

Case 8

August 17, 2001

A 35-year-old Thai woman

Chief complaint: brownish papules on her face , and forearms

Present illness: At the age of 10 ,she developed brownish papules with elevated borders on her face which was thought to be freckles.

4-5 years ago,the lesions gradually increased in numbers and distributed more on her forearms and trunk, especially on sun exposed areas.The lesions were asymptomatic.

Family history: No other family members have this lesion

Past history: she has been having allergy for 5 years.

No other disease has been detected.

Physical examination: There are multiple discrete well circumscribed slightly elevated flat top brownish papules with slightly raised darker keratotic borders distributed on her face,forearms and upper chest .



Histopathology: (S01-4886)

- Thin column of parakeratosis called "cornoid lamellae"

- Hypogranulosis,few dyskeratotic and vacuolated cells beneath the parakeratotic column
- Superficial perivascular lymphocytic infiltrate

Diagnosis: Disseminated superficial actinic porokeratosis

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Comments: DSAP is a variant of porokeratosis,which is a genetically determined disorder of keratinization characterized by circular lesions with central atrophy and distinct peripheral keratotic ridge that corresponds with histopathologically to the "cornoid lamella".It is more prominent on sun exposed areas especially during summer.Precipitating factors are UV light such as photochemotherapy and phototherapy,trauma and immunosuppressives.We try to treat this patient by some of these lesions with Nd:YAG(532) .

Reference:

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