



ACNE, ROSACEA, AND RELATED DISORDERS (INCLUDING HIDRADENITIS SUPPURATIVA)

## A CASE OF CONCURRENT HIDRADENITIS SUPPURATIVA AND PSORIASIS

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**Background:** Hidradenitis suppurativa (HS) and psoriasis are considered chronic inflammatory diseases due to immune dysregulation. The high prevalence of psoriasis patients diagnosed with HS suggests the existence of common pathogenic links. Herein, we report a case of concurrent HS and psoriasis.

**Observation:** A 59 year old man was referred to us, with a 6 months history of a few round painful erythematous nodules in armpits and groin areas and he also had recently erythematous plaques with sharp boundaries and covered with pearlescent squamae on the trunk and extremities in a generalized distribution. He had no significant past medical history, but he had a family history of psoriasis. Physical examination was unremarkable. Two biopsies were taken: one from axillary and the other from skin lesion of the trunk. They confirmed the diagnosis of Verneuil's disease in the first case and psoriasis in the second one.

**Key message:** Hidradenitis suppurativa (HS) is a disorder of the apocrine gland causing a chronic, recurrent and painful inflammation. A recent study has established some connections between HS and one of its better-known and prevalent concomitant conditions, psoriasis. Hidradenitis suppurativa (HS) and psoriasis likely share immune-pathogenetic pathways, including interleukin-12/-23 and tumor necrosis factor-alfa. While HS and overlapping psoriasis aren't life-threatening conditions, the dual diagnosis is difficult to treat and is associated with a diminished quality of life. Further investigation is warranted to better characterize individuals with concomitant HS/psoriasis.

