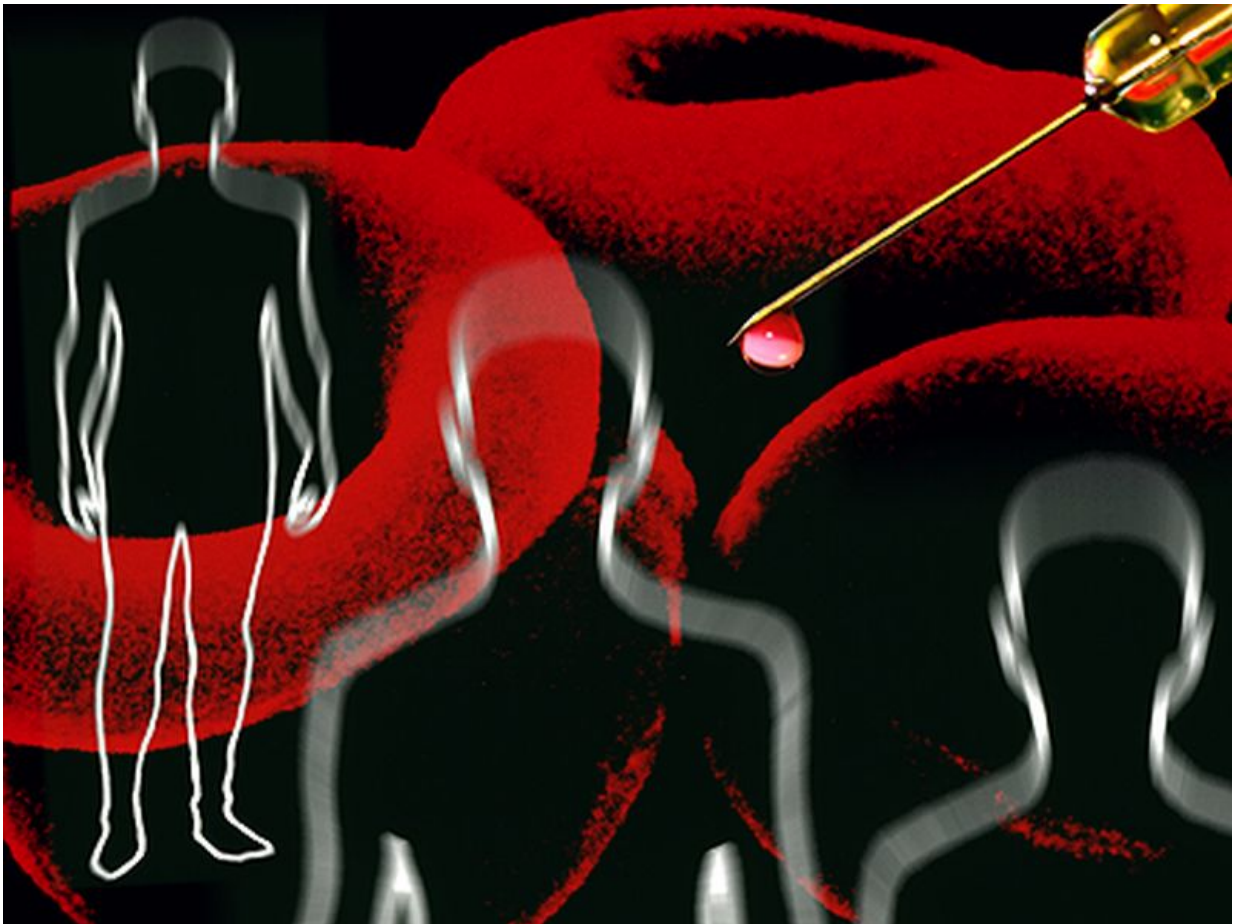


Low platelet count linked to thrombosis in aPL carriers

July 10 2017



(HealthDay)—For antiphospholipid antibody (aPL) carriers, low platelet

count is associated with increased risk of developing thrombosis, according to a study published online June 29 in the *Journal of Thrombosis and Haemostasis*.

Ryo Hisada, from Hokkaido University in Sapporo, Japan, and colleagues examined the impact of platelet count in terms of predicting thrombotic events in aPL carriers in a retrospective study comprising 953 consecutive [patients](#) suspected to have autoimmune disease. Thrombotic risk was stratified by combining platelet count and antiphospholipid score (aPL-S).

The researchers observed a negative correlation between aPL-S and platelet count ($r = -0.2477$). Among patients who were aPL-positive, [thrombosis](#) developed more frequently in those with low platelet count versus those without (hazard ratio, 2.95). For aPL-negative patients, regardless of platelet count, there was no difference in the predictive value of thrombosis. Patients with low platelet count developed thrombosis more frequently than those without among patients with low aPL-S, (hazard ratio, 3.44); regardless of platelet count, patients with high aPL-S developed thrombosis frequently.

"aPL carriers with low platelet count are at high risk of developing thrombosis," the authors write. "In particular, 'low aPL-S carriers' may be stratified by platelet [count](#) in terms of predicting future thrombotic events."

Several authors disclosed financial ties to the pharmaceutical industry.

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

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Low platelet count linked to thrombosis in aPL carriers (2017, July 10) retrieved 3 May 2024 from <https://medicalxpress.com/news/2017-07-platelet-linked-thrombosis-apl-carriers.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.