

Hypertension Risk Higher for African-American Living Kidney Donors

Renal & Urology News

November 2012

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Section: BREAKINGNEWS

Length: 217 words

Highlight: More than 50 percent of those donors with hypertension are untreated

Body

African-American live kidney donors have a significantly increased risk of [hypertension](#) compared with non-donors, according to a study published online in the *American Journal of Transplantation*.

To examine the risk of hypertension and kidney disease in donors, Mona D. Doshi, MD, of Wayne State University in Detroit, and collaborators evaluated 103 African-American live kidney donors, who donated between 1993 and 2006 at two transplant centers, and 235 matched non-donors from the ***Coronary Artery Risk Development in Young Adults*** prospective cohort study. Donors and non-donors were followed for a mean of 6.8 or 6.4 years, respectively.

Donors had a significant 2.4 times increased hypertension risk compared with non-donors. In addition, 52.4% of the donors with hypertension were untreated. Of the donors, 15.5% had an estimated glomerular filtration rate below 60 mL/min/1.73 m², 5.8% had microalbuminuria, and none of them were on dialysis.

"The data from our retrospective study demonstrates that live kidney donation is associated with increased risk of hypertension in African-Americans," the researchers noted. "At this time, results of the current study should not dissuade African-Americans from being a live kidney donor, but does raise awareness about the importance of donor follow-up."

Classification

Language: ENGLISH

Publication-Type: Magazine

Hypertension Risk Higher for African-American Living Kidney Donors

Journal Code: Renal and Urology News

Subject: ORGAN DONATION (93%); AFRICAN AMERICANS (91%); HYPERTENSION (91%); DIALYSIS (90%); CARDIOVASCULAR DISEASE (90%); KIDNEY DISEASE (78%); RESEARCH REPORTS (78%); TRANSPLANT SURGERY (78%); DISEASES & DISORDERS (77%)

Geographic: MICHIGAN, USA (57%); UNITED STATES (93%)

Load-Date: November 12, 2012

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