

Rosacea linked to increased risk of glioma

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(HealthDay)—Rosacea is associated with a significantly increased risk of developing glioma, according to research published online Jan. 27 in *JAMA Dermatology*.

Alexander Egeberg, M.D., Ph.D., of the University of Copenhagen in Hellerup, Denmark, and colleagues conducted a nationwide cohort study of the Danish population from 1997 to 2011 to examine the association between [rosacea](#) and the risk for [glioma](#). Data were analyzed for 68,372 patients with rosacea and 5,416,538 individuals in the reference population.

The researchers found that the incidence rate of glioma per 10,000 person-years was 3.34 in the reference population and 4.99 in patients with rosacea. In the primary analysis, the adjusted incidence rate ratio of glioma in patients with rosacea was 1.36 (95 percent confidence interval, 1.18 to 1.58). In an analysis limited to patients with a primary diagnosis of rosacea made by a dermatologist, the adjusted incidence rate ratio of glioma was 1.82 (95 percent confidence interval, 1.16 to 2.86).

"Rosacea was associated with a significantly increased risk for glioma in a nationwide cohort," the authors write. "This association may be mediated, in part, by mechanisms dependent on matrix metalloproteinases."

Two authors disclosed [financial ties](#) to [pharmaceutical companies](#).

More information: [Abstract](#)
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