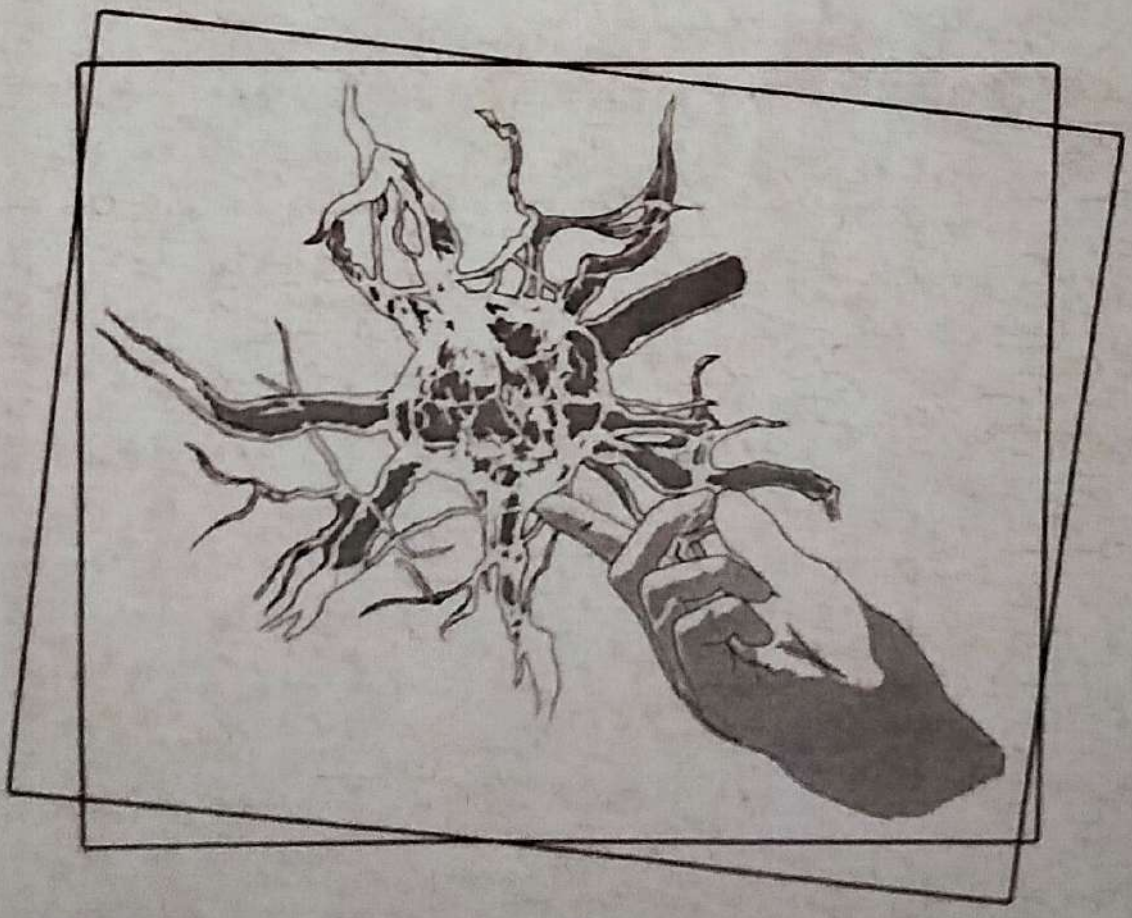
PHYSIOLOGY

workbook



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PHYSIOLOGY

Workbook for students studying educational program "Medicine"

Part 1

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This workbook is intended to help students during independent extracurricular preparation for laboratory classes in physiology. It also aimed at the individual activity of each student during laboratory classes. Several types of activity are proposed: to systematize the material in the form of tables, to perform graphic schemes that combine knowledge of anatomy and physiology, as well as tasks that require to use knowledge not only of a current topic, but to approach the problem comprehensively, to analyse the material and come to the right conclusions. Protocols of laboratory work are aimed at the gaining of practical skills by students.

Content

PREFACE

This workbook is intended to help students during independent extracurricular preparation for laboratory classes in physiology. It also aimed at the individual activity of each student during laboratory classes.

The control questions of each topic serve as a guideline, the answer to which should be found in the recommended sources. In order to pay attention to certain terms and make the process of working with textbooks more conscious and creative, it is necessary to define the terms proposed for each topic. This will help students to memorize terminology. Some of terms require searching on the Internet that will encourage students to have wider knowledge on certain issues.

The proposed slides are intended to make the student's work more creative. Some of them must be filled in preparation for the lesson, others – in the classroom. The emphasis is on the individual work of the students. Several types of activity are proposed: to systematize the material in the form of tables, to perform graphic schemes that combine knowledge of anatomy and physiology, as well as tasks that require to use knowledge not only of a current topic, but to approach the problem comprehensively, to analyse the material and come to the right conclusions. Protocols of laboratory work are aimed at the gaining of practical skills by students. Such approach, with a combination of various types of activity during the laboratory lesson, will contribute to the acquisition of practical skills, the ability to analyze the results of studies of body functions and to come to the relevant conclusions.

The workbook also provides information that is not included in the curriculum of the discipline. This is the data of new studies, unknown issues of the implementation of certain functions, or information necessary for the understanding of the need of knowledge presented in the topic. For the same purpose, a list of scientific articles is proposed. The list is not obligatory, but will arise an interest of curious students and help them take steps in student science.

Authors