

Arsenical keratoses with squamous cell carcinoma



Figure 1: Multiple hyperkeratotic papules (arsenical keratoses) involving palmar aspect of the right hand. A 2 cm × 2 cm, ulceroproliferative growth over the thenar eminence of the right hand

A 60-year-old man, residing in Murshidabad, West Bengal, presented with multiple, painless, asymptomatic raised lesions over palms and soles of 4-years duration. On cutaneous examination, both palms showed multiple, hyperkeratotic papules. A solitary 2 × 2 cm ulcero-proliferative growth with sero-sanguineous discharge was seen over the thenar eminence of the right hand [Figure 1]. Histopathological examination of the ulcero-proliferative lesion was suggestive of moderately differentiated squamous cell carcinoma. Arsenic content as measured in hairs and nails was high (normal values: up to 0.61 mcg/gm for hairs and up to 0.23 mcg/gm for nails). He was diagnosed as a case of arsenical keratoses with squamous cell carcinoma and treated with surgery and chemotherapy.

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Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form, the patient has given his consent for his images and other clinical information to be reported in the journal. The patient understands that name and initials will not be published and due efforts will be made to conceal identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

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