Goals and Objectives

Lecture: Pneumoconiosis (Occupational lung diseases, Pulmonary pathology) also covered CPAM and lobar sequestrations
September 22, 2014
Dr. Harman Sekhon

Medical Expert:
- Be able to know the definition of pneumoconiosis.
- Acquire knowledge pertaining to the epidemiology of various types of pneumoconiosis.
- Acquire knowledge pertaining to risk factors for pneumoconiosis.
- Acquire knowledge regarding the gross appearance of lung with pneumoconiosis.
- Acquire knowledge in the interpretation of histological features in lung with inorganic dust exposure.
- Acquire knowledge in formulating a differential diagnosis related to findings in pneumoconiosis.
- Acquire knowledge of the tools to identify the various dust particles in entities of pneumoconiosis.

Communicator:
- Acquire knowledge on the importance of gathering clinical information pertaining to pneumoconiosis.
- Acquire knowledge on how to formulate pathologic reports pertaining pneumoconiosis.

Collaborator:
- Acquire knowledge of the roles of various team members in the diagnosis pneumoconiosis (e.g. family physicians, respirologist).
- Acquire knowledge on the role of intra and interdepartmental consultations in the pathologic diagnosis of pneumoconiosis (radiologists).

Manager:
- Acquire knowledge on understanding the value of TEM and SEM in diagnosis of pneumoconiosis.

Health Advocate:
- Acquire knowledge on understanding the impact of a diagnosis of pneumoconiosis in patients for compensation.
- Acquire knowledge on the importance of turn around time for diagnosis of pneumoconiosis to help clinicians to manage the patient appropriately related to social issues.

**Professional:**
- Acquire knowledge on when to appropriately consult an expert in pulmonary pathology.
- Acquire knowledge on the limitations to the interpretation of limited tissue for diagnosis and convey the information for appropriate type of tissue needed for accurate diagnosis related to occupational lung diseases.

**Scholar:**
- Acquire knowledge on relevant sources of information (journals, textbooks, web-based resources) for reviewing literature pertaining to occupational lung diseases.
- Acquire knowledge on relevant pathology organizations/meetings pertaining to pulmonary pathology.
- Acquire knowledge on possible research project ideas in the field of lung pathology.