

Sorafenib, sunitinib may pose cardiovascular risk

October 13 2015



(HealthDay)—Older kidney cancer patients treated with sorafenib or sunitinib may face an increased risk of cardiovascular adverse events, according to a study published online Oct. 6 in *Cancer*.

Sekwon Jang, M.D., from the Inova Dwight and Martha Schar Cancer Institute in Fairfax, Virginia, and colleagues used the Surveillance, Epidemiology, and End Results-Medicare database to identify patients who were 66 years or older and were diagnosed with [renal cell carcinoma](#) (RCC) from 2000 to 2009. The incidence of cardiovascular adverse events was analyzed through December 2010.

The researchers found that 171 of 670 patients who received sunitinib or sorafenib had cardiovascular events. The incidence rates for [congestive heart failure](#) and cardiomyopathy, [acute myocardial infarction](#), and

stroke were 0.87, 0.14, and 0.14 per 1,000 person-days, respectively. There was an increased risk of cardiovascular events associated with sunitinib or sorafenib use (hazard ratio [HR], 1.38), especially for stroke (HR, 2.84), compared with the 788 patients diagnosed with advanced RCC from 2007 to 2009 who were eligible but did not receive either drug. Patients aged 66 to 74 years at diagnosis had the highest increased risk of stroke associated with use of the drugs.

"Sunitinib and sorafenib might be associated with an increased risk of [cardiovascular events](#) and particularly stroke," conclude the authors.

Two authors report financial ties to the pharmaceutical industry.

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

Copyright © 2015 [HealthDay](#). All rights reserved.

Citation: Sorafenib, sunitinib may pose cardiovascular risk (2015, October 13) retrieved 8 May 2024 from <https://medicalxpress.com/news/2015-10-sorafenib-sunitinib-pose-cardiovascular.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>
--