



PREVALENCE AND EPIDEMIOLOGY OF CANCER OF THE ORAL CAVITY AND THROAT IN THE BUKHARA REGION

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Summary

This article provides information on the prevalence and epidemiology of oral and pharyngeal cancer in the Bukhara region. The data was taken on the contingent of patients with malignant neoplasms of the oral cavity and pharynx, registered in oncological institutions of the Bukhara region in 2021.

Keywords: malignant neoplasms, oral cavity, pharynx, cancer, epidemiology.

Relevance

The annual incidence of squamous cell carcinoma in the United States is approximately 40 thousand cases, in Europe - 60 thousand cases, in Russia - 60 thousand. The highest incidence of cancer of the oral mucosa is observed in India - 70%. Cancer of the oral mucosa is the 6th-9th most common malignant tumor in the world [H.P. Kamilov et al., 2021].

According to prof. M.N. Tillyashaykhov (2022), in 2021, 25,578 cases of malignant neoplasms were detected in the Republic of Uzbekistan (in 2020 - 21,976), including 10,499 (41.0%) in men and 15,079 (59.0%) in women. The growth rate of this indicator compared to 2020 was 16.4%. The percentage of malignant tumors of the oral mucosa is 2.3%. Currently, oral cancer is an urgent problem for public health throughout the world. Every year there is a steady increase in incidence rates, which is associated with an increase in the prevalence of risk factors for the disease, of which bad habits prevail, chronic mechanical injuries of the oral mucosa, poor oral hygiene [Sh.F. Juraeva et al., 2020]. Most often, this type of tumor is diagnosed in people who smoke, chew tobacco, abuse alcohol, have chronic inflammatory pathologies of the oral cavity, or suffer from leukoplakia. Also, the reasons for the development of oral cancer include: an incorrectly selected or improperly installed prosthesis; untreated dental diseases; frequent mechanical damage to the oral mucosa; decreased immunity and a history of human papillomavirus infection [S.I. Kirkilevsky, 2022].





According to current data, tobacco significantly aggravates the development and progression of periodontal diseases and oral cancer, and periodontal diseases, in turn, contribute to the progression of oral mucosal cancer.

Therefore, physicians should strongly advise smokers to adopt a smoking cessation strategy to avoid exacerbation of nicotine-related periodontal disease and reduce the incidence of oral cancer [Chen Hui, 2021].

In the Republic of Uzbekistan, 2627 cases (7.6 per 100,000 population) of malignant neoplasms of the oral cavity and pharynx were diagnosed in 2021.

Information on the contingent of patients with MN of the oral cavity and pharynx registered in oncological institutions of the Bukhara region in 2021

Abs.number of detected cases	Per 100,000 population	Actively detected (%)	Diagnosis confirmed morphologically (%)	1-year mortality (%)
42	2,2	59,5	88,1	30,2

Distribution by disease stages (%)

I	II	III	IV	Registered at the end of the year (total)		
				Absolute number	Per 100,000 population	Of which 5 years or more (%)
2,4	28,6	38,1	31,0	202	10,4	30,2

Information about patients who died from malignant neoplasms of the oral cavity and pharynx (C73) in the Bukhara region in 2021

Abs.number	Men	Women	Total	Per 100,000 population
	18	9		

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