

Childhood Flexural Comedones

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Citation: Zhang L, Wu J, Zheng L, Chen T. Childhood flexural comedones. *Dermatol Pract Concept*. 2022;12(2):e2022053.

DOI: <https://doi.org/10.5826/dpc.1202a53>

Accepted: August 14, 2021; **Published:** April 2022

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Funding: None.

Competing interests: None.

Authorship: All authors have contributed significantly to this publication.

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Case Presentation

A 20-year-old female complained of an asymptomatic papule on the left postauricular skin that occurred shortly after birth. The lesion presented a single papule with double-orifice comedones (Figure 1A). At the same site, previous skin lesion or inflammation were not observed. The dermoscopy manifested double-ended pseudo-comedones (Figure 1B).

Childhood flexural comedones (CFC) with late diagnosis in adulthood was established.

Teaching Point

CFC usually occur in the skin folds including axilla, neck, cubital fossa, and perineum, and present as double opening comedones connected by a thin layer of the epidermis.

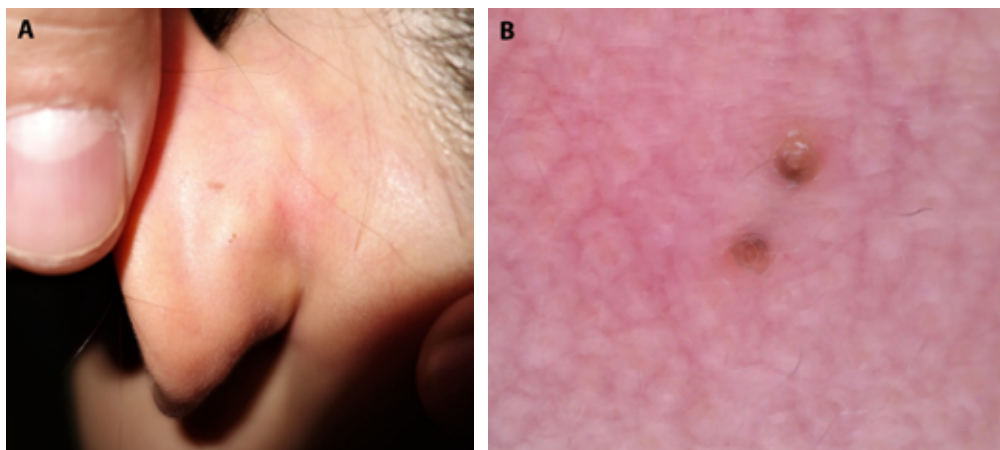


Figure 1. (A) A single papule with double-orifice comedones on the left postauricular skin. (B) The dermoscopy manifested double-ended pseudo-comedon.

The etiology hypotheses included potential precursors of hidradenitis suppurativa, friction, genetic background, and hamartomatous origin [1]. Histopathology showed typical open comedo with follicular plugging and infundibular dilatation [2]. Three different dermoscopic patterns of CFC have been described including cuneiform comedo, multi-orifice comedo, and double-ended pseudo-comedones [1]. The differential diagnosis includes other diseases associated with comedones, such as nevus comedonicus, acne neonatorum, familial dyskeratotic comedones, and idiopathic disseminated comedones.

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