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## Risk of uveitis in people with psoriasis and psoriatic arthritis: A 10-year nationwide cohort study

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**Background:** Uveitis has been associated with psoriatic arthritis, but the relationship between uveitis and psoriasis is unsettled.

**Objective:** To evaluate the risk of uveitis in people with psoriasis and psoriatic arthritis. **Methods:** We conducted a cohort study to assess the risk of incident uveitis in people affected by mild and severe psoriasis with and without psoriatic arthritis.

**Results:** We identified 8,602 people with psoriasis (including 531 with psoriatic arthritis and 8,071 without psoriatic arthritis) and 917,596 nonpsoriatic controls. Only the severe psoriasis with psoriasis arthritis group had a higher risk of

incident uveitis (adjusted incidence rate ratio (IRR) 3.31, 95% CI 1.07-10.25) than nonpsoriatic controls. The association became stronger in the sensitivity analysis limiting to incident anterior uveitis (adjusted IRR 4.00, 95% CI 1.29-12.41). The mild psoriasis with psoriatic arthritis group and the mild/severe psoriasis without psoriatic arthritis groups did not have an increased risk of incident uveitis.

**Conclusions:** Only people with severe psoriasis and psoriatic arthritis have an increased risk of incident uveitis, while those with mild psoriasis and psoriatic arthritis and those with psoriasis but no psoriatic arthritis do not.

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