

Histopathological Diagnosis of Eyelid Tumors in Chiang Mai University Hospital

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Objective: To report histopathological diagnosis of eyelid tumors and to study the prevalence of eyelid tumors in Chiang Mai university hospital.

Design: Retrospective descriptive study

Methods: We retrospectively reviewed the medical and pathological records of patients who were diagnosed with eyelid tumor and underwent histopathological biopsy between January 2007 – December 2013 in Chiang Mai university Hospital.

Results: A total of 318 cases of eyelid tumors, which were women 59.4% (n=189) and men 40.6% (n=129), were collected. The mean age at the time of diagnosis was 54.19 ± 19.55 years (range 0-99 years). Tumors developed on left lower eyelid (27.4%), right upper eyelid (24.8%), right lower eyelid (21.1%) and left upper eyelid (18.6%), respectively. There were benign tumors 64.8% (n=206) and malignant tumors 35.2% (n=112). Nevus was most commonly found in benign group (16.3%) while basal cell carcinoma was the most common eyelid malignancy (17.9%).

Conclusion: Common histopathological diagnosis of eyelid tumor in Chiang Mai university Hospital was benign which mostly was nevus, while the most common malignant eyelid tumor was basal cell carcinoma.