



VASCULAR DISEASE, VASCULITIS

A CASE OF CUTANEOUS POLYARTERITIS NODOSA IN A PATIENT WITH PSEUDOXANTHOMA ELASTICUM

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Background: Reported is a unique case of a patient diagnosed concurrently with both pseudoxanthoma elasticum (PXE) and cutaneous polyarteritis nodosa (PAN). Both PXE and PAN are relatively uncommon, and we find no previous report in the literature of the occurrence of PAN and PXE in the same patient.

Observation: A 36-year-old woman presented with a 4-month history of progressive, ulcerating plaques on her bilateral lower legs. A biopsy at the border of the ulcer was performed and revealed necrotizing medium vessel arteritis present in the dermis which suggested PAN. Further investigations for internal involvement of PAN were negative. The patient was started on oral prednisone and the ulcers improved with treatment. Coincidentally, the patient was also noted to have multiple yellowish papules diffusely scattered on the posterior neck. These lesions were biopsied to reveal clumped elastic fibers in the mid and deep reticular dermis which indicated PXE. Currently, the patient is awaiting genetic evaluation for PXE.

Key message: This is a unique case of two uncommon diseases occurring in the same patient. Furthermore, this case emphasizes the importance of a thorough cutaneous exam, as the patient had the lesions consistent with PXE since childhood and had previously gone undiagnosed.

