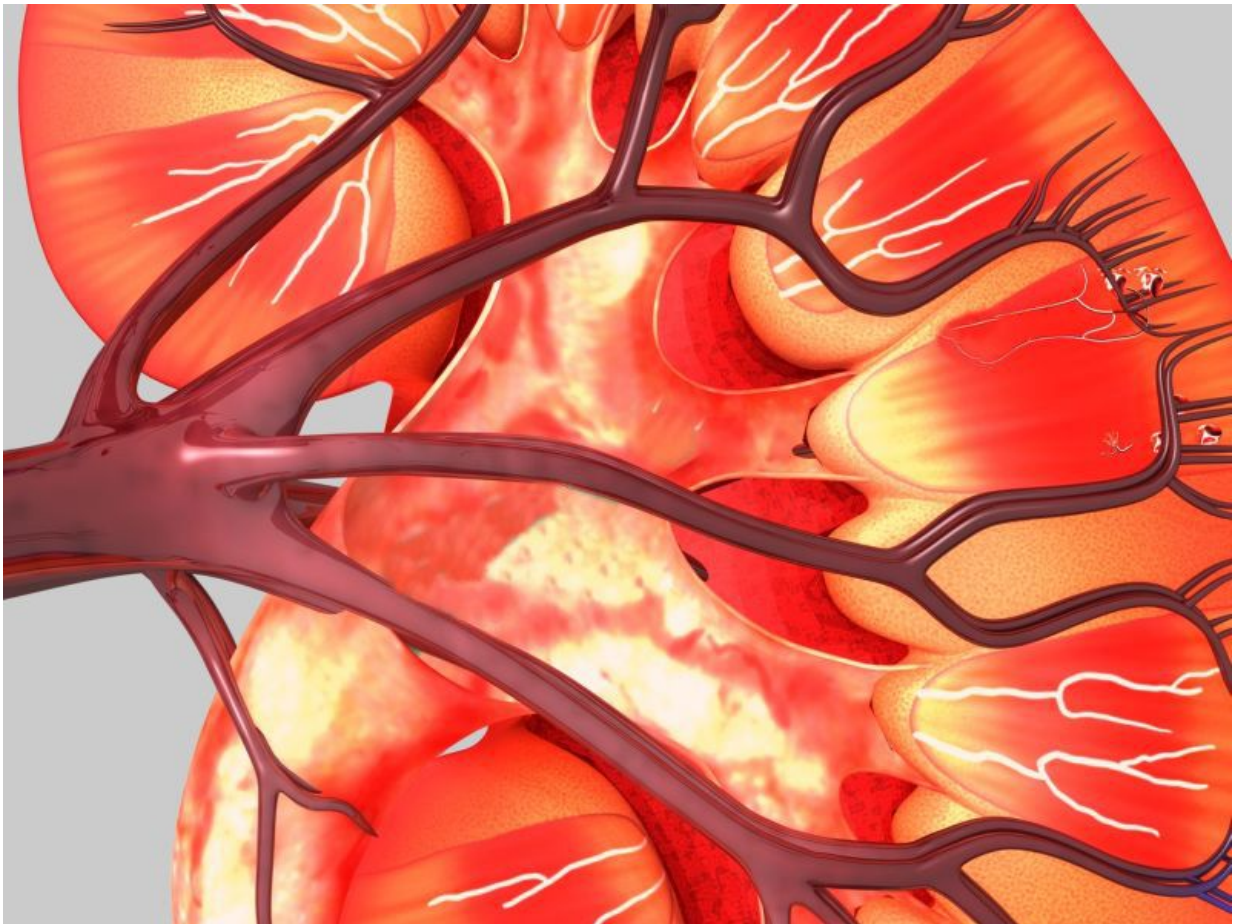


Low HDL-C, high TG increase risk for diabetic kidney disease

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(HealthDay)—For patients with diabetes, low high-density lipoprotein

cholesterol (HDL-C) and high triglyceride (TG) levels are associated with increased risk of diabetic kidney disease (defined as low estimated glomerular filtration rate [eGFR], an eGFR reduction >30 percent, and/or albuminuria), according to a study published online Oct. 4 in *Diabetes Care*.

Giuseppina T. Russo, M.D., Ph.D., from the University of Messina in Italy, and colleagues conducted an observational retrospective study involving 15,362 patients attending Italian diabetes centers with baseline eGFR ≥ 60 mL/min/1.73 m², normoalbuminuria, and [low-density lipoprotein cholesterol](#) ≤ 130 mg/dL completing a four-year follow-up.

The researchers found that TG ≥ 150 mg/dL correlated with increases in the risk of low eGFR (26 percent), eGFR reduction >30 percent (29 percent), albuminuria (19 percent), and developing one abnormality (35 percent). HDL-C

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