

## A Case of Primary Cutaneous Cribriform Carcinoma on the Back

Junghwa Yang



Department of Dermatology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea

### Abstract:

Primary cutaneous cribriform carcinoma (PCCC) is a rare and under-recognized sweat gland tumor that primarily presents as a subcutaneous nodule on the extremities of middle-aged individuals. The main histopathological features are anastomosing tubules and solid nests producing a sieve-like appearance. PCCC is regarded as an apocrine tumor based on the observation of decapitation secretion in the neoplastic cells.

A 57-year-old female presented with an asymptomatic firm nodule on the back. The lesion gradually increased in size and hardened. Histopathologic examination revealed unencapsulated, circumscribed dermal nodules composed of atypical epithelial cells in a cribriform-like pattern. There were occasional atypical mitotic figures and nuclear pleomorphism of the cells within the cribriform ducts and solid nests. In the immunohistochemical analysis, stromal cells were weakly positive on SMA stain, but there was no evidence of a myoepithelial layer on either hematoxylin and eosin-stained sections or by immunohistochemistry with p63 and SMA. The possibility of cribriform-patterned metastasis from primary visceral carcinoma was excluded by the breast ultrasonography, abdominal ultrasonography, endoscopic exams, and whole-body fusion PET-CT. Wide excision was performed for the treatment and the postoperative site has been stable without any recurrence.

Herein, we introduce this as a rare case of PCCC on the back.



### Biography:

Junghwa Yang, MD, is working at Kangbuk Samsung Hospital. Born in 1991 in Busan, South Korea, he graduated with honors in medicine at Seoul National University. She is now going on a resident in the department of dermatology.

### Speaker Publications:

1. "A Split-Face, Single-Blinded, Randomized Controlled Comparison of 532 nm Picosecond Neodymium-Doped Yttrium Aluminum Garnet Laser versus 532 nm Q-Switched Neodymium-Doped Yttrium Aluminum Garnet Laser in the Treatment of Solar Lentigines"; *Annals of Dermatology* 32(1):8; January 2020; DOI: 10.5021/ad.2020.32.1.8
2. "Association between rosacea severity and relative muscle mass: A cross-sectional study"; *The Journal of Dermatology* 46(1); October 2018; DOI: 10.1111/1346-8138.14689
3. "A case of necrotizing infundibular crystalline folliculitis"; *International Journal of*

Dermatology 58(7);September 2018;  
DOI: 10.1111/ijd.14258

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