

Control question and literature
to the Topic 2 “Disorders of metabolism in cells and tissues. Pathology of accumulation (dystrophy). Disorders of protein and carbohydrate metabolism. Hyaline changes. Muroid and fibrinoid swelling”
on pathological anatomy (3rd semester)

Control question:

1. Parenchymatous protein dystrophy: classification. Hyalin-dropsical and hydropic degeneration, hyperkeratosis and leukoplakia: causes, pathogenesis, morphological characteristics, outcomes, functional significance.
2. Stromal-vascular protein dystrophy. Muroid and fibrinoid swelling: causes, pathogenesis, morphological characteristics, outcomes, functional significance.
3. Stromal-vascular protein dystrophy. Hyalinosis: causes, pathogenesis, classification, morphological characteristics, outcomes, functional significance.
4. Parenchymal and stromal-vascular carbohydrate dystrophies. Dystrophies associated with the exchange of glycoproteins: causes, pathogenesis, morphological characteristics, outcomes, functional significance. Morphogenesis of glycogen metabolism: disorders in diabetes mellitus. Macroglossy in Pompe disease.

Literature to the Topic

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).
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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