

VOLGOGRAD STATE
MEDICAL UNIVERSITY
Department of Pathological Anatomy

Acute inflammation. The morphology of exudative inflammation.

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Test QUESTIONS

Choose one correct answer

1. Local, complex, vascular-mesenchymal reaction in response to injury.

- a) necrosis,
- b) adaptation,
- c) inflammation,
- d) thrombosis,
- e) plethora.

Select all correct answers

2. Inflammation has the following phases:

- a) alteration,
- b) exudation,
- c) proliferation,
- d) reparation.

Select all correct answers

3. The main components of the exudation phase:

- a) alteration,
- b) a change in blood flow,
- c) the formation of inflammatory edema,
- d) proliferation,
- e) cell emigration and phagocytosis.

Select all correct answers

4. The emigration of leukocytes to the inflammatory focus has the following stages:

- a) marginal standing in the bloodstream,
- b) diapedesis,
- c) chemotaxis,
- d) phagocytosis.

Select all correct answers

5. Mediators of inflammation involved in emigration

leukocytes in the field of inflammation:

- a) adhesive molecules on the surface of leukocytes,
- b) adhesive molecules on the surface of the endothelium,
- c) integrins CD11 / CD18, VLA-4, L-selectin,
- d) immunoglobulins ICAM-1, VCAM-1,
- e) IL-1 and TNF.

Establish compliance

6. Composition of the infiltrate: Pathological process:

1) neutrophilic leukocytes - a) repair,

2) mononuclear cells b) acute inflammation, c)

atrophy

d)

chronic inflammation.

Select all correct answers

7. Components of the plasma protease system:

- a) the complement system,
- b) the TNF family,
- c) kinin system,
- d) blood coagulation system,
- e) membrane attacking complex.

Select all correct answers

8. Types of exudative inflammation:

- a) granulomatous,
- b) abscess,
- c) catarrhal,
- d) chronic.

Select all correct answers

9. Catarrhal inflammation is characterized by the following

signs:

- a) can be diphtheritic,
- b) fibrin is always a part of the exudate,
- c) a very large amount of exudate,
- d) the resulting films are tightly bound to the underlying tissues,
- e) outcome - complete restoration of tissues.

Select all correct answers

10. Fibrinous pericarditis is characterized by the following

signs:

- a) often occurs with uremia,
- b) the figurative name "hairy heart",
- c) can be with transmural myocardial infarction,
- d) there are adhesions in the cavity of the heart shirt,
- e) accompanied by a pleural friction noise,
- f) diphtheria inflammation.

Select all correct answers

11. Emigration of leukocytes

(leukodiapedesis) is characterized by the following features:

- a) leukocytes come out interendothelially,

b) the basement membrane is overcome by the thixotropy mechanism,
c) leukocytes form pseudopodia,

d) leukocytes enter the field of inflammation following monocytes,
e) leukocytes go beyond the vascular wall through the mechanism of pinocytosis.

List of recommended literature:

Basic literature:

1. "Basic pathology" Vinay Kumar, Ramzi S. Cotran, Stanley L. Robbins, 1997.

Additional literature:

1. "Pathology. Quick Review and MCQs" Harsh Mohan, 2004.
2. "Textbook of Pathology" Harsh Mohan, 2002.
3. "General and Systemic Pathology" Joseph Hunter, 2002.
4. "General and Systematic Pathology" Ed. J.C.E. Underwood – Edinburgh: Churchill Livingstone, 1996 (2th).
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6. "Histopathology. A Color Atlas and Textbook" Damjanov I., McCue P.A. – Baltimore, Philadelphia, London, Paris etc.: Williams and Wilkins, A Waverly Co., 1996.
7. "Muir's Textbook of Pathology" Eds. R.N.M. MacSween, K. Whaley London: ELBS, 1994 (14th).
8. "Pathology" Eds. Rubin, J.L. Farber – Philadelphia: Lippincott Raven Publ, 1998 (3th).
9. "Pathology Illustrated" Govan A.D.T., Macfarlane P.S., Callander R. – Edinburgh: Churchill Livingstone, 1995 (4th).
10. "Robbins Pathologic Basic of Disease" Eds. R.S.Cotran, V.Kumar, T.Collins – Philadelphia, London, Toronto, Montreal, Sydney, Tokyo: W.B.Saunders Co., 1998 (6th).
11. "Wheater's Basic Histopathology. A Color Atlas and Text" Burkitt H.G., Stevens A.J.S.L., Young B. – Edinburgh: Churchill Livingstone, 1996 (3th).
12. "Color Atlas of Anatomical Pathology" Cooke R.A., Steward B. – Edinburgh: Churchill Livingstone, 1995 (10th).
13. "General Pathology" Walter J.B., Talbot I.C. – Edinburgh: Churchill Livingstone, 1996 (7th).
14. "Concise Pathology" Parakrama Chandrasoma, Glive R. Taylor.
15. "Pathology" Virginia A. LiVolsi, Maria J. Merino, John S. J. Brooks, Scott H. Saul, John E. Tomaszewski, 1994.
16. "Short lectures on pathology" Zagoroulko A., 2002
17. "Robbins pathologic basis of diseases" Cotran R., Kumar V., Collins T.
18. "General pathology" Dr. Fatma Hafez, 1979.
19. "Anderson's Pathology" Damjanov I., Linder J. – St. Louis: Mosby Inc., 1995 (10th).

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