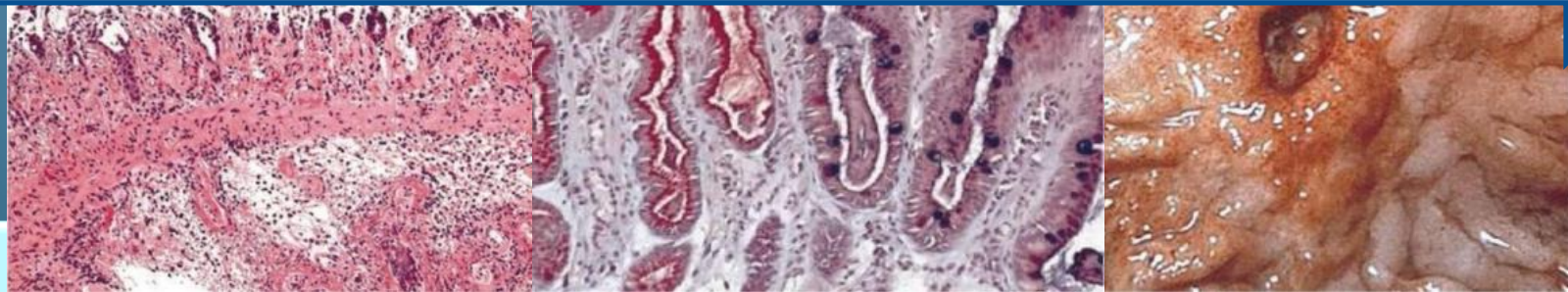
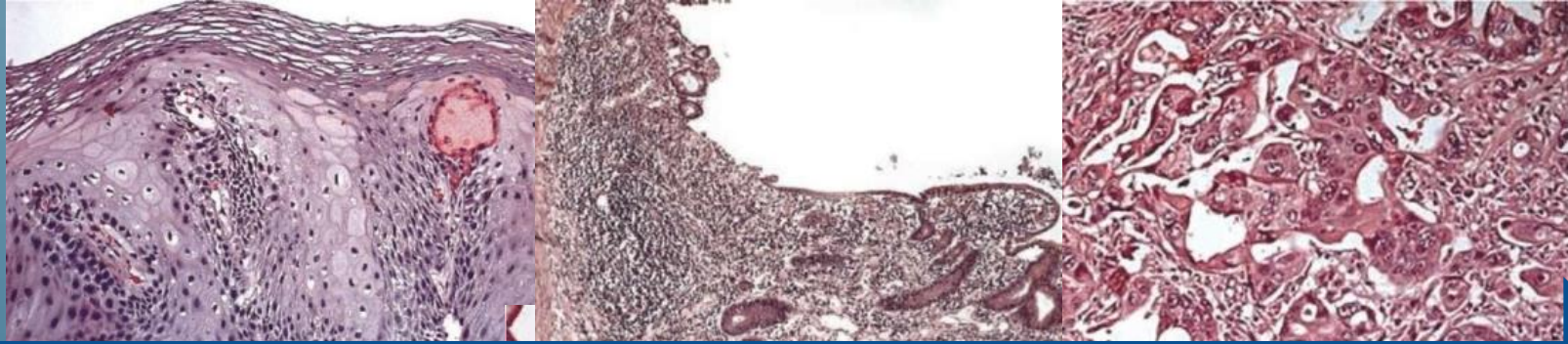
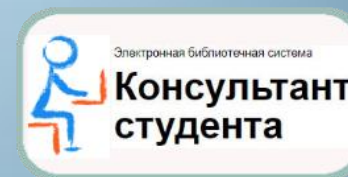
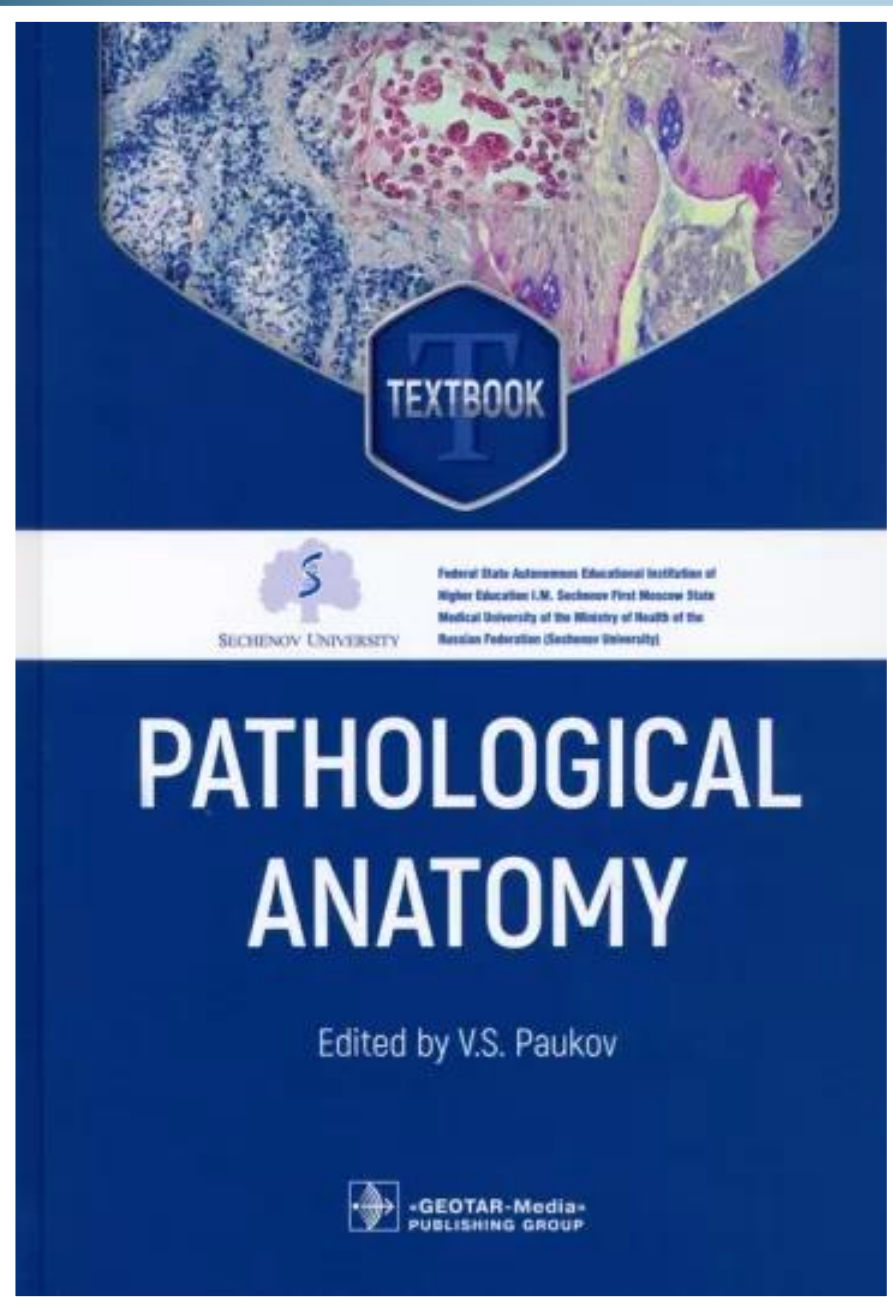


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PATHOLOGIC ANATOMY BOOKS



Pathological Anatomy : textbook. -
Moscow : GEOTAR-Media, 2022. -
752 p. - [FULL TEXT](#)

This textbook is a contribution by a community of experienced lecturers from the Academician A.I. Strukov Department of Pathological Anatomy, I.M. Sechenov First Moscow State Medical University (Sechenov University), among contributors there are also leading experts from other medical universities. Coverage of the main issues of general and special pathological anatomy is based on the principle of unity between structure and function. The authors tried to show not only the morphological basis of pathological processes and diseases, but also their connection with changes in body functions, resulting in certain symptoms of diseases, as well as the dynamics of their development. This approach provides a basis for further study of all clinical disciplines.

Besides pathological anatomy, the manual describes general medical concepts, rules of writing clinical and pathoanatomic diagnoses, categories and causes of diagnostic discrepancies, etc. It helps students develop clinical thinking possible only if based on deep knowledge and understanding of objective laws that underlie pathological processes in the affected body. Thus, the study of pathological anatomy is the most important stage in training clinicians and this text meets the challenge.

The textbook is intended for students of medical, pediatric, preventive medicine and dental faculties of medical universities.



D.E. Tsyplakov, A.Z. Shakirova, E.V. Silina

**MACRO- AND MICROSCOPIC
DIAGNOSIS IN PRACTICAL
CLASSES IN PATHOLOGICAL
ANATOMY**

ATLAS

 **GEOTAR-Media**
PUBLISHING GROUP



Tsyplakov, D. E. Macro- and microscopic diagnosis in practical classes in pathological anatomy. Atlas : tutorial guide / D. E. Tsyplakov, A. Z. Shakirova, E. V. Silina. - Moscow : GEOTAR-Media, 2023. - 208 p. - [FULL TEXT](#)

The tutorial guide offers a description of macro- and micropreparations on general and special pathological anatomy studied in practical classes, provided with corresponding illustrations. The authors provide an overview of the principles of making macropreparations and the basics of histological technique and demonstrate staining histological sections and methods of histochemical, ultrastructural and immunohistochemical studies. The guide provides brief anatomical and histological characteristics of normal organs and a pattern of macropreparation description as well as the procedure of studying micropreparations. The tutorial guide contains 348 drawings, including photographs of macroand micropreparations.

The tutorial guide is composed in accordance with the curriculum for pathological anatomy course and intended for students receiving instruction in English for the specialty 31.05.01 «General Medicine».

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