

# Psoriasis linked to higher risk for thyroid disease

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(HealthDay)—Psoriasis is associated with an increased risk for thyroid

disease among U.S. adults, according to research published online March 16 in the *Journal of the American Academy of Dermatology*.

Jeffrey Liu, from the Keck School of Medicine at the University of Southern California in Los Angeles, and colleagues used data from the 2009 to 2014 National Health and Nutrition Examination Survey to examine the association between psoriasis and risk for [thyroid disease](#). The analysis included 15,582 people (aged  $\geq 20$  years).

The researchers found that the overall psoriasis prevalence was 2.6 percent. For all adult psoriasis patients, the odds of having thyroid disease were increased (adjusted odds ratio, 1.607). The odds of having thyroid disease were also increased for individuals aged 40 to 59 years (adjusted odds ratio, 2.667). Psoriasis was also associated with higher odds of thyroid dysfunction (adjusted odds ratio, 1.605) in sensitivity analyses when patients with known thyroid cancer were excluded.

"Further large cohort studies are warranted to characterize temporality between psoriasis diagnosis, psoriatic arthritis, and onset of thyroid dysfunction," the authors write.

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

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