



PHOTOTHERAPY, PHOTODYNAMIC THERAPY

LONG TERM ADVERSE EVENTS ASSOCIATED TO TOTAL SKIN ELECTRON IRRADIATION: A CASE SERIES

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Background: According to EORTC guidelines, Total skin electron irradiation (TSEI) has emerged as an alternative therapy for uncommon dermatosis such as Sézary syndrome and Mycosis fungoides (MF). TSEI is usually well tolerated and most of the adverse events are minor, transitory and dose-dependent. Only few studies have described some of the long term outcomes after de TSEI therapy.

Observation: We report a chronic and asymptomatic linear, poychilodermic, erythematous, dermatosis affecting arms and forearms in three adult-Mexican patients, who had previously received TSEM treatment for IB-stage MF more than ten years ago.

Key message: Long term TSEI adverse events are not yet established. The most common morbidities are radiation related (erythema, blisters, desquamations). We identified the dermatosis previously described as one of the long term adverse outcomes related to the TSEI application technique and dose schedule. In our case series this was a constant and similar finding and there were no other adverse reactions that could be associated to the TSEI therapy.

