

EP-071

두피에 발생한 미세낭성  
부속기암의 드문 증례



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**Purpose:** Microcystic adnexal carcinoma (MAC) is a malignant tumor originating from sweat glands, predominantly occurring in the head and neck region. It grows slowly and, although metastasis is rare, it exhibits locally aggressive behavior. It is known to occur very rarely. We report a case of a patient who presented to our hospital with a gradually enlarging mass on the scalp that had been developing over the past year, leading to a diagnosis of MAC.

**Methods:** A 51-year-old patient presented to our hospital with a 4 × 3 × 2cm sized mass with protrusion in the left frontal scalp (Fig. 1). A punch biopsy raised concerns for a malignant tumor, prompting us to proceed with an excisional biopsy (Fig. 2). Histopathological analysis revealed strands of basaloid epitheloid cells with ductal lumina, consistent with a diagnosis of MAC (Fig. 3). Imaging studies showed no evidence of lymph node involvement or metastasis to other areas. Subsequently, we performed wide excision with negative resection margins, followed by reconstruction with a full-thickness skin graft for the defect.

**Results:** The wound healed without complications (Fig. 4). The patient underwent follow-up for 11 months after the surgery, and regular imaging studies revealed no recurrence or metastasis.

**Conclusion:** This case underscores the necessity of considering microcystic adnexal carcinoma in the differential diagnosis of scalp lesions due to its potential for local aggressiveness and perineural invasion. Prompt detection and surgical management are crucial, and diligent follow-up is imperative for early identification of potential recurrences.



Fig 1. Preoperative gross photography



Fig 2. Postoperative gross photography of the excision site

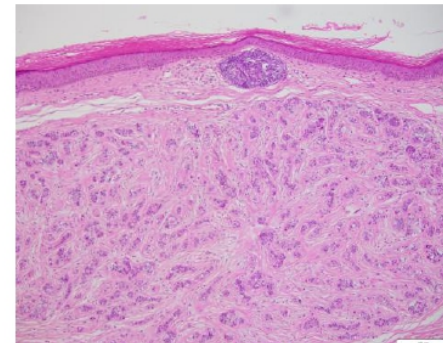


Fig 3. Pathological tumor staining with hematoxylin-eosin (HE). A separation zone is seen between the epidermis and the tumor, with cords of basaloid epithelial cells exhibiting ductal structures (HE, × 100).



Fig 4. Postoperative gross photography after 11 months of surgery