CASE REPORT
Localised genital Norwegian scabies in an AIDS patient
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Objectives: We present a case of an AIDS patient with Norwegian scabies manifest by a single, crusted plaque localised to the glans penis.

Methods: A 45 year old man with AIDS presented to our clinic complaining of a red papular pruritic rash on his abdomen and anterior thighs and a single, thick, crusted, non-pruritic lesion on the penis. He had been treated with lindane topically prior to the development of the penile lesion without resolution of the pruritus or red papular lesions. A mineral oil preparation was obtained from the hyperkeratotic penile lesion and revealed numerous mite eggs and faeces.

Results: The diagnosis of localised, genital Norwegian scabies was made. The patient was treated with ivermectin 200 μg/kg per dose taken as two doses, 14 days apart, with complete resolution of both pruritus and skin lesions.

Conclusions: This patient is the first known report of Norwegian scabies localised as a single lesion on the penis. He was successfully treated with oral ivermectin monotherapy.

Norwegian scabies, or crusted scabies, is a severe form of infestation by Sarcoptes scabiei seen in immunocompromised patients. Patients characteristically develop extensive thick, hyperkeratotic lesions in a more or less generalised fashion with notable involvement of the extremities—back, face, scalp, and periungual region.1–3 Although the clinical appearance can vary dramatically to include papular and psoriasiform eruptions, lesions are usually not the clinical appearance can vary dramatically to include no other areas of thick crusting.

Figure 1 A single crusted penile lesion representing Norwegian scabies in AIDS patient.
CONTRIBUTORS
All three authors directly contributed to the care of this patient and writing and editing of this manuscript.

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