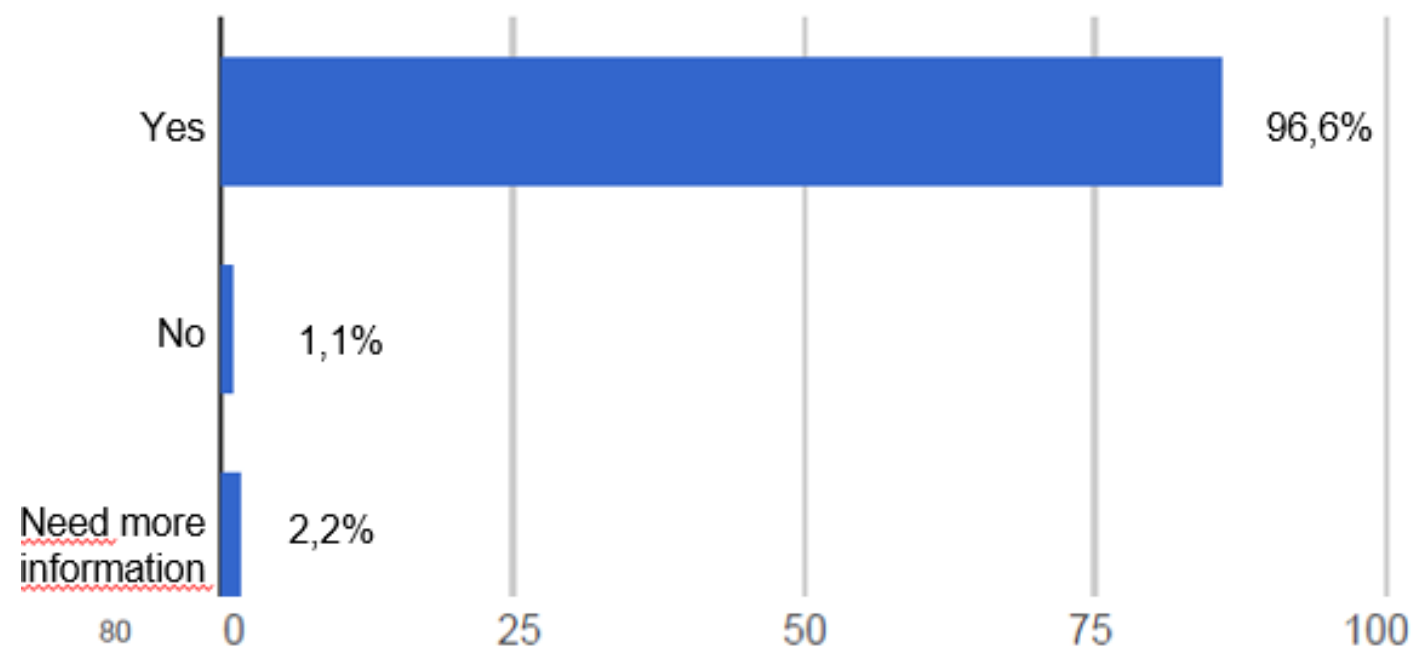
Demographic data		N=89
Age (mean \pm SD)		42,2 \pm 10,9
Sex (male, %)		46,1%
Race (non-white, %)		51,7%
Marital status (%)		
Single		27%
Married		53,9%
Divorced		5,6%
Religion (%)		
Catholic		56,2%
Protestant		27%
Non-informed		6,7%
Related to the recipient (%)		76,4%
Type of relationship (N= 78, %)		
Parent		14,7%
Sibling		38,2%
Offspring		17,6%
Uncle/Aunt		4,4%
Cousin		5,9%
Spouse		19,1%

Results

Have you ever heard about KPD?

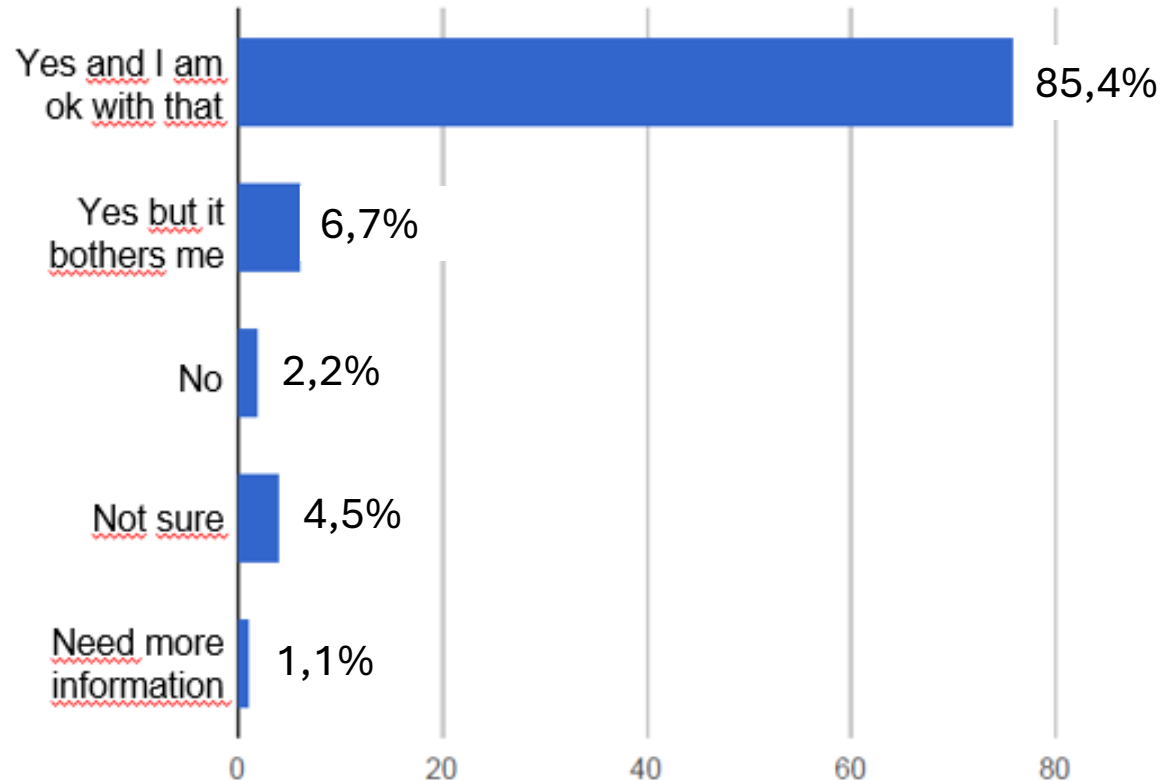


Did you understand what is KPD?

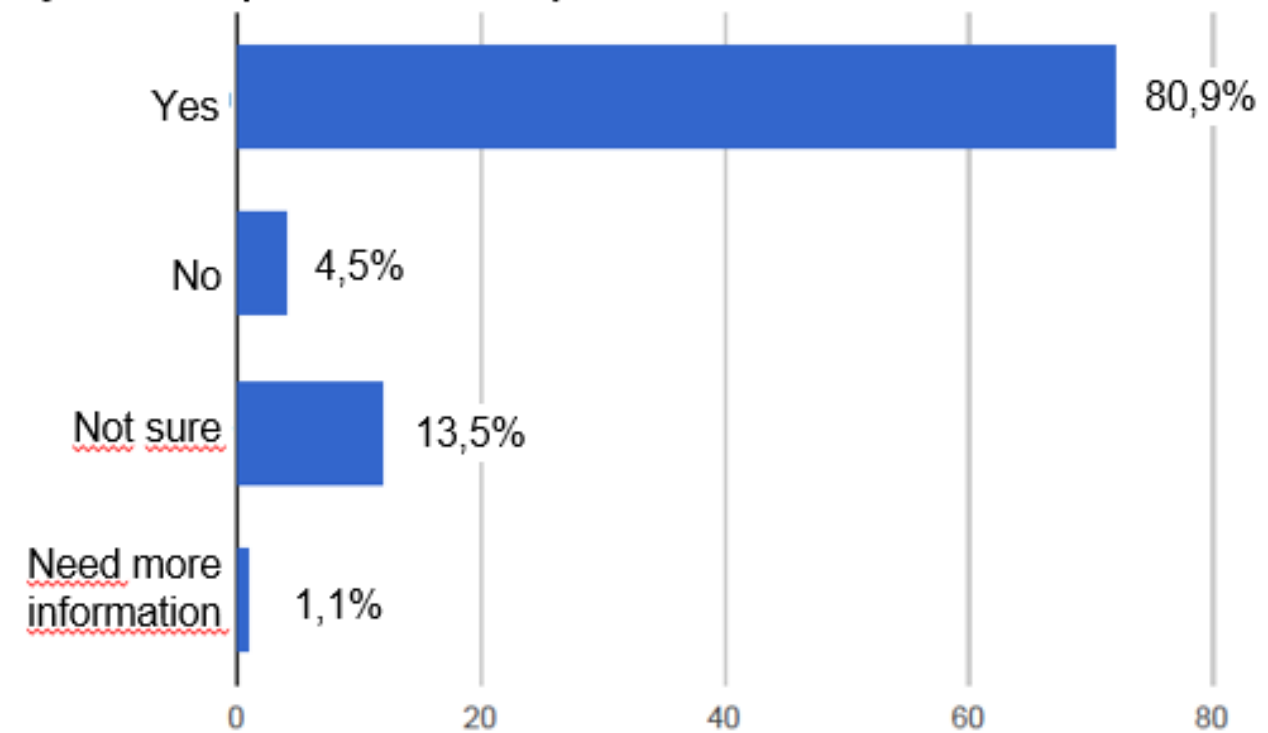


Results

Do you understand that recipients may experience different outcomes after transplantation?

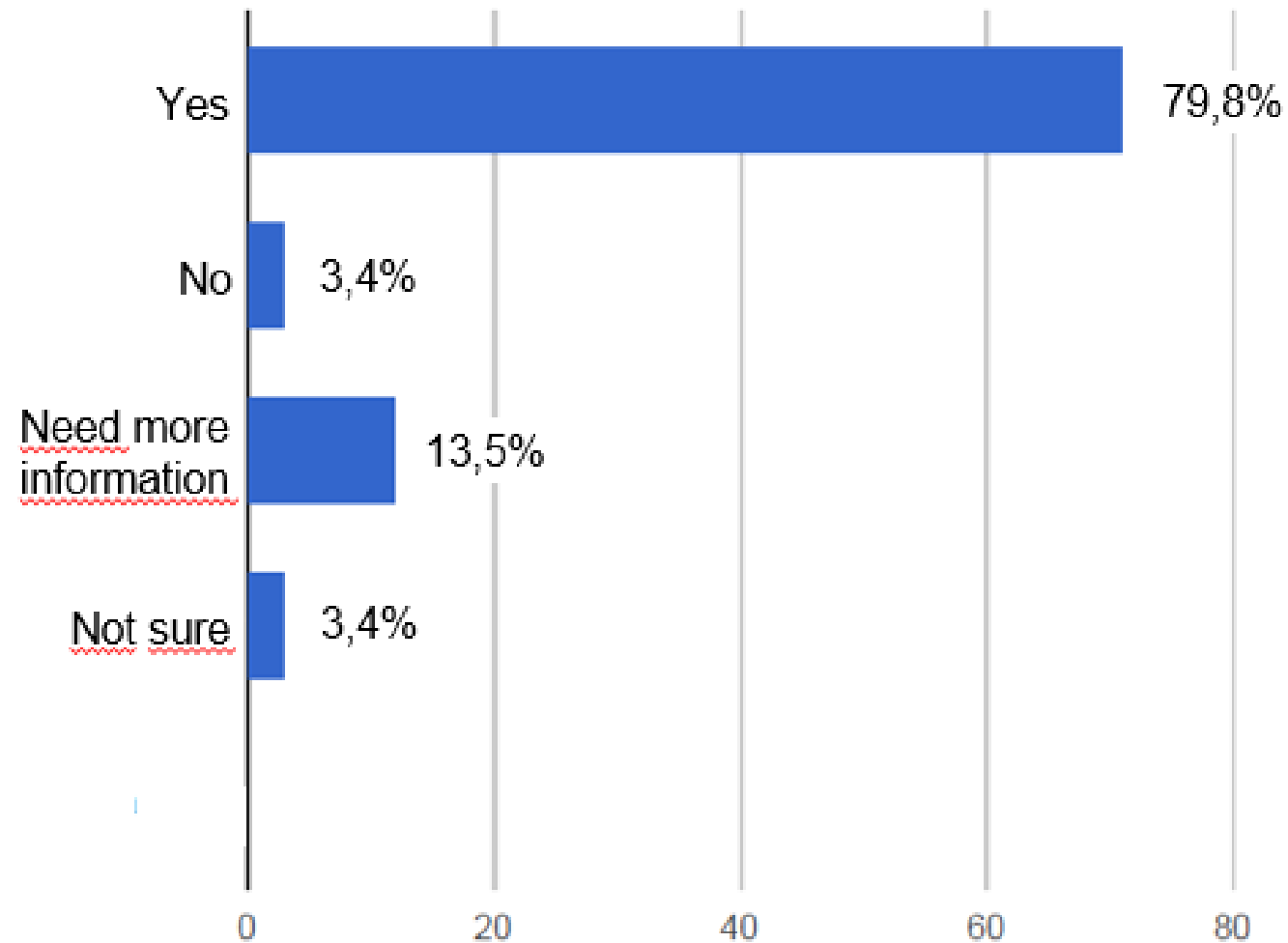


Would you still feel responsible for you recipient's transplant?



Results

Would you participate in a KPD program?



Conclusion

KPD has the potential to significantly increase the number of LDKT, leading to better outcomes for recipients.

This analysis underscores a widespread acceptance of this modality within the donor community.

Given that those are the two groups most directly impacted by the program, it is crucial to acknowledge and understand their perspectives.