



SKIN CANCER (OTHER THAN MELANOMA)

TUMORS ASSOCIATED WITH NEVUS SEBACEUS OF JADASSOHN

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Introduction: Nevus sebaceus is commonly associated with the development of secondary neoplasms. The proportion of malignant tumors occurring on nevus sebaceus is highly variable in published reports.

Objective: We retrospectively analyzed the distribution of secondary neoplasm in nevus sebaceus.

Materials and Methods: An analysis of all cases of nevus sebaceus diagnosed at Pusan National University Hospital and Yangsan Pusan National University Hospital from 2008.1 through 2018.7 was conducted.

Results: A total of 531 patients were included in the study. Secondary tumors were found in 29 cases. Trichoblastoma and syringocystadenoma papilliferum were the most frequent benign tumor (n = 4, 0.8%). Malignant tumors were present in 2.6% of the specimens with basal cell carcinoma being the most common (n = 6, 1.2%) followed by squamous cell carcinoma (n = 4, 0.8%). The incidence of secondary neoplasm was statistically related to age and anatomic site ($P < 0.05$). Almost all malignant tumors were seen in adults.

Conclusions: The rate of malignant tumors arising on nevus sebaceus was very low. As no malignant tumors were seen in children, we believe it is reasonable to delay surgical management until adolescence.

