



DERMOSCOPY AND SKIN IMAGING

ANALYSIS OF CLINICAL, DERMATOSCOPIC AND PATHOLOGICAL FEATURES IN 34 CHINESE OF SUPERFICIAL BASAL CELL CARCINOMA

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Background: Superficial basal cell carcinoma is a rare type of basal cell carcinoma, and relevant study in Chinese is rare by now. We analysed clinical, dermatoscopic and pathological features in 34 Chinese of superficial basal cell carcinoma, and came to some interesting outcomes.

Objective: We summarized the clinical, dermatoscopic and pathological features of superficial basal cell carcinoma to improve the diagnosis rate.

Methods: Clinical, dermatoscopic, and pathological data were from 34 cases of superficial basal cell carcinoma from the dermatology clinic of The First People's Hospital of Chongqing, from January 2009-December 2017, and retrospectively analyzed.

Results: The consistency of clinical and histopathological diagnosis was only 23.5%, the most common misdiagnosis was Bowen disease(26.5%) and eczema(14.7%). The disease was most commonly seen in the aged, and the lesion was most commonly occurred in trunk(70.6%), and also commonly occurred in lower limbs and vulva. The most common dermatoscopic feature was maple leaf-sign and spoke-shape areas, and common histopathologic feature included extension of cutaneous ridge into dermis and so formed basophilic bud-shaped tumor, which showed peripheral palisades, and fissures between tumors and surrounding interstitial substance, the tumor extended horizontally but not vertically, most cases showed lymphocytes infiltration in dermis(85.3%), pigmentation of tumor(67.6%), and hyperplasia of interstitial substance(76.5%).

Conclusions: Superficial basal cell carcinoma is much different from the classical type both clinically and pathologically, so is not easy to make the correct diagnosis. Awareness of the clinical and pathological features of superficial basal cell carcinoma should be raised.

