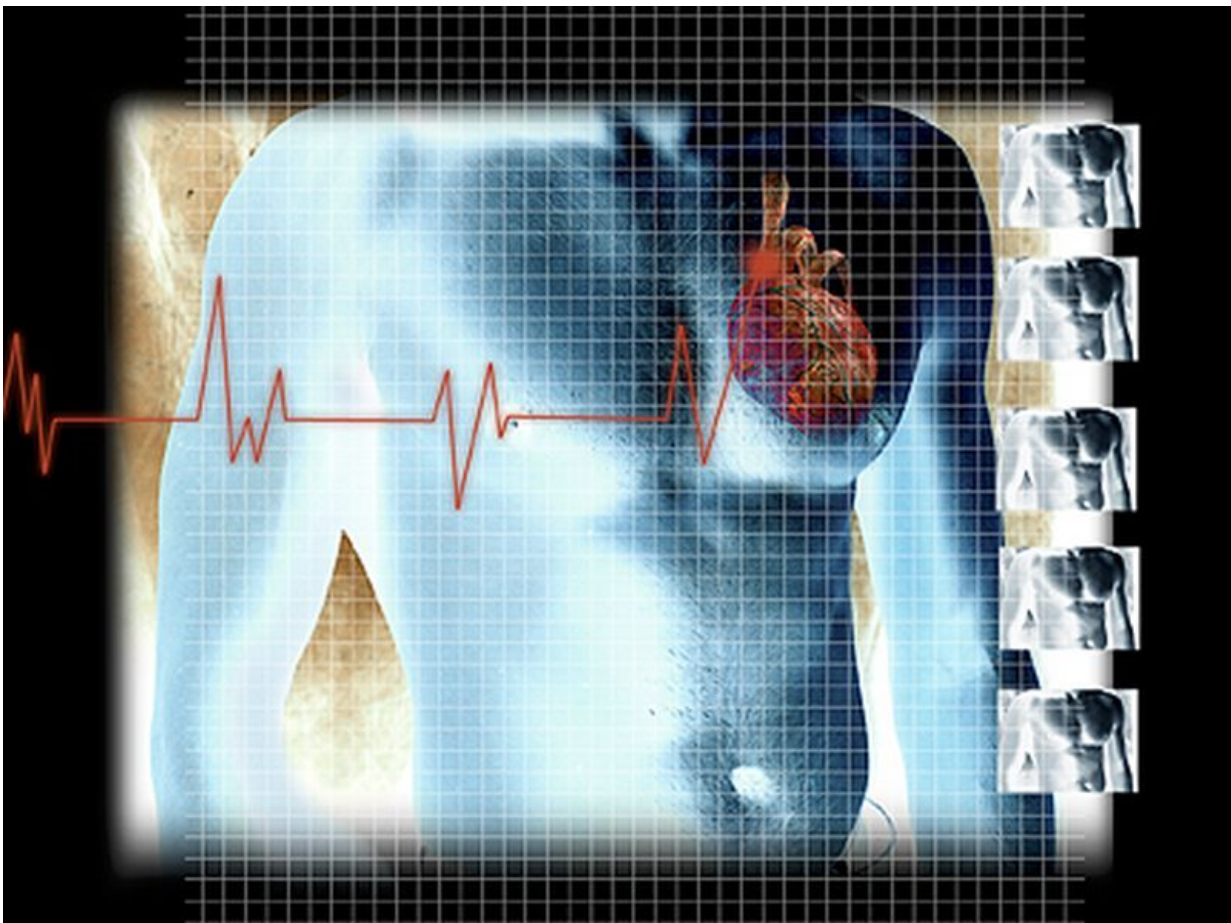


Poor outcome for rotor ablation in A-fib in randomized trial

May 9 2016



(HealthDay)—For patients with non-paroxysmal atrial fibrillation (AF),

rotor-only ablation is associated with a poor outcome compared with other ablation strategies, according to a randomized study published online May 6 in the *Journal of the American College of Cardiology*. The research was published to coincide with the annual meeting of the Heart Rhythm Society, held from May 4 to 7 in San Francisco.

Sanghamitra Mohanty, M.D., from St. David's Medical Center in Austin, Texas, and colleagues randomized non-paroxysmal AF [patients](#) undergoing first [ablation](#) to focal impulse and rotor modulation (FIRM)-guided ablation only (group 1; 29 patients), FIRM + pulmonary vein antrum isolation (PVAI) (group 2; 42 patients), or PVAI + posterior wall + non-PV trigger ablation (group 3; 42 patients).

The researchers terminated enrollment in group 1 early for futility. Procedure time was significantly shorter in group 3 versus groups 1 and 2 (P

"This is the first randomized study that compared three ablation strategies in non-paroxysmal AF patients and reported a very poor outcome with rotor-only ablation," the authors write.

Several authors disclosed financial ties to the pharmaceutical and medical device industries.

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

[More Information](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Poor outcome for rotor ablation in A-fib in randomized trial (2016, May 9) retrieved 9 May 2024 from <https://medicalxpress.com/news/2016-05-poor-outcome-rotor-ablation-a->

[fib.html](#)

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.