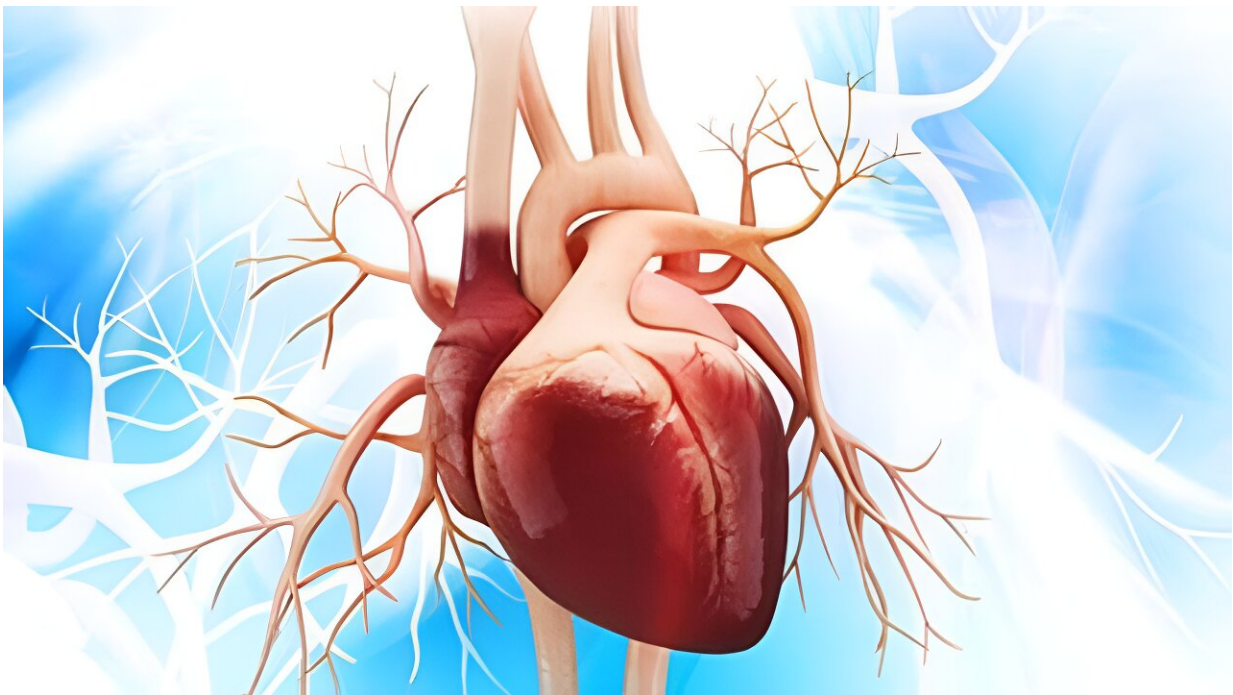


# **TCT: Ticagrelor monotherapy within one month of DAPT noninferior to continued DAPT**

October 27 2023, by Elana Gotkine

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For patients with acute coronary syndrome (ACS), stopping dual antiplatelet therapy (DAPT) within one month for ticagrelor monotherapy is noninferior and superior to 12 months of ticagrelor-based DAPT, according to a study published online Oct. 25 in

*Circulation* to coincide with the annual Transcatheter Cardiovascular Therapeutics conference, held from Oct. 23 to 26 in San Francisco.

Sung-Jin Hong, M.D., from Yonsei University College of Medicine in Seoul, South Korea, and colleagues conducted a randomized, open-label, noninferiority trial involving 2,850 patients with ACS who underwent drug-eluting [stent implantation](#) at 24 centers in South Korea and were randomly assigned to receive ticagrelor monotherapy (90 mg twice daily) after less than one month of DAPT or 12 months of ticagrelor-based DAPT (1,426 and 1,424 patients, respectively).

The researchers found that the primary end point of net clinical benefit as a composite of all-cause death, [myocardial infarction](#), definite or probable stent thrombosis, stroke, and major bleeding at one year after the index procedure in the intention-to-treat population occurred in 2.8 and 5.2 percent of patients in the group receiving ticagrelor monotherapy after less than one month of DAPT and the ticagrelor-based 12-month DAPT group, respectively (hazard ratio, 0.54).

Major bleeding occurred significantly less often in the group receiving ticagrelor monotherapy after less than one month of DAPT versus the 12-month DAPT group (1.2 versus 3.4 percent; hazard ratio, 0.35).

"The significant reduction in [major bleeding](#) in the ticagrelor monotherapy after

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