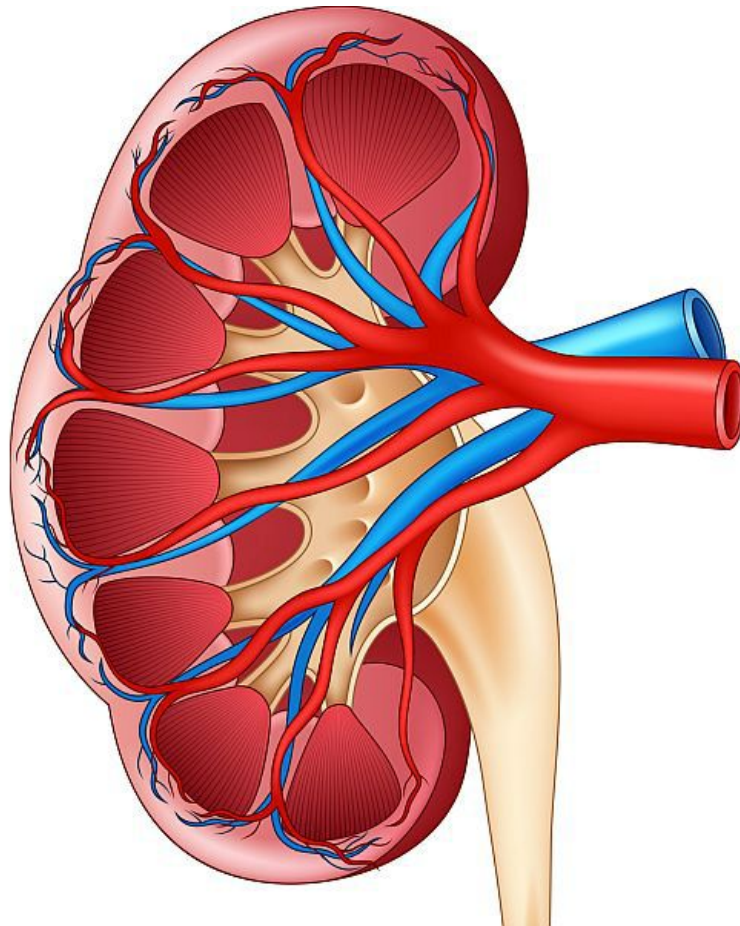


# Graft survival similar for kidneys from octogenarians

August 15 2017

---



(HealthDay)—Graft survival is similar for recipients of kidneys from

>80-year-old donors and donors aged  $\leq 60$  years, according to a study published online Aug. 9 in the *American Journal of Transplantation*.

Piero Ruggenenti, M.D., from the Clinical Research Centre for Rare Diseases Aldo e Cele Daccò in Bergamo, Italy, and colleagues compared [graft survival](#) for 37 recipients of one or two histologically evaluated kidneys from >80-year-old donors with 198 reference-recipients of nonhistologically evaluated single grafts from  $\leq 60$ -year-old donors.

The researchers found that two recipients (5.4 percent) and 10 reference-recipients (5.1 percent) required dialysis over a median of 25 months (crude and donor age- and sex-adjusted hazard ratios, 1.55 [95 percent confidence interval, 0.34 to 7.12;  $P = 0.576$ ] and 1.41 [95 percent confidence interval, 0.1 to 19.54;  $P = 0.798$ ]). Similar outcomes were confirmed in shared frailty analyses in a 1-to-2 propensity score study comparing recipients with 74 reference-recipients matched by center, year, and donor and recipient sex and age. Over 84-month follow-up, serum creatinine was similar across groups. Recipients had shorter waiting times than reference-recipients and matched reference-recipients (7.5 versus 36 and 40 months, respectively; both  $P$

"Biopsy-guided allocation of kidneys from octogenarian donors permits further expansion of the [donor](#)-organ pool and faster access to a [kidney](#) transplant, without increasing the risk of premature [graft](#) failure," the authors write.

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Graft survival similar for kidneys from octogenarians (2017, August 15) retrieved 5

May 2024 from <https://medicalxpress.com/news/2017-08-graft-survival-similar-kidneys-octogenarians.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.