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Abstract

Zosteriform dermatosis

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Abstract:

The zosteriform distribution of cutaneous lesions is a common disease pattern in dermatology. It describes a unilateral girdle-like distribution restricted to the sensitive nerve territory of a dermatome. Three different pathogenic pathways can lead to a zosteriform pattern. The neural pathway uses the axons of a nerve ganglion for viral transport to a specific dermatome. The archetype is herpes zoster (HZ) followed by zosteriform herpes simplex virus type (HSV) I infection. The Blaschkoid pathway uses the Blaschko lines that represent embryonic migration patterns, often mimicking a dermatomal distribution, particularly on the trunk. The isotopic pathway defines a dermatosis that exclusively develops on the site of a previously healed HZ eruption.

Before a zosteriform eruption, a history of prior HZ guides the diagnosis to the isotopic pathway, mainly represented by granulomatous reactions followed by, among others, lichen planus, vasculitis and basal cell carcinoma. With no prior history of HZ recent eruptions orientate towards HZ and zosteriform HSV, whereas chronic eruptions should primarily evoke cutaneous metastases, principally from breast, ovary and lung carcinoma.

This presentation summarizes the relevant literature and presents a clinical algorithm for the differential diagnosis of zosteriform dermatoses

Biography:

Dr Lara el Hayderi has completed her PhD at the age of 31 years from Liège University and is currently clinical chief at University of Liège in Belgium. She has published more than 20 papers in reputed journals and has given numerous national and international conferences. She has done clinical research in the field of viral infectious diseases on herpes simplex and varicella zoster virus. She actively gives lectures on cosmetic and dermatology at the University and develops the field.

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