



Scientific team

*Dr. Ola Pathology Questions  
Athar's Quiz*

*Scientific Team  
With you step by step.....*



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1. A 70-year-old male patient, smoker, presented with hoarseness of voice. Laryngoscopy revealed an ulcerated lesion. A biopsy was taken, to show an invasive malignant epithelial tumor composed of nests of cells with some keratin formation present. Which one of the following statements about the patient's neoplasm is true :

- A. Most cases are caused by HPV
- B. Most cases occur below the true vocal cords
- C. The tumor is best diagnosed as an adenocarcinoma
- D. The supraglottic types metastasize to the lymph nodes in one third of cases
- E. The subglottic tumors tend to be symptomatic early in the course of the disease

**Answer: D**

2. One of the following is a common indirect cause of acute respiratory distress syndrome (ARDS) :

- A. Pneumonia
- B. Aspiration
- C. Fat embolism
- D. uremia
- E. Sever Trauma with shock

**Answer: E**

3. A 50-year-old man, with a history of heavy smoking, presented to the emergency department complaining of a productive cough that had been progressive and continuous for more than 3 months in the last two years. A physical examination revealed an obese man with a slight bluish skin discoloration. PFT showed a decreased FEV1. Choose the correct statement about the patient's disease :

- A. Reid index is expected to be normal
- B. It is basically defined based on the morphological features
- C. The smaller bronchi and bronchioles are never involved
- D. The airflow obstruction is caused primarily by small airway disease and co-existing emphysema
- E. Microbial infection has a primary role in the pathogenesis

**Answer: D**



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4. Choose the correct statement regarding emphysema :

- A. Histologically characterized by thinning and destruction of alveolar walls with deformed bronchioles
- B. The most striking histological feature is the presence of mucus glands hypertrophy
- C. The alveoli are affected in all types
- D. The centriacinar type is more common and severe in the lower lobes
- E. The centriacinar type is mostly related to 1- antitrypsin deficiency

Answer: A

5. Choose the correct statement regarding the histological features of asthma :

- A. Decrease in the size of the submucosal glands and goblet cell metaplasia
- B. Hypertrophy of the bronchial smooth muscle
- C. Decreased submucosal vascularity
- D. Destruction of the alveoli
- E. All of the above usually occur

Answer: B

6. Which of the following characteristics best describes bronchiectasis?

- A. It is a transient dilatation of bronchi & bronchioles
- B. Characterized grossly by narrowed and occluded bronchi unilaterally
- C. In an active full-blown disease, an intense acute & chronic inflammatory exudates and desquamation of lining epithelium may be present
- D. In all cases, it starts with bronchial obstruction
- E. None of the above is true

Answer: C