

Co-occurrence of psoriasis and rheumatic diseases common

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Psoriasis is associated with rheumatic diseases, according to a study

published online Aug. 5 in the *Journal of the American Academy of Dermatology*.

Mimi Chung, from the University of California in San Francisco, and colleagues conducted a cross-sectional cohort study using the U.S.-based racially and ethnically diverse All of Us [national database](#) to examine the association between psoriasis and [rheumatic diseases](#). Rheumatic diseases of interest were identified in two cohorts: a psoriasis group with two or more diagnoses of psoriasis and a control group without a diagnosis of psoriasis.

The researchers identified a significant association for psoriasis with [psoriatic arthritis](#) (PsA), osteoarthritis, gout, fibromyalgia, rheumatoid arthritis, ankylosing spondylitis, Sjogren syndrome, and systemic sclerosis. Due to clinical overlap between PsA and other rheumatic conditions, the percentage of PsA patients diagnosed with concomitant diseases was examined; common codiagnosis included osteoarthritis, rheumatoid arthritis, and fibromyalgia (47.6, 15.1, and 12.7 percent, respectively).

"Co-occurrence of psoriasis and rheumatic diagnoses may in part be due to common underlying mechanisms such as higher body mass index," the authors write. "Of note, however, [psoriasis] was associated with an increased odds of rheumatic disease compared to controls even after adjustment for body mass index."

Several authors disclosed ties to the pharmaceutical industry.

More information: Mimi Chung et al, The Association of Psoriasis with Rheumatic Diseases: A National Cross-Sectional Study, *Journal of the American Academy of Dermatology* (2023). [DOI: 10.1016/j.jaad.2023.07.1021](#)

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