

## Image Article

# Manifestation, Effects and Medicaments of Pemphigus

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## Abstract

Pemphigus is an autoimmune disease that causes blistering of the skin as well as the insides of the mouth, nose, throat, eyes, and genitals. In the United States, the disease is uncommon. Pemphigus is an autoimmune disease in which the immune system incorrectly attacks cells in the skin's top layer (epidermis) and mucous membranes.

**Keywords:** Pemphigus, Autoimmune disease, Immune system

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## CASE DESCRIPTION

Pemphigus is an autoimmune disease that causes blistering of the skin as well as the insides of the mouth, nose, throat, eyes, and genitals. In the United States, the disease is uncommon. Pemphigus is an autoimmune disease in which the immune system incorrectly attacks cells in the skin's top layer (epidermis) and mucous membranes. Patients with the disease produce antibodies against desmogleins, which are proteins that bind skin cells together. When these bonds are broken, the skin becomes fragile, and fluid can accumulate between its layers, resulting in blisters. Pemphigus is classified into two types, the most common of which are Pemphigus vulgaris is a skin and mucous membrane disease that typically affects the inside of the mouth. Pemphigus foliaceus is a skin condition. There is no cure for pemphigus, but it is often manageable with medications.

Pemphigus is an autoimmune disorder in which the immune system attacks normal skin. Antibodies, which are immune molecules, target proteins called desmogleins, which help connect neighbouring skin cells. When these connections are broken, the skin becomes fragile, and fluid can accumulate between cell layers, resulting in blisters. The immune system normally protects the body from infection and disease. Researchers are unsure what causes the immune system to activate the body's own proteins, but they believe genetic and environmental factors are both involved. Something in the environment may cause pemphigus in people who are predisposed to it due to their genetic makeup. Pemphigus can be caused by a tumour or by certain medications in rare cases.

Blistering of the skin and, in some cases, mucosal surfaces such as the inside of the mouth, nose, throat, eyes, and genitals is the primary symptom of pemphigus. The blisters are weak and prone to bursting, resulting in crusty sores. Blisters on the skin may fuse, resulting in raw-looking areas that are prone to infection and ooze copious amounts of fluid. The symptoms differ slightly depending on the type of pemphigus. Pemphigus vulgaris blisters frequently begin in the mouth, but they can later develop on the skin.



## REFERENCES

- 1) Basu, Keya, Moumita Chatterjee, Abhishek De and Pradip Mitra. "A clinicopathological and immunofluorescence study of intraepidermal immunobullous diseases." *Indian J Dermatol* 64 (2019): 101.
- 2) von Köckritz, A., S. Ständer, C. Zeidler and G. Bonsmann et al. "Successful monotherapy of pemphigus vegetans with minocycline and nicotinamide." *J Eur Acad Dermatol Venereol* 31 (2017): 85-88.
- 3) Jain, V. K., N. Jindal and S. Imchen. "Localized pemphigus vegetans without mucosal involvement." *Indian J Dermatol* 59 (2014): 210.