

# Acquired Blaschkoid Dermatitis: A Case Report

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## 1. Introduction

Acquired blaschkoid dermatitis is a rare skin condition usually unilateral inflammatory lesions along the lines of blaschko.

## 2. Case Report

A 32 year old male resident of Jaipur Rajasthan presented with itchy red lesions restricted to left side of the body since 10 days. These erythematous lesions were present along the lines of Blaschko on left side of the body on sites i.e. abdomen in S shape, left upper limb in linear shape and on left side back. The lesions were arranged in whorls and streaks corresponding to the lines of Blaschko. These were eczematous in nature and associated with itching. Histopathology report from the lesion showed spongiotic dermatitis with lymphocytic infiltrate in the dermis. Patient was treated like eczematous dermatitis with topical steroids and oral antihistaminics.

## 3. Discussion

The lines of Blaschko were described in 1901 by Alfred Blaschko [1]. In Blaschko's lines there is a V-shape over the upper spine, an S-shape on the abdomen, and an inverted U-shape from the breast area onto the upper arm. There are perpendicular lines down the front and back of the lower extremities.[3]

These lines possibly represent a form of human 'mosaicism' where two or more genetically distinct cell populations are present in an individual derived from a single zygote. These lines do not correspond to any known nervous, vascular or lymphatic structures but represent the developmental growth pattern of the skin.[2]

But no single theory as yet clearly elucidates the localization of Blaschko's lines.











## References

- [1] Blaschko A. Die Nervenverteilung in der Haut ihrer Beziehung zu den Erkrankungen der Haut. Wien: Wilhelm Braumuller, 1901. Quoted by Jackson R. The lines of Blaschko: A review and reconsideration. Br J Dermatol 1976;95:349-60.
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