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HAIR DISORDERS

AN UNEXPECTED COEXISTENCE OF TWO EPIDERMAL NEVI ON THE SCALP: NEVUS COMEDONICUS AND NEVUS SEBACEOUS

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Background: Epidermal nevi are cutaneous hamartomatous lesions originating from epidermis and adnexial structures. Nevus sebaceous (NS) is a relatively common type of epidermal nevi whereas nevus comedonicus (NC) is rarely seen. To the best of our knowledge, only 2 cases of coexistence of NC and NS have been reported in literature.

Observation: A 16-year-old boy presented with an asymptomatic lesion on his scalp which he had first noticed in early childhood. On clinical examination, there was an alopecic plaque measuring 6x9 cm on the left temporoparietal region. The plaque had different components; irregularly shaped, salmon colored, waxy areas and irregular papules which contain comedo like openings filled with keratinous material. Biopsy specimens taken from two different parts of the lesion showed findings consistent with NS and NC. Based on clinical and histopathological findings a diagnosis of concurrent NS and NC was made. The predilection areas are scalp and face for NS and face, neck, trunk and upper arms for NC. As it is in the present case, scalp is a very rare site for NC. There are only a few reported cases of NC of the scalp.

In the present case, the lesion contains two clinically and histopathologically different structures. To the best of our knowledge, only 2 cases of coexistence of NC and NS have been reported in literature. What is different from previous reports is the occurrence of two epidermal nevi on the same lesion in our case. Unfortunately it is not possible to deduce if these hamartomas occured simultaneously on the same plaque or if NS was superimposed by NC. More reports are necessary to delineate this association.

Key message: We present this case to illustrate the unusual coexistence NS and NC and to raise awareness of atypical site of NC.





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