



INFLAMMATORY SKIN DISEASES (OTHER THAN ATOPIC DERMATITIS & PSORIASIS)

PERFORATING PSEUDOXANTHOMA ELASTICUM IN ARMS: A RARE CASE REPORT

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Background: Pseudoxanthoma elasticum(PXE) is a rare inherited disease of connective tissue causing fragmentation and mineralization of elastic fibers. Coexistence of PXE and elastosis perforans serpiginosa (EPS) is now believed to be “perforating PXE”. We present a rare case of perforating PXE on arms of a middle-aged female.

Observation: A 43-year-old female presented with symmetric reddish brown, annular and pruritic lesions on upper arms, with slightly elevated borders. Histopathological findings revealed degenerative changes affecting the elastic fibers of the upper and mid dermis, the elastic fibers were fragmented and curled giving the appearance of raveled wool. It was also detected an outline of a narrow passage of the dermis to the external area of the epidermis, full of degrading elastic fibers, especially by Verhoeff van-gieson stain that characterized the perforating form of the pseudoxanthoma elasticum.

Key message: Perforating pseudoxanthoma elasticum(PXE) is a rare disease, and most commonly seen periumbilically. In this case the lesions occur in arms, and is typical both clinically and histopathologically. So we can understand the disease better by this case.

