

A Case of Basal Cell Carcinoma arising in Seborrheic Keratosis

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Abstract

Malignant tumor occurring within seborrheic keratosis (SK), which is one of the most common benign cutaneous tumors, is very rare. Basal cell carcinoma (BCC), squamous cell carcinoma and malignant melanoma have been previously documented to occur within SK, and BCC is the most common malignant neoplasm occurring with SK. A 66-year-old woman presented with recurrent, localized, well-demarcated, verrucous reddish nodule on left forearm. After wide excision, the histopathological study of the 2.0 x 1.2 x 0.7 cm sized lesion revealed atypical nodular pigmented basaloid cellular proliferation with acanthosis and some peritumoral clefts conjunction to basal epidermal layer. The CK19 stain showed weakly and diffusely positive reaction for the pigmented lesion, and the overexpression of p53 protein was moderately observed in the specimen. Finally, the patient was diagnosed with BCC. Herein, we report a rare case of the development of BCC in SK. It is important to note that most BCC arise sporadically (de novo), without a preceding skin lesions or family history, but cases of malignant changes in seborrheic keratosis also increasingly reported worldwide as well as this case. Considering the incidence of BCC increases on the sun exposed area of skin of Asian populations, there is an educational significance and purpose that clinicians need intensive examinations for similar skin lesions.

Biography

Park Hyeon Jeong graduated School of Medicine, Chosun university medical department. she has worked as resident in Kangbuk samsung hospital, Sungkyunkwan University School of Medicine, Department of Dermatology since 2018



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