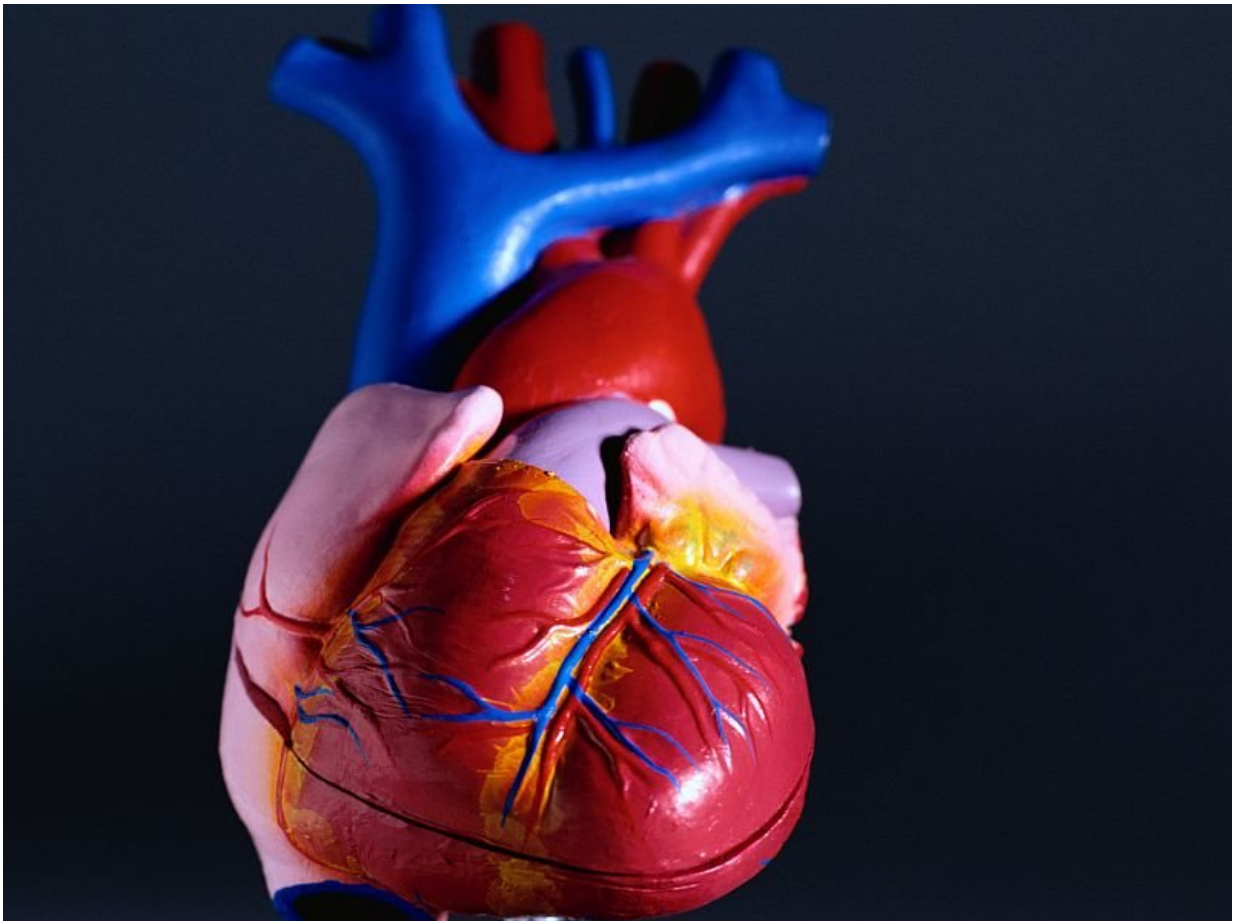


# Delayed coronary obstruction rare after TAVR

April 19 2018

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(HealthDay)—Delayed coronary obstruction (DCO) after transcatheter

aortic valve replacement (TAVR) is a rare phenomenon but is associated with a high in-hospital mortality rate, according to a study published in the April 10 issue the *Journal of the American College of Cardiology*.

Richard J. Jabbour, M.D., from Imperial College London, and colleagues used a large international registry to assess the incidence and pathophysiological features of DCO after TAVR (November 2005 to December 2016).

Over the study period, the researchers identified 38 DCO cases from a total of 17,092 TAVR procedures (incidence, 0.22 percent). DCO was more common after valve-in-valve procedures (0.89 versus 0.18 percent; P

"Clinicians should be aware that coronary obstruction can occur after the original TAVR [procedure](#) and have a low threshold for performing [coronary angiography](#) when clinically suspected," the authors write.

Several authors disclosed financial ties to the medical device industry.

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

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