Pathology of Lung Lecture I

Date: Thursday, November 14, 2018
Reading: Robbins Basic Pathology, Kumar et al., 9th Edition
        Chapter 12 The Lung; pages: 459-471.

KEY CONCEPTS AND LEARNING OBJECTIVES:

1. Explain the normal histology of the lung and the respiratory tree.

2. Explain the basic pathophysiology, morphologic findings and associated clinical implications of the following congenital anomalies (congenital agenesis/hypoplasia, tracheoesophageal abnormalities (atresia, fistula etc.)

3. Define “atelecasis”. Describe three forms of acquired atelectasis.

4. Explain the acute lung injury patterns.

5. Describe the pathogenesis, etiology, gross/microscopic morphology and clinical implications of adult respiratory distress syndrome (diffuse alveolar damage).

6. Describe the pathogenesis, etiology, gross/microscopic morphology and clinical implications and long term complications of neonatal respiratory distress syndrome.