

Review: Link for physical activity, atopic dermatitis unclear

September 26 2015



(HealthDay)—The correlation between physical activity and atopic dermatitis (AD) is unclear, according to a research letter published online Sept. 19 in the *British Journal of Dermatology*.

A. Kim, and Jonathan I. Silverberg, M.D., Ph.D., M.P.H., from the Northwestern University Feinberg School of Medicine in Chicago, conducted a systematic review of the literature and a meta-analysis to examine the [correlation](#) between AD and vigorous physical activity. Seven articles with eight studies were included in the final analysis; five of these were included in the meta-analysis.

The researchers observed a positive correlation between AD and

physical activity in three studies, an inverse correlation in three studies, and no correlation in one study. There were no studies of the correlation between exercise or physical activity and eczema severity. In a meta-analysis of four studies with 61,974 patients, 8.7, 8.8, and 23.8 percent of those with less than once weekly exercise, at least once weekly exercise, and at least three times weekly exercise, respectively, had a history of AD. In random-effects models, neither [vigorous physical activity](#) nor exercise at least once or three times weekly was associated with AD.

"Future studies are needed to address the knowledge gaps about the association of AD and [physical activity](#)," the authors write.

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

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

Citation: Review: Link for physical activity, atopic dermatitis unclear (2015, September 26) retrieved 23 April 2024 from <https://medicalxpress.com/news/2015-09-link-physical-atopic-dermatitis-unclear.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>
--