

CASE LETTERS

Multiple apocrine hidrocystomas: a florid presentation*

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Dear Editor,

Hidrocystoma is a benign tumor originating from the apocrine gland, being an adenoma of this gland, unlike the eccrine hidrocystoma that results from a ductal dilatation by retention of secretions. It presents as translucent, round, small, painless vesicles with fluid content in their interior.¹ Traditionally, they are divided into solitaires (Smith type) and multiples (Robinson type).² Clinical differences that help in their diagnosis are: apocrine is usually solitary, larger, with a bluish color, although translucent and generally located on the face, especially on the lower palpebral region (cysts of Moll's glands) near the cilia and lacrimal drainage pathway; eccrine may be solitary or multiple, may increase with heat and decrease in the cold, translucent or opaque, with a more frequent location, on the lower eyelids but above the palpebral skin.³ They are also found on other regions such as ear, trunk, scalp, and upper limbs. Generally, they occur in adults, especially females, after the 4th decade of life. The case reported is of a 62-year-old male, white patient, who sought a dermatology clinic with the following complaint: "lumps on the face for more than five years." At the dermatological examination, there were skin-colored papules and nodules on the periocular region, with a shiny surface, translucent appearance and rare telangiectasias (Figure 1 and 2). An excisional biopsy of a nodule was performed and the histopathological examination showed a cystic lesion with a thin layer of cuboidal epithelial cells with apocrine features and amorphous liquid content, with no signs of malignancy (Figure 3). Surgical excision of the lesions was scheduled, but patient did not return to the service.

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Its pathogenesis seems to result from obstruction of the sweat duct just above the glandular groove (deep dermis) due to an inflammatory process or trauma. The diagnosis is initially clinical, followed by histological confirmation. Histologically, apocrine hidrocystomas are unilocular or multilocular dermal cysts with one or more layers of epithelial cells showing bulbous protrusions and luminal secretion by decapitation.⁴ It may also have papilliferous projections, being covered by two layers of secretory cells. The inner cells are columnar and show eosinophilic cytoplasm with typical bulboapical expansions.

The main clinical differential diagnoses include: molluscum contagiosum, nodulocystic basal cell carcinoma, hidradenoma, nevocytic nevus, blue nevus, syringoma, hordeolum, chalazion, epidermal cyst. Treatment can be done through surgical excision, shaving and electrocoagulation, cryosurgery or even CO₂ laser, motivated by the unsightly aspect of the lesions.⁵ □

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FIGURE 1: Bilateral periocular region – skin-colored papules and nodules, with translucent shiny surface



FIGURE 2: Right periocular region - skin-colored papules and nodules, with translucent shiny surface

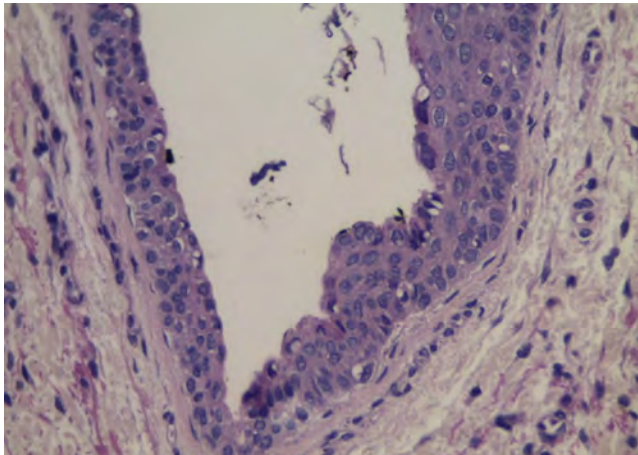


FIGURE 3: Secretion by apocrine decapitation. (Hematoxylin and Eosin, x100)

REFERENCES

1. Bologna JL, Jorizzo JL, Rapini RP. *Dermatologia*. 3. ed. Rio de Janeiro: Elsevier; 2015. p. 1824.
2. Schellini SA, Pinto APC, Castilho CN, Achilles AB, Padovani CR, Marques MEA. Eyelid eccrine and apocrine hidrocystoma – Occurrence at the “Faculdade de Medicina de Botucatu - São Paulo”. *An Bras Dermatol*. 2001;76:283-8.
3. Wolff K, Goldsmith LA, Katz SI, Gilchrist BA, Paller AS, Leffell DJ. *Fitzpatrick's dermatology in general medicine*. 7th.ed. New York: Mc Graw Hill; 2008.
4. Belda Junior W, Di Chiacchio N, Criado PR. *Tratado de Dermatologia*. 2. ed. São Paulo: Atheneu; 2014. p 1895.
5. Sarabi K, Khachemoune A. Hidrocystomas - a brief review. *MedGenMed*. 2006;8:57.

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Coexistence of segmental vitiligo, scleroderma *en coup de sabre* and cleft lip on the same hemiface: association with mosaicism?*

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Dear editor,

Segmental vitiligo (SV) and localized scleroderma (LE) are characterized by localized cutaneous lesions, with a primarily autoimmune etiology. Cleft lip constitutes a congenital anomaly that is usually solitary, but can be associated with several syndromes. We report the case of a patient with left-sided cleft lip at birth, left periorbital segmental vitiligo at 6 years old, and scleroderma *en coup de sabre* (SCS) on the left hemiface at 22 years old.

A female patient presents a linear scleroatrophic lesion located on the left forehead, compatible with SCS, by the age of 22. She presents a history of left-sided cleft lip at birth and SV on the left periorbital region, with poliosis of eyebrows and eyelashes, which began at 6 years old and stabilized at the same age (Figures 1 and 2). There is a discrete asymmetry between the hemifaces, without signs of subcutaneous, muscular, or bone atrophy beyond that presented in the SCS area. There is also a report of morphea on the upper back, with probable onset at 3 years old, currently with improvement in the sclerosis condition and histological aspect that is suggestive of post-inflammatory alterations. Other comorbidities were denied, as were allergies. There is a positive family history for vitiligo. Formal clinical and laboratorial evaluation excluded other autoimmune diseases. She underwent 31 narrow-band UVB phototherapy sessions, by the age of 18, with satisfactory cutaneous repigmentation in the SV area. Residual poliosis was also resistant to topical treatment with 0.03% bimatoprost.

The association between vitiligo and scleroderma is historically observed and described in the literature, in an attempt to find a link between these two conditions. Vitiligo is characterized by cutaneous and mucous depigmentation due to selective loss of epidermal melanocytes.¹ When asymmetric, with a typical unilat-

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