

# Increased global, subcutaneous inflammation in psoriasis

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$TBR_{\max-10\text{pixels}}$ , 2.13 versus 1.92;  $P = 0.03$ ). Higher FDG uptake values were seen for all aortic segments except the ascending aorta in psoriasis patients. Compared with controls, psoriasis patients had increased subcutaneous adipose tissue FDG uptake (mean  $TBR_{\max}$ , 0.49 versus 0.31;  $P = 0.002$ ; mean  $TBR_{\max-10\text{pixels}}$ , 0.39 versus 0.28;  $P = 0.01$ ).

"Both global arterial inflammation and subcutaneous inflammation were significantly increased in patients with moderate-to-severe psoriasis compared with controls," the authors write.

Several authors disclosed financial ties to pharmaceutical companies, including Pfizer, which funded the study.

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

(HealthDay)—Psoriasis patients have increased global arterial inflammation and subcutaneous inflammation, according to a study published online Oct. 27 in the *British Journal of Dermatology*.

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Kasper F. Hjuler, M.D., from the Aarhus University Hospital in Denmark, and colleagues examined signs of vascular inflammation in 12 untreated patients with moderate-to-severe psoriasis compared with 23 retrospectively matched controls assessed using  $^{18}\text{F}$ -fluorodeoxyglucose (FDG) [positron emission tomography](#) computed tomography. Aortic maximal standardized uptake values ( $SUV_{\max}$ ) and target-to-background ratio ( $TBR_{\max}$ ) of the whole vessel and aortic segments were used to measure vascular inflammation.

The researchers found that psoriasis patients had increased arterial inflammation compared with controls (mean whole vessel  $TBR_{\max}$ , 2.46 versus 2.09;  $P = 0.005$ ) and had increased average normalized FDG uptake based on conservative 10-pixel cut-off  $SUV_{\max}$  values (mean

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