

## WHAT IS YOUR DIAGNOSIS ?

Forty-year old male patient was diagnosed in 1975 to have tuberculoid leprosy with trophic ulcer. In 1976 he complained of 'funny look' on the soles of his feet. There were no symptoms associated with this change of appearance on the soles.

Patient is a farmer who tills his land for the past several years. There was no family history of any skin problem.



### Differential diagnosis

1. Tylosis
2. Pitted keratolysis
3. Punctate keratoderma plantare

The discrete crateriform punched out defects and irregularly shaped sulci are characteristic of pitted keratolysis. Patient's occupation which necessitates long hours of work in wet fields may have contributed to this infection. A Gm +ve filamentous and coccoid organism identified as a corynebacterium species is the etiological agent of this disease. This can be demonstrated by Gram stain in the floor and walls of the pits.

**Final diagnosis : Pitted keratolysis**