

LESSON № 1

Topic: SUBJECT AND PURPOSE OF PATHOPHYSIOLOGY

Aim of the lesson: to study problems and methods of pathophysiology, to get on idea of etiology, pathogenesis, and disease

QUESTIONS:

1. Subject of Pathophysiology. Main parts:
 - a) General pathophysiology:
 - a. study of disease (nosology);
 - b. study of typical (standard) pathological processes;
 - b) Systems pathophysiology (pathophysiology of organs and systems).
2. Purpose of pathophysiology.
3. Methods of pathophysiology. Modeling of pathological processes and diseases. Acute and chronic experiments.
4. Etiology. Description of main etiological factors.
5. Pathogenesis. Vicious circles. Importance of etiology and pathogenesis study.
6. Pathological reactions. Pathological process. Pathological condition.
7. Typical pathological processes.
8. Health and disease. Periods of disease (latent, beginning of disease, manifestations of disease, outcomes of diseases). Remission, recurrence, complication.
9. Principles used in classification of diseases.
10. Factors of diseases: environmental, genetic, social.
11. Adaptive reactions and their role in resuscitation and pathology.

LITERATURE:

1. Lecture material.
2. General and clinical pathophysiology / ed. by A.V. Kubyshkin. – Vinnytsa: Nova Knyha Publishers. – 2011. – P. 12-28.
3. General and systematic pathology / ed. by J. C.E. Underwood. 2nd ed. – 1996. – P. 3-13.
4. Litvitsky, P.F. Pathophysiology: concise lectures, test, clinic-pathophysiological situations and clinic-laboratory problems / P.F. Litvitsky, S.V. Pirozhkov, E.B.Tezikov // Students manual. – Moscow «Geotar-Media», 2012. – P. 12-18.

