Unilateral Solitary Erythema Elevatum Diutinum

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Erythema elevatum diutinum (EED) is a rare leukocytoclastic vasculitis with unknown etiology consisting of violaceous, red-brown or yellowish papules, plaques or nodules that favor the skin overlying the extensor surfaces of small joints of the hands and knees with prompt response to sulfone medications. It has been associated with various rheumatologic diseases, viral infections, hematologic abnormalities, celiac disease and immunoglobulin A paraproteinemias with characteristic histologic findings. Atypical presentations of the disease have also been reported in the literature such as involvement of the palms and soles, and a solitary lesion in a patient with rheumatoid arthritis.EED usually has a protracted and insidious course that mimics other conditions in its development .Thus, it is rational to include it in the differential diagnosis of any chronic refractory papules, nodules or plaques on the characteristic skin sites .In addition, due to its rarity, atypical presentations ,multiple underlying conditions and finally a unique pathology, an important question which might has therapeutic implications, is "whether EED is an epiphenomenon and therefore a final common pathway of various heterogeneous diseases or a distinct entity?" Here the case of a 32 years old otherwise healthy man being reported with an 8 years history of a refractory solitary lesion on his right hand with prompt response to dapsone 100 mg had Bid within 2 weeks without any recurrence after 2 years of follow-up.

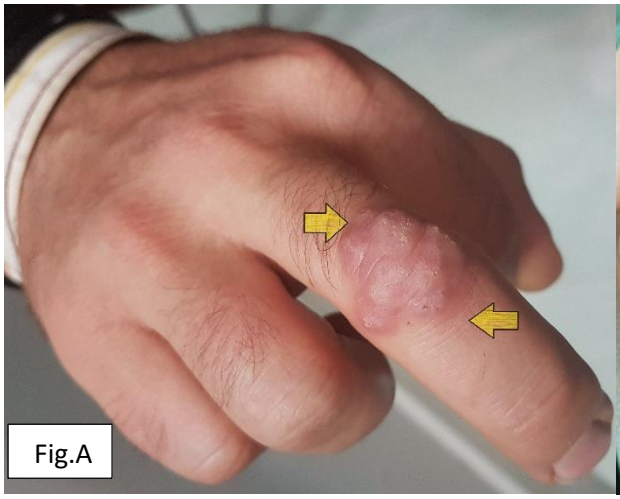
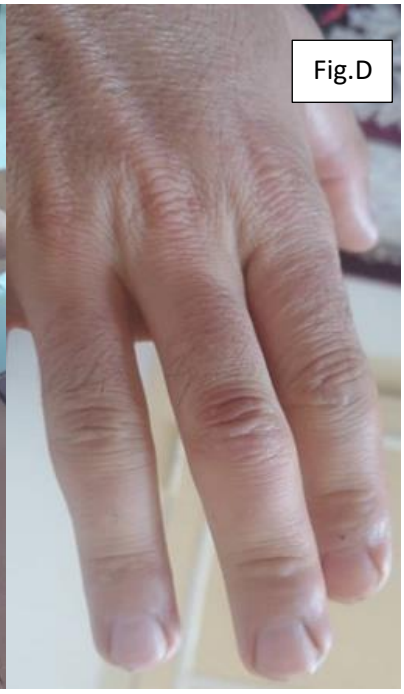

Fig.A


Fig.B


Fig.C


Fig.D

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Biography:

Dr.Fakhreddin Sabooniha is an associate professor of the cardiovascular medicine in the Sabzevar University of Medical Sciences. He studies especially on the cardiovascular manifestations of autoimmune diseases as well as the rheumatic and cardiac presentations of celiac disease. He also has expertise in diagnosing and treating rare disorders .His recent work is a case report of concurrent SAPHO syndrome and DISH which will be published by the Springer-Nature publishing soon.