RESULTS
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In this study on 200 cases of palmo-plantar keratoderma, psoriasis of palms and soles represented the highest incidence; 73 cases (36.5%) and followed by chronic eczema of palms and/or soles; 60 cases (30%), plantar warts; 21 cases (10.5%), pityriasis rubra pilaris; 17 cases (8.5%), hereditary forms of palmo-plantar keratoderma; 10 cases (5.0%), callouses; 10 cases (5.0%), Darier's disease 3 cases (1.5%), hyperkeratotic tinea pedis; 2 cases (1.0%), lymphoedematous keratoderma; 2 cases (1.0%) and lichen planus of palms and soles; 2 cases (1.0%). Table (1).

* Age of onset and sex: the age of onset showed a very wide range, starting since birth or early months of life in the hereditary forms and extending up to 50 years specially in psoriatic cases. Table (1) and graph (1).

- In psoriasis of palms and soles: males were affected more than females (3.5:1) especially in the age between 40 to 50 years. Graph (2).

- In chronic eczema: females were more commonly affected than males (4:1), especially in the age between 30 to 40 years. Graph (3).
* Occupation: the following occupations were noted:
house wives 55 cases; labourer 45; student 32; farmer
30; Clark 14 and the rest of the cases (24 cases) were
young children.

* Familial affection and consanguinity:
Positive family history of similar affection has
been detected in 36 cases (18.2%) as follows:

- Psoriasis of palms and soles: 10 cases
- Chronic eczema: 8 cases
- Plantar warts: 2 cases
- Pityriasis rubra pilaris: 4 cases
- Hereditary forms: 8 cases
- Callosities: 4 cases

Also, consanguinity was detected in about 70 cases
(35%) as follows:

- Psoriasis of palms and soles: 32 cases
- Chronic eczema: 12 cases
- Plantar warts: 8 cases
- Pityriasis rubra pilaris: 8 cases
- Hereditary forms: 10 cases
*Presentation: (Table 3):

97 cases (48.5%) were presented by affection of both palms and soles, while affection of the palms only occurred in 46 cases (23%) and affection of the soles only occurred in 57 cases (28.5%).

Nail affection was detected in 88 cases (44%) of which 73 cases were psoriasis of palms and soles, 10 cases were chronic eczema and 5 cases were pityriasis rubra pilaris.

Affection of other sites of the body by same lesions of the palms and soles were detected in 79 cases (39%).
Table (1): Showing the incidence of various types of palmoplantar keratoderma.

<table>
<thead>
<tr>
<th>Type of Condition</th>
<th>No. of Cases</th>
<th>% of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1- Psoriasis</td>
<td>73</td>
<td>36.5</td>
</tr>
<tr>
<td>2- Chronic eczema</td>
<td>60</td>
<td>30.0</td>
</tr>
<tr>
<td>3- Plantar warts</td>
<td>21</td>
<td>10.5</td>
</tr>
<tr>
<td>4- Pityriasis Rubra Pilaris</td>
<td>17</td>
<td>8.5</td>
</tr>
<tr>
<td>5- Hereditary Forms</td>
<td>10</td>
<td>5.0</td>
</tr>
<tr>
<td>6- Callosities</td>
<td>10</td>
<td>5.0</td>
</tr>
<tr>
<td>7- Darier's Disease</td>
<td>3</td>
<td>1.5</td>
</tr>
<tr>
<td>8- Tinea pedis</td>
<td>2</td>
<td>1.0</td>
</tr>
<tr>
<td>9- Lymphoedematous Keratoderma</td>
<td>2</td>
<td>1.0</td>
</tr>
<tr>
<td>10- Lichen planus of palms and soles</td>
<td>2</td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Graph (1): Showing age and sex incidence of the various forms of palmo-plantar keratoderma.
Graph (2): Age of onset and sex incidence in psoriasis of palms and soles.