**Photo Quiz**

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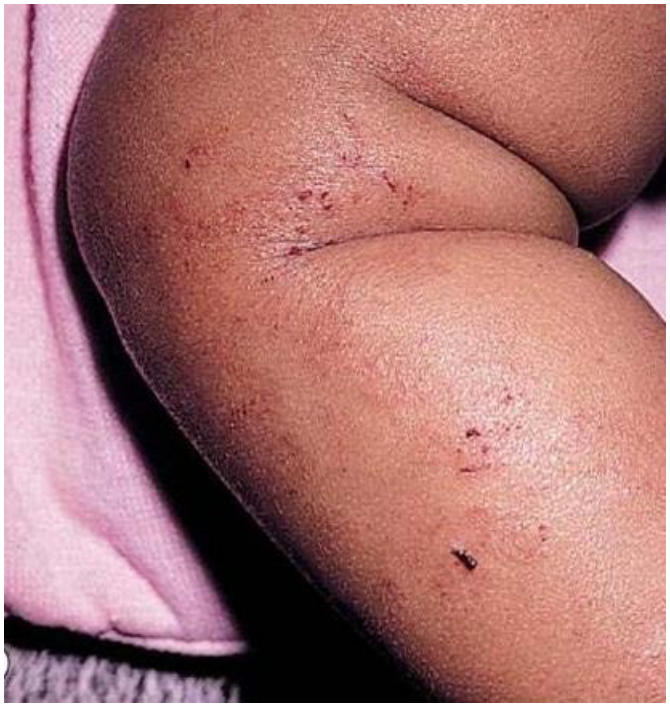
# A 12-year-old Boy with Generalized Edema

A 12-year-old boy who was referred with generalized edema, nephrotic range proteinuria, hypoalbuminemia and hyperlipidemia. His laboratory investigations showed thrombocytopenia and mild anemia, the other lab tests like kidney function test, liver function tests, complements, antinuclear antibody and serum electrolytes were in normal range. His urinalysis showed normal data except proteinuria. His physical examination revealed patchy skin lesions on dorsal side of the hands and feet (figure 1). Clinical signs and symptoms of the patient improved after 6 weeks of corticosteroids usage.

## What is your diagnosis?



# A 12-year-old Boy with Generalized Edema

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Final diagnosis of the patient based on genetic study was Wiskott-Aldrich syndrome (WAS). WAS is an X-linked disorder caused by mutations in the gene that encodes the Wiskott-Aldrich syndrome protein (WASp). The originally described features of WAS include susceptibility to infections (subsequently associated with adaptive and innate immune deficiency), microthrombocytopenia, and eczema.
The pathogenesis of renal involvement in Wiskott–Aldrich syndrome (WAS) is unclear and renal outcome is generally poor in such situations.

## References:

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