A CASE OF PERFORATING FOLLICULITIS IN DOG

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Perforating folliculitis in man is a common disorder showing erythematous papules with a central keratinised plug involving the follicles and usually seen on the extremities and the buttocks. The histological pictures of these lesions has been described in detail (Mehregan and Coskey, 1968; Mehregan, 1977; Lever and Schaumburg-Lever, 1990). A similar case observed in the present study is reported here in view of the rarity of the condition in canines.

Dogs with skin lesions brought to the small animal clinic of Madras Veterinary College, Madras during 1985 - 89 were screened. The report pertains to a 5 years old female dog, having similar type of folliculitis. Formalin preserved paraffin sections stained with haemotoxylin and eosin were used.

Clinically there was generalised alopecia and erythematous papules with irregular scale formation. Histologically hyperkeratotic material filled the dilated hair follicles, eosinophilic debri, and collagen degeneration were seen along with inflammatory cells. Acanthosis and hyperkeratosis were prominent. Perforation of the follicular epithelium in the lower dermis was the notable feature (Fig. 1).

The histological picture of hyperkeratosis, debri filling up the dilated hair follicles along with performances of the follicular epithelium and collagenous degeneration, observed closely resembled those described in human by Lever and Schaumburg - Lever (1990).
REFERENCES


Fig. 1. Dog (female 5 years Alsatian) skin thigh showing dilated hair follicle perforated at its lower end. Dilated follicle contain Keratin and cellular debris.

H & E x 90
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