

1. Elaborate on the changes in cardiorespiratory system during sleep. [www.FirstRanker.com](http://www.FirstRanker.com)
2. What are the non-infectious pulmonary complications of hematopoietic stem cell transplant? List the risk factors for the same.
3. What criteria are used to diagnose severe asthma with fungal sensitivity (SAFS)? Describe in brief about clinical staging and treatment of ABPA.
4. A 58-year-old farmer, smoker presents with right shoulder pain and weakness in right hand of one-month duration. Chest CT shows a mass of 3.2 cm in apical segment, upper lobe of right lung. There are no mediastinal nodes. How will you manage this patient?
5. How are bullous lung diseases classified? What are the indications and contraindications for bullectomy?
6. Describe the pathophysiology of sarcoidosis. Classify pulmonary sarcoidosis and write about treatment of pulmonary sarcoidosis.
7. Write the diagnostic criteria for IPF. Write a brief note on genetic and familial ILD.
8. Write about indications and contraindications of lung transplant.
9. Describe the medical and surgical treatment of obesity.
10. Describe in brief about the genetics of alpha 1 antitrypsin. Describe the pulmonary manifestations and management of alpha 1 antitrypsin deficiency.

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