

Overall risk for acne comparable for adults with dermatitis, controls

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The overall risk for acne is comparable for adults with atopic dermatitis

(AD) and controls, according to a study published online Feb. 26 in the *Journal of the European Academy of Dermatology and Venereology*.

Jacob P. Thyssen, M.D., Ph.D., from the University of Copenhagen in Denmark, and colleagues examined the prevalence, incidence, and risk for [acne](#) in adolescents and adults with AD in a matched cohort study including 6,600 adults with AD and 66,000 controls.

- The researchers found that the 12-month prevalence of acne was 3.7 and 3.9% in the general population and among AD patients, respectively.
- AD patients aged 12 to 18 years had the highest incidence rate of acne, and the incidence rate was slightly higher in women with AD than in men.
- In patients with AD, the overall risk was similar to that of the [general population](#) (hazard ratio, 0.96; 95% confidence interval, 0.88 to 1.06), while AD patients had a reduced risk for being treated for severe acne (hazard ratio, 0.59; 95% confidence interval, 0.47 to 0.73); the reduced risk was driven by adolescents and young adults.
- The hazard ratio of acne increased with age, reaching 1.41 (95% confidence interval, 1.07 to 1.84) and 2.07 (95% confidence interval, 1.42 to 3.03) for patients aged 30 to 39 years and 40 years or older, respectively, versus controls.

"The risk of severe acne was reduced in adolescent and younger patients with AD, but increased with age," the authors write.

More information: Jacob P. Thyssen et al, Incidence, prevalence and risk of acne in adolescent and adult patients with atopic dermatitis – a matched cohort study, *Journal of the European Academy of Dermatology and Venereology* (2022). [DOI: 10.1111/jdv.18027](https://doi.org/10.1111/jdv.18027)

Several authors disclosed financial ties to the pharmaceutical and medical device industries.

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