

# Indian Journal of Dermatology, Venereology and Leprology

Volume 54, Issue 1, November 2008, Pages 132-134

## Brooke-Spiegler syndrome

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### Abstract

The Brooke-Spiegler syndrome (BSS) is an uncommon autosomal dominant disorder characterized by a high affinity to form multiple adnexal neoplasia (skin appendage tumors), especially trichoepitheliomas and cylindromas, and occasionally spiradenomas, which usually appear in the second or third decade of life. To date, only a few cases with this syndrome have been reported. This case report describes a 26-year-old woman who presented to the dermatology department of Qaem Hospital with tumoral lesions on her scalp, face, and forearm. Her father and younger brother were also affected. On examination, several round-to-oval skin-colored papules with a smooth pearly surface measuring 2 to 3 mm in diameter were seen on the mid-face, particularly in the nasolabial folds, the upper lip. Tumors and nodules seen on the scalp were pinkish red, dome-shaped, and to some extent, pedunculated with surface telangiectasia and induration. Histopathology of the facial papules showed trichoepithelioma while that of a scalp nodule showed cylindroma.

## Reaxys Database Information

### Author keywords

Brook-Spiegler syndrome; Cylindroma; Trichoepithelioma

### Indexed Keywords

**EMTREE drug terms:** carbon dioxide

**EMTREE medical terms:** adult; anamnesis; article; autosomal disorder; autosomal dominant inheritance; brooke syndrome; carbon dioxide laser; case report; clinical examination; clinical feature; cylindroma; disease course; disease duration; face; family history; female; forearm; hidradenoma; histopathology; hospital; human; mouth lesion; papule; scalp; skin appendage; skin appendage disease; skin appendage tumor; skin tumor; surface property; telangiectasia; trichoepithelioma; tumor; tumor volume; upper lip

**MeSH:** Adult; Female; Humans; Lasers, Gas; Skin Neoplasms; Syndrome

*Medline is the source for the MeSH terms of this document.*

**Chemicals and CAS Registry Numbers:** carbon dioxide, 124-38-9, 68061-67-4

**ISSN:** 03786323 **CODEN:** IJDLD **Source Type:** Journal **Original language:** English

**DOI:** 10.4103/0378-6323.40109 **PubMed ID:** 1917199 **Document Type:** Article