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A comparative analysis of salivary gland tumors by age and gender, according to dental clinics

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Salivary gland neoplasms occur in 1-2% of cases against to the total quantity of tumors arising in a person. Most salivary gland tumors are benign (60%). Malignant tumors are observed in 10-46% of cases. Tumors of the salivary glands may occur in patients at different ages. There are cases of detection of sarcoma and hemangioma of the parotid salivary gland in newborns. After 70 years of this tumor localization are rare. The most common tumors of the salivary glands occur in people aged 50 to 60 years. Sometimes the duration of anamnesis is difficult to determine, because often the tumor process takes decades, asymptotically. Diagnosis of salivary gland tumors determines by biopsy and histological examination of tissue material.

Material and methods: We conducted a statistical analysis of the last 3 years salivary gland tumors (2013 to 2015), of the biopsy and removed surgically materials in clinics surgical stomatology of 3rd clinic of the Tashkent Medical Academy and Tashkent State Dental Institute. The investigations showed that the different morphological forms of salivary gland tumors occur in the following sequence: adenoma - 45%, mixed tumor -35%, fibroma, 16%, and vascular tumors -4% of the total number of patients of surgical areas. Male gender is more susceptible to the development of tumors of the salivary glands, women accounted for 41%, and in men the figure was -59%.

Conclusion: The analysis of materials received by histological examination of the surgical dentistry over the last 3 years (2013 and 2015) showed that, in female tumor develops most often between the ages of 1 and 25 years, and males after 45 years and older. The average age of patients with salivary gland tumors among males was 46 years among women - 31 year. In the light of the above figures is necessary in dental clinics to conduct medical examinations more frequently in the community and organizations to take preventive measures and sanitation of the oral cavity.

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