

**Subject plan of lecture-type classes
on the subject "Pathological anatomy - pathological anatomy of the head and neck" for
students of 2024 admission
under the educational program
31.05.03 Dentistry, focus (profile) Dentistry
(specialty), full-time education**

2025-2026 academic year

II course, 3rd semester.

№ №	Date Aud.	Topic of lecture	Lecturer	Notes
1.		Introduction to pathological anatomy. Disorders of metabolism in cells and tissues. Pathology of accumulation (dystrophy). Disorders of protein, lipid, carbohydrate metabolism. Hyaline changes. Muroid and fibrinoid swelling. Disorders of chromo proteins metabolism (endogenous pigments). Disorders of nucleic acids metabolism. Pathological calcification. Formation of stones. Injury and death of cells and tissues. Necrosis. Apoptosis.	Smirnov A.V.	
2		Inflammation. Inflammation, general characteristics. Acute inflammation. Exudative inflammation. Chronic (productive) inflammation. Granulomatous inflammation. Regeneration and reparation.	Smirnov A.V.	
3.		Tumors. Introduction to oncomorphology. Definition of tumors. The main characteristics of tumors. Etiology and pathogenesis. Epithelial tumors. Mesenchymal tumors. Tumors of melaninproducing tissue. Tumors of nervous tissue. Principles of tumor classification. Clinico-morphological characteristics. Particularities of metastasis.	Smirnov A.V.	

Considered at the meeting of the Department of Pathological Anatomy,
Protocol No. 10 of May 29, 2025.

The heard of the department,
PHD, professor



A.V. Smirnov

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II course, 4th semester.

№№	Date Aud.	Topic of lecture	Lecturer	Notes
1.		Diseases of periodontium. Pulpitis. Apical periodontitis. Radicular cyst. Diseases of parodontium and oral mucosa. Gingivitis. Parodontitis. Parodontosis. Parodontomes (epulis). Desmodontosis (progressive parodontolysis). Gingival fibromatosis. Stomatitis.	Smirnov A.V.	
2.		Diseases of jaw bones. Traumatic lesions. Inflammatory diseases. Tumors and tumor-like lesions. Cysts.	Smirnov A.V.	
3.		Diseases of salivary glands. Inflammatory, autoimmune, dysembryogenetic and tumor-like lesions. Cysts of salivary glands. Tumors of salivary glands: monomorphous and pleomorphic adenomas; mucoepidermoid, acinocellular, adenocystic carcinomas, other types of carcinomas.	Smirnov A.V.	

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