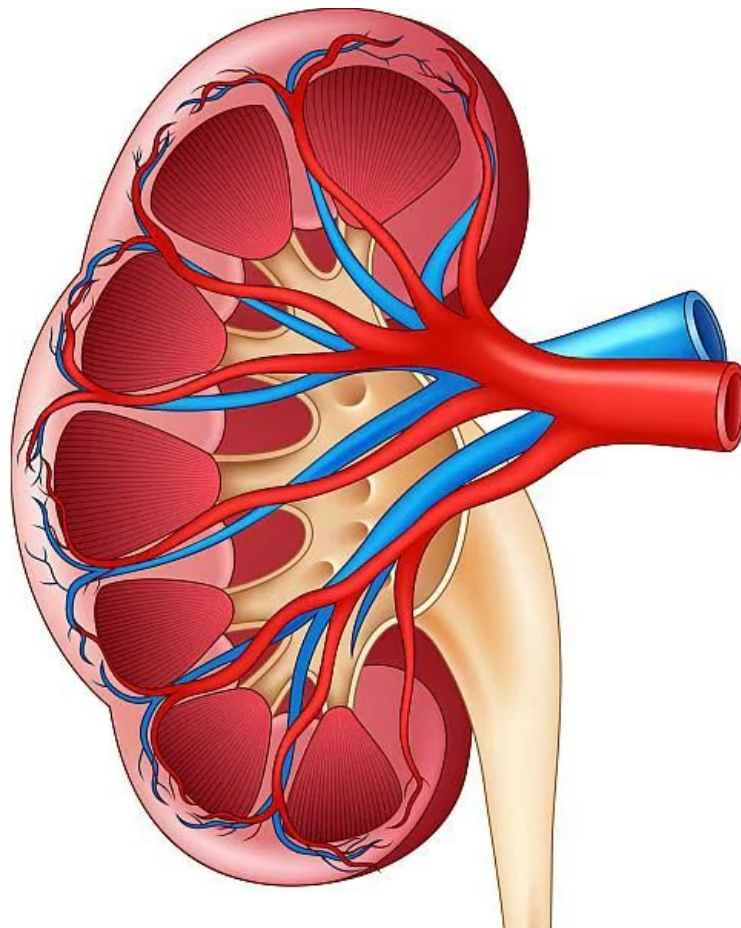


# Allopurinol linked to reduced risk for CKD stage $\geq 3$ in gout

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(HealthDay)—For patients with gout, allopurinol is associated with a

reduced risk for developing chronic kidney disease stage  $\geq 3$ , according to a study published online Oct. 8 in *JAMA Internal Medicine*.

Ana Beatriz Vargas-Santos, M.D., from the State University of Rio de Janeiro, and colleagues conducted a propensity score-matched, population-based prospective cohort study of individuals with newly diagnosed gout who initiated allopurinol  $\geq 300$  mg/day versus those who did not initiate allopurinol. A total of 4,760 initiators of allopurinol were propensity score-matched with the same number of non-initiators.

The researchers found that 579 allopurinol initiators and 623 non-initiators developed chronic kidney disease stage  $\geq 3$ , with a mean follow-up of five and four years, respectively. Compared with non-users, allopurinol use  $\geq 300$  mg/day was correlated with a lower risk for developing [chronic kidney disease](#) stage  $\geq 3$  (hazard ratio, 0.87; 95 percent confidence interval, 0.77 to 0.97). There was no significant correlation between allopurinol initiation

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