

# Thrombocytopenia up with use of phosphate-buffered tirofiban

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(HealthDay)—For patients with acute coronary syndrome, phosphate-

buffered tirofiban, but not citrate-buffered tirofiban, is associated with an increased risk of thrombocytopenia, according to a study published in the Aug. 22 issue of *JACC: Cardiovascular Interventions*.

Marianna Adamo, M.D., from Erasmus Medical Center in Rotterdam, Netherlands, and colleagues randomized 3,232 patients to receive tirofiban or unfractionated heparin (UFH). A total of 879 patients were allocated to phosphate-buffered tirofiban and 874 to the UFH group in the early phase, and 737 and 742 patients were treated with citrate-buffered tirofiban and UFH, respectively, in the late phase.

The researchers found that patients treated with phosphate-buffered tirofiban had an increased relative risk for thrombocytopenia in the early phase (odds ratio, 3.51 [95 percent confidence interval (CI), 1.15 to 10.73] for nadir

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