



SKIN CANCER (OTHER THAN MELANOMA)

## “MYCOSIS FUNGOIDES WITH EROSIIVE ACRAL INVOLVEMENT SUCCESSFULLY TREATED WITH RADIOTHERAPY”

Parigini<sup>(1)</sup> - J Anaya<sup>(2)</sup> - M De Diego<sup>(1)</sup>

Hospital Universitario Austral, Dermatology Department, Pilar, Argentina<sup>(1)</sup> - Hospital Universitario Austral, Pathology Department, Pilar, Argentina<sup>(2)</sup>

**Background:** Mycosis fungoides is a cutaneous T-cell lymphoma with an indolent clinical behaviour. Acral involvement of this disease is rare.

**Observation:** A 66-year-old female presented a pruritic dermatosis restricted to the lower limbs that had developed 10 years prior to consultation. She exhibited an erythematous and erosive plaque, partially covered with crusts on the dorsal aspect of her left hallux, which extended towards the sole. She also presented erythematous, slightly scaly, well defined plaques on both anterior and dorsal aspect of her thighs. No lymphadenopathies were detected.

Given the high suspicion of a mycosis fungoides, three biopsies were performed, and showed findings compatible with mycosis fungoides with extensive pagetoid involvement. As the staging studies were negative, treatment with clobetasol ointment was initiated.

In the subsequent control, the thigh injuries had improved but the remaining plaques of the left foot had lost the crusted surface and a marked erosion was evident compatible with an erosive acral mycosis fungoides.

It was then decided to start radiotherapy (1.8 Gy/session). Complete remission was achieved with a total of 3600 Gy, with evidence of residual erythema on the left foot and on the thighs. She is actually under therapy with topical clobetasol and after 9 months she has not demonstrated any signs of recurrence.

**Key message:** Despite the fact that mycosis fungoides is an indolent form of lymphoma it is of the outmost importance to make a correct diagnosis and follow-up. The treatment of this entity can be challenging and its selection must be based on the stage and the response to previous treatments.

