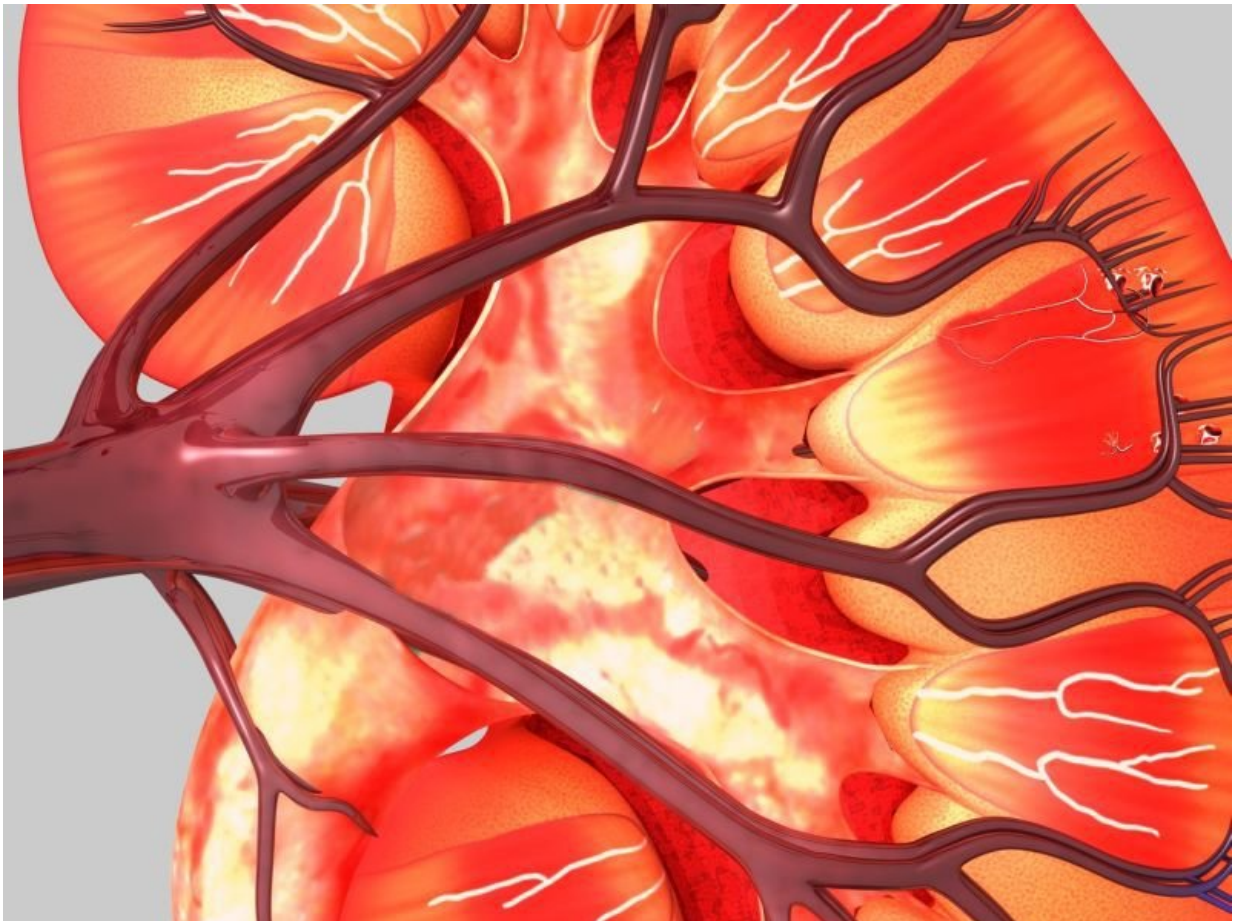


Type 2 diabetes ups risk of renal cancer in women, but not men

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(HealthDay)—Type 2 diabetes is independently associated with a greater

risk of renal cell carcinoma (RCC) in women, but not in men, according to a study published online April 20 in *Diabetes Care*.

Rebecca E. Graff, Sc.D., from Harvard University in Boston, and colleagues used data from 117,570 [women](#) participating in the Nurses' Health Study (NHS; 1976 to 2014) and 48,866 men participating in the Health Professionals Follow-up Study (HPFS; 1986-2014) in order to assess whether type 2 diabetes is associated with RCC.

The researchers found that among NHS participants there were 418 RCC cases, including 120 fatal cases, and among HPFS participants there were 302 RCC cases, including 87 fatal cases. There was a significantly increased risk of RCC among women with type 2 diabetes versus women without type 2 diabetes (multivariable hazard ratio [HR], 1.53; 95 percent confidence interval [CI], 1.14 to 2.04). This association was stronger for no more than five years' duration of type 2 diabetes (HR, 2.15; 95 percent CI, 1.44 to 3.23) versus more than five years' duration (HR 1.22; 95 percent CI, 0.84 to 1.78) ($P = 0.03$). However, there was no association between diabetes and RCC among men (HR, 0.89; 95 percent CI, 0.56 to 1.41).

"Additional studies in populations with adequate confounder information are needed to confirm our findings and to further explore possible sex differences in the association between type 2 [diabetes](#) and RCC," the authors write.

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

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