



DERMOSCOPY AND SKIN IMAGING

DERMOSCOPIIC ANALYSIS OF ACQUIRED UNGUAL FIBROKERATOMA: ABOUT THREE CASES

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Background: Acquired unguial fibrokeratoma (AUFK) is a benign and rare fibrous tumor of unknown etiology. We report a series of 3 rare cases of AUFK simulating a supernumerary digit with description of clinical aspect and dermoscopic characteristics.

Observations: We report three rare cases of AUFK simulating a supernumerary digit, recruited in our dermatology department. Clinical and dermoscopic aspects were noted and anatomo-pathological study carried out after total removal of the lesions. The average age is 34 years; the sex ratio is 2 with a history of trauma in 2 cases. Two AUFK are localized at toes and the third one on the index. It is based on periungual area for 2 cases and inside the nail for the third one. The lesions are filiformis, infracentimetric, firm in consistency, with a fleshy part and a keratotic one. Dermoscopic examination distinguishes two parts: a proximal one, pinkish in some areas and whitish by others with some punctiform and linear vessels. And the other, keratotic with a yellow brown keratin appearance. The whole simulating a supernumerary digit.

Key message: Acquired acral fibrokeratoma (AAFK) affects the middle-aged adult (30-50 years), with a slight male predominance. Traumatic origin has been invoked. The unguial variety (AUFK) is rare. As in our cases, the peri-ungual area is the preferred site, followed by the intraungual and then the subungual area. Until now, two cases of AAFK simulating a supernumerary digit have been reported in the literature and only two articles have described its dermoscopic characteristics. The latter differ according to the degree of vascularization and the accumulation of collagen fibers. The contribution of dermoscopy in our cases is the visualization of 2 parts of distinct dermoscopic characteristics suggesting a supernumerary digit.

