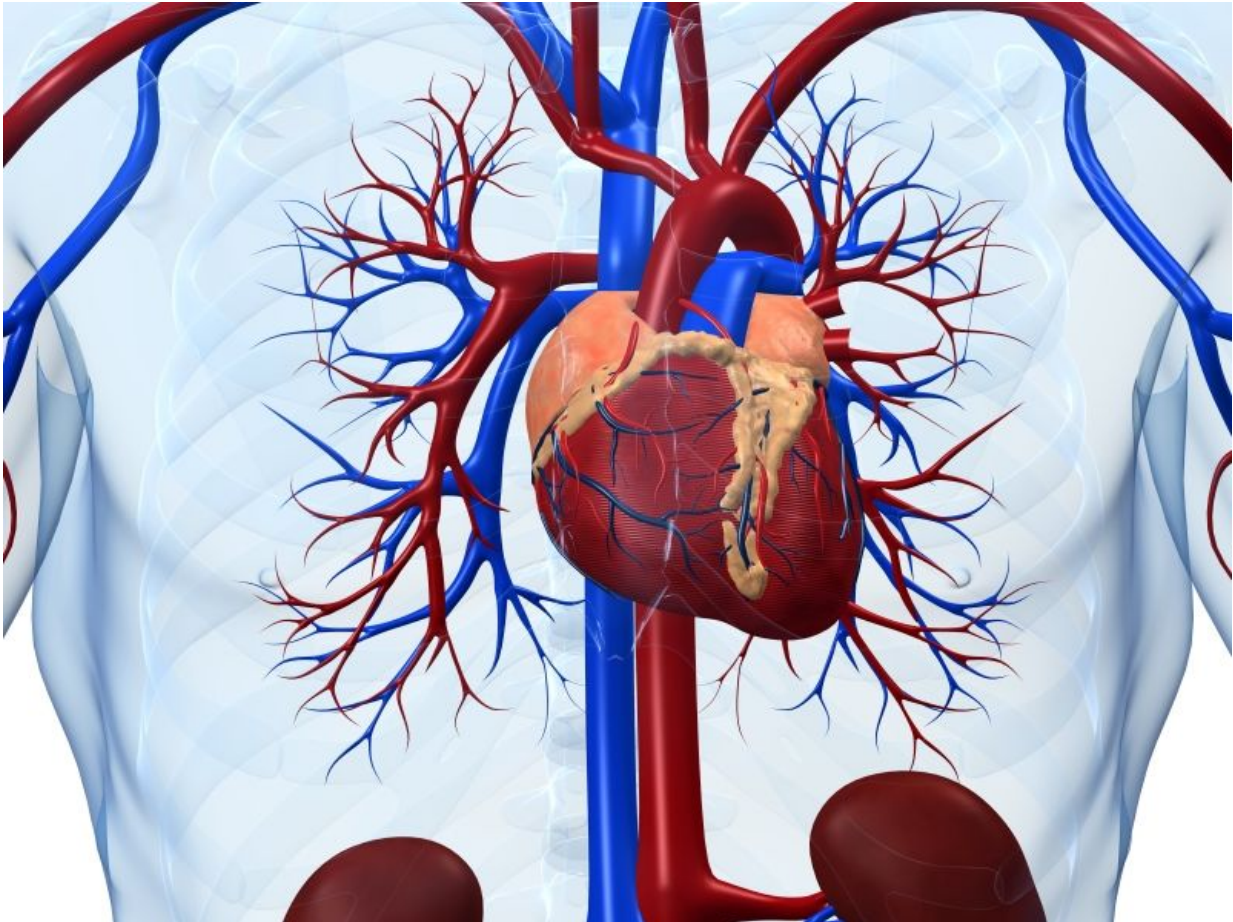


Emergency PCI linked to better outcomes

May 4 2016



(HealthDay)—Almost one-third of out-of-hospital cardiac arrest (OHCA) patients without ST-segment elevation (STE) require percutaneous coronary intervention (PCI), which is tied to a nearly

twofold increase in the rate of favorable outcomes, according to a study published in the April issue of *JACC: Cardiovascular Interventions*.

Florence Dumas, M.D., Ph.D., from Paris Descartes University, and colleagues used the PROCAT database (2004 to 2013) to identify all 958 OHCA patients (STE and no STE) who underwent emergent coronary angiogram (CAG); [percutaneous coronary intervention](#) (PCI) was also required in some patients.

The researchers found that 73 percent of the 958 patients had no evidence of STE on the post-resuscitation electrocardiogram. In 29 percent of them (199 of 695), PCI was necessary. In patients with PCI, a favorable outcome was seen in 43 percent (87 of 200), compared with 33 percent of patients without PCI (164 of 495). Favorable outcomes were also predicted by a shorter resuscitation length (

Citation: Emergency PCI linked to better outcomes (2016, May 4) retrieved 5 May 2023 from <https://medicalxpress.com/news/2016-05-emergency-pci-linked-outcomes.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>
--