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**Educational and methodical
instructions
for students on
“Systemic Pathological
Anatomy”
discipline using interactive
methods
(TBL, CBL, PBL)**

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УДК 616
ББК 52.5
Е 33

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Educational and methodical instructions for students on "Systemic Pathological Anatomy" discipline is written on the basis of the latest interactive methods of teaching as TBL, PBL, CBL including student-centered learning.

All the included materials are consistent with the systemic pathological anatomy program for higher educational institutions of all faculties of medical universities. Can be used by lecturers depending on the number of hours allocated for a lecture course in a particular educational institution.

For students and teachers of medical universities.

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Topic 1. Hypertension. Cerebrovascular diseases. Atherosclerosis. Etiology, pathogenesis, classification, morphology, complications and cause of death. Acute myocardial infarction.

The objectives of the practical lesson.

Know:

- basic terms and concepts;
- risk factors for the development of atherosclerosis, arterial hypertension, coronary heart disease; classification of arterial hypertension and coronary heart disease, macro- and microscopic characteristics of the stages of atherosclerosis, hypertension, various forms of coronary heart disease, their outcomes, complications, causes of death of patients; clinical and morphological manifestations of various types of vasculitis.

Be able to:

- to recognize morphogenetic stages of atherosclerosis and hypertension, forms of coronary heart disease, the main morphological manifestations of vasculitis on macro- and micro-preparations, to give conclusions about the morphological dynamics of diseases, possible complications and outcomes, to solve test and situational tasks.

Possess:

- an algorithm for describing the affected organ at the macroscopic level;
- microscopy skills of pathologically altered tissue;
- the ability to analyze macro- and microscopic changes and give a conclusion about the nature of the pathological process and its clinical manifestations.

Course of study: The lesson is conducted by the method of group discussion of the topic using the methodology TBL.

Evaluation criteria:

Preparation for class using different sources to prepare for the topic, focusing on questions and assignments.

group skills and demonstrates attendance, reliability and professional attitude responsibility, helps teammates.

communicative skills actively listens, shows emotion for the situation, shows respect for other participants, helps resolve conflicts.

Feedback skills demonstrates a high level of self-reflection, critically evaluates self and colleagues, provides feedback in a welcoming manner.