

ECCRINE POROMA

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Eccrine poroma is a benign tumour, usually found over palms and soles. A 35-year-old lady presented with a raised nodule of 0.75 cm over the right palm. On excision biopsy it showed tumour masses consisting anastomosing bands with ductal lumina lined by an eosinophilic cuticle. A diagnosis of eccrine poroma was made. Due to paucity of reports in Indian literature we are reporting this case.

Key Word: Eccrine poroma

Introduction

Eccrine poroma, a benign appendageal tumour, was first described by Pinkus et al¹ in 1956. Mostly it is found on the soles² and palms. It is also been observed in other areas like chest, trunk and neck.³

Case Report

A 35-year-old lady presented with an asymptomatic slightly reddish raised nodule of 0.75 cm size over the right palm of one year duration. The nodule was completely excised and subjected to histopathological examination. The specimen showed tumour masses consisting of anastomosing bands extending downward into the dermis from the epidermis. The tumour cells were small clear uniform cuboidal cells. Narrow ductal lumina were seen within the tumour mass. The lumen was lined by an eosinophilic cuticle and by a single layer of cells (Fig.1). With the histological evidence and clinical appearance a diagnosis of eccrine poroma was made.

Discussion

Eccrine poroma arises within the lower portion of the epidermis and it proliferates downward into the dermis, consisting of broad anastomosing bands.⁴ The tumour cells



Fig. 1. Photomicrograph showing downward proliferation of tumour mass with ductal lumina.

contain significant amount of glycogen. In most of the cases, narrow ductal lumina or cystic spaces may be found as seen in our case.⁵ Eccrine poroma is sometimes located entirely within the epidermis or within the dermis. The dermal one is referred as dermal ductal tumour.⁵

References

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