

What's the best strategy to increase living kidney donation?

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A new analysis indicates that few strategies to increase living kidney donation have been evaluated effectively; however, educational strategies targeted to recipients and their family and friends have the best evidence of being successful. The analysis, which appears in an upcoming issue of the *Clinical Journal of the American Society of Nephrology (CJASN)*, also provides possible suggestions that could help investigators, organizations, and policy makers determine which, out of the many strategies that may be used to increase living donation, should be considered.

There is a critical need to increase rates of living kidney donation to address the growing organ shortage; however, it's unclear which strategies are effective. To investigate, Scott Klarenbach, MD, MSc (University of Alberta) and his colleagues summarized the breadth and quality of the evidence on approaches to increase living kidney donation.

When the researchers conducted a search of the medical literature, they found very few high quality studies. The most evidence related to educational strategies: those directed at both the potential recipient and their close social network. Of the 7 studies that focused on educational strategies, 2 studies that targeted the potential recipient's close social network reported significant benefits. Other approaches were also identified, but their impact was assessed through less rigorous study designs.

"Living kidney donation is the optimal treatment for patients with

[kidney failure](#), who would otherwise be treated with dialysis. It improves survival and quality of life, and is less resource intensive and can be safely performed with appropriate donor selection," said Dr. Klarenbach. "There are large numbers of patients with kidney failure waiting for a kidney transplant, and increasing living [kidney donation](#) would reduce their wait time and improve outcomes."

In an accompanying editorial, Krista Lentine, MD, PhD (Saint Louse University School of Medicine) Didier Mandelbrot, MD (University of Wisconsin School of Medicine) noted that certain steps are needed for practitioners and policymakers to expand living donor kidney transplantation. "We and others believe that the strategies that have the potential to improve informed consent and access to living kidney donor transplantation include: (a) broader and repeated living donor [kidney](#) transplantation education beginning at earlier stages of [kidney disease](#) and involving the patient's social network, (b) removal of disincentives to donation, (c) optimized efficiency in the evaluation of donor candidates, and (d) improving the safety and defensibility of [donor](#) selection," they wrote.

More information: "A Scoping Review for Strategies to Increase Living Kidney Donation," *Clinical Journal of the American Society of Nephrology* (2017). [DOI: 10.2215/CJN.01470217](https://doi.org/10.2215/CJN.01470217)

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