

VOLGOGRAD STATE
MEDICAL UNIVERSITY
Department of Pathological Anatomy

Pathological anatomy of protein and carbohydrate metabolism disorders.

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QUESTIONS

Choose one correct answer

1. Protein inclusions in the cytoplasm of cells look like:

- a) basophilic grains,
- b) eosinophilic drops or masses,
- c) vacuoles,
- d) brown granules,
- e) golden granules.

2. A plasma cell with an excessive accumulation of protein is called a body:

- a) Kaussilmen,
- b) Mallory,
- c) Roussel,
- d) Heinz,
- e) Pappenheim.

3. With protein starvation, steatosis develops in:

- a) liver,
- b) kidneys,
- c) in the heart,
- d) adrenal glands,
- e) spleen.

4. With protein dystrophy and swelling of the epithelium of the proximal kidney tubules, the following clinical syndrome develops:

- a) proteinuric,
- b) edematous,
- c) portal hypertension,
- d) nephrotic,
- e) hemolytic uremic.

5. Hereditary storage diseases are called:

- a) thesaurismoses,
- b) systemic,
- c) autoimmune,
- d) cerebrovascular,
- e) immunocomplex.

6. Dye for histochemical detection of amyloid

- 1) Sudan III

2) sudan black

3) congo red

4) toluidine blue

5) hematoxylin-eosin

7. Amyloidosis can complicate the course

1) lymphocytic leukemia

2) myeloid leukemia

3) multiple myeloma

4) pernicious anemia

5) hemolytic anemia

8. Amyloidosis in periodic illness is

1) primary

2) senile

3) tumor-like

4) acquired

5) hereditary

9. Stages of spleen amyloidosis

1) porphyry

2) ham

3) nutmeg

4) brindle

5) greasy

6) sago

10. A pronounced hydropic dystrophy is called:

1) balloon

2) hyaline

3) fat

4) mucous

5) horny

11. Outcome of hydropic dystrophy:

1) coagulation necrosis

2) mucoid swelling

3) colliquation necrosis

4) reverse development

5) amyloidosis.

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.
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5. "Histology for Pathologist" Ed. S.S.Sternberg – Philadelphia: Lippincott Raven Publ, 1997 (2th).
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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