We describe the case of a 72-year-old woman with a history of generalized pruritus associated with a rash evolving over the past year. A skin biopsy was done in favor of pustular psoriasis. The patient was put on dermocorticoids with accentuation of the skin lesions. During hospitalization, a parasitological sample from the hyperkeratotic lesions and inter-digital folds was positive for the Scabei sarcope. The diagnosis of hyperkeratotic scabies was retained. The patient was put on treatment with benzyl benzoate: 3 days/week for 04 weeks. The evolution was marked by a spectacular improvement after 3 weeks of treatment with regression of the skin lesions.

Keywords: Scabies, hyperkeratosis, psoriasis, dermocorticoids.
DISCUSSION

Crusted scabies is rare and cases are reported sporadically since the description by Boeck and Danielssen in 1848. It occurs due to altered host immune response to the infestation by the mite [1]. The condition occurs in individuals with underlying immunosuppression including human immunodeficiency virus infection, human T-cell lymphotropic virus 1 infection, and leukemia, but has also been seen in healthy patients [3]. It presents with a psoriasiform hyperkeratotic dermatosis of the hands and feet with the involvement of the nails, and an erythematous scaly eruption on the face, neck, scalp, and trunk. It is highly contagious, causing outbreaks among family members and patients in hospital wards when no preventive measures are instituted. The plaques of crusted scabies can be misdiagnosed as psoriasis, eczema, Darier’s disease, contact dermatitis, ichthyosis or an adverse drug reaction [4]. Treatment of crusted scabies, particularly with nail involvement, can be difficult [5, 6]. Aggressive therapy with two doses of 200 mg/kg ivermectin 2 weeks apart in combination with topical permethrin and keratolytic has been recommended by various authors [3, 4]. In our case, treatment with benzyl benzoate was effective. Also, all clothing and bed linen in contact with the patient in the preceding 48–72 h should be washed at 60° [3, 4]. Our case highlights the importance of skin examination, keeping an open mind for the diagnosis of scabies in the absence of any obvious risk factors.

CONCLUSION

Common and crusted scabies are re-emerging diseases in economically stable countries. Scabies crusty occur in fragile patients and are associated with morbidity and mortality much higher than the ordinary form. Its treatment is long and restrictive, but the effectiveness of management is essential for epidemic control. Our case highlights the importance of skin examination, keeping an open mind for the diagnosis of scabies in the absence of any obvious risk factors.

REFERENCES