



NAIL DISORDERS

RARE MANIFESTATION OF NAIL PSORIASIS WITH VERRUCOUS PRESENTATION: A CHALLENGER DIAGNOSIS

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BACKGROUND: Psoriasis is a dermatosis that involves the nail in up to 90% of people who have cutaneous disease, which can reach up to 4% of the world population. It can be associated with often the discomfort and even pain, causes functional impairment of the nail unit and can lead to psoriatic arthritis. The changes in the nails are in most cases typical allowing the clinical diagnosis, however in rare situations they may be uncommon, simulating other pathologies. We report a case of nail psoriasis presenting atypical and challenging diagnosis.

OBSERVATION: African American man of 70 years, complaining of painful lesion in the RIGHT BIG TOE, with 3 months of evolution. The dermatological examination revealed exuberant dystrophy and thickening of the nail plate with extensive subungual verrucous hyperkeratosis, along with verrucous lesions located in the proximal nail fold, lateral nail folds, progressing in ascension and reaching the whole digit. Three small verrucous erythematous-desquamative plaques were visualized in the plantar and lateral regions of the RIGHT foot. Among the diagnostic hypotheses WERE squamous cell carcinoma and viral verruca. Mycological studies were negative and imaging tests did not reveal bone changes. Two sequential biopsies were performed, with inconclusive results. Because it WAS an exuberant verrucous lesion, we opted for the avulsion of the nail plate with tangential biopsy of the bed and nail matrix. Histopathological findings of the surgical specimens were compatible with nail psoriasis verrucous subtype.

KEY MESSAGE: Nail psoriasis may present a variable spectrum of semiological manifestations, ranging from classic lesions of matrix and bed to unusual and rare cases, such as the verrucous subtype. As a result, the documentation of this report is intended to address this unusual manifestation of nail psoriasis.

