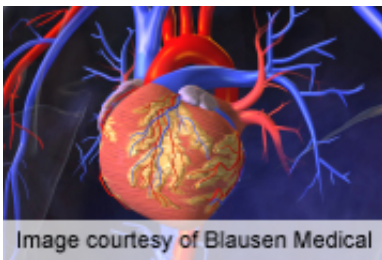


Smoking cessation ups survival for patients undergoing PCI

October 26 2013



(HealthDay)—Smoking cessation is associated with improved survival for patients who undergo percutaneous coronary intervention (PCI), according to a study published in the Nov. 1 issue of *The Journal of Cardiology*.

Sanneke P.M. de Boer, M.D., from the Erasmus Medical Center in Rotterdam, Netherlands, and colleagues describe the impact of [smoking cessation](#) in terms of prolonged life-years gained in a cohort of 856 [patients](#) who underwent PCI in 1980 to 1985. Smoking status at one year was available for 806 patients, and 27 patients who died within one year were excluded from analysis. Patients were followed for 30 years, with a median follow-up of 19.5 years.

The researchers found that the cumulative 30-year survival rate was significantly higher for patients who quit smoking versus persistent

smokers (29 versus 14 percent; $P = 0.005$). Smoking cessation remained an independent predictor of lesser mortality after adjustment for baseline characteristics at the time of PCI (adjusted hazard ratio, 0.57; 95 percent confidence interval, 0.46 to 0.71). The estimated life expectancy was significantly increased for those who quit smoking versus persistent smokers (18.5 versus 16.4 years; P "In conclusion, in patients with coronary heart disease who underwent PCI in the late 1980s, [smoking](#) cessation resulted in at least 2.1 life-years gained," the authors write.

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

Copyright © 2013 [HealthDay](#). All rights reserved.

Citation: Smoking cessation ups survival for patients undergoing PCI (2013, October 26)
retrieved 19 November 2023 from
<https://medicalxpress.com/news/2013-10-cessation-ups-survival-patients-pci.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>
--