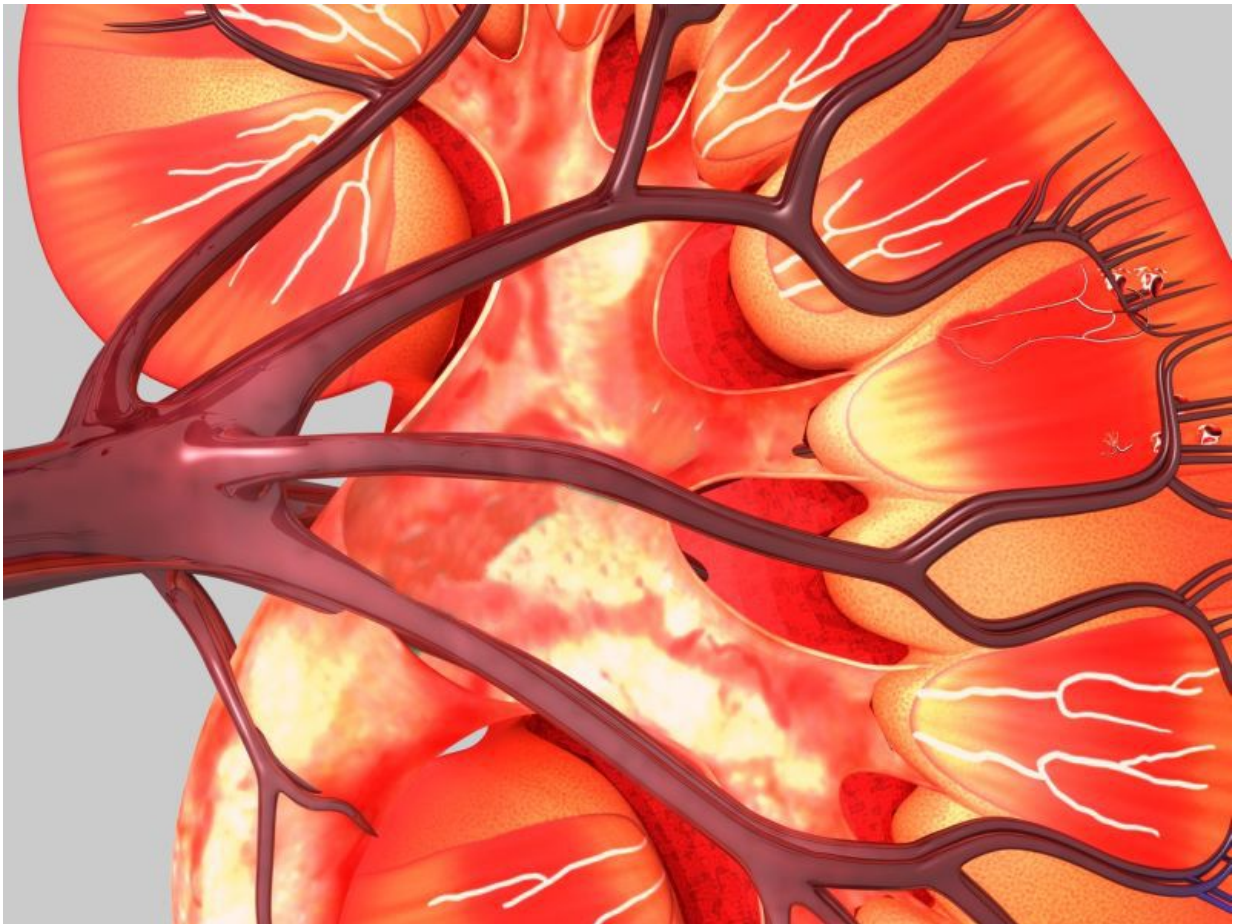


# Eight pre-op variables linked to post-op kidney function

October 10 2016

---



(HealthDay)—For adults undergoing surgery, eight preoperative

variables, including low preoperative mean arterial blood pressure, are associated with postoperative kidney function, according to a study published online Oct. 5 in *Anaesthesia*.

Samir M. Kendale, M.D., from the New York University Langone Medical Center in New York City, and colleagues examined the correlation of preoperative variables with kidney function in 41,523 adults after scheduled surgery in a large academic hospital.

The researchers identified eight variables that were independently linked to a reduction in postoperative estimated [glomerular filtration rate](#) (eGFR). These included preoperative renal function, age, American Society of Anesthesiologists physical status, [cardiac failure](#), anemia, cancer, type of [surgery](#), and the lowest quartile of preoperative mean arterial blood pressure (

Citation: Eight pre-op variables linked to post-op kidney function (2016, October 10) retrieved 3 May 2024 from <https://medicalxpress.com/news/2016-10-pre-op-variables-linked-post-op-kidney.html>

<p>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.</p>
--