**PATHOLOGY**

- Progressively worsening dyspnea appear **10 to 20 years** after exposure to asbestos.

- Acute radiation pneumonitis occurs **1 to 6 months** after therapy

- In hypersensitivity pneumonitis:

● Allergic alveolitis ---》 signs and symptoms arising **4 to 8 hours** after exposure

● complete resolution of pulmonary symptoms occurs **within days**

- In pulmonary infections:

Treated patients may be afebrile with few clinical signs **48-72 hours** after the initiation of antibiotic

- The earliest phase of primary TB (**First 3 weeks**)

- In primary TB development of cell-mediated immunity occurs --》 **3 weeks** after exposure

- Lymphatic and hematogenus dissemination of Ghon complex to other part of body --》 **first few week**

- Conventional culture for mycobacteria require ---》 **up to 10 weeks**

- Radiometric assays that detect mycobacteria metabolism are able to provide an answer within **2 weeks**

-pulmonary infarction becomes gray-white **after 4 weeks**

- In pulmonary infarction red blood cells begin to lyse **within 48 hours**

- Superimposed thromboembolism and pneumonia ensures **within 2 to 5 years** in 80% of patients.