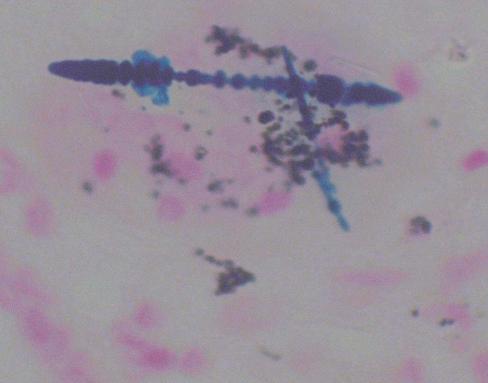
#### Asbestos Bodies and Asbestosis

### Light Microscopic Images from a lung biopsy

#### Asbestosis

- NIOSH/CAP 1982 report on Pathology of Asbestos-Related Disease [Craighead, J.E., Abraham, J.L., Churg, A.C., et al: The pathology of asbestos-associated diseases of the lungs and pleural cavities: diagnostic criteria and proposed grading schema. Arch. Pathol. Lab. Med. 106:544-597, 1982.]
  - NIOSH = National Institute for Occupational Safety and Health
  - CAP = College of American Pathologists
- Asbestosis defined for pathologists as presence of peribronchiolar fibrosis and interstitial fibrosis AND more than one asbestos body in a section of lung parenchyma
- Grades 1 to 4 severity:
  - Grade 1 = peribronchiolar fibrosis only
  - Grade 4 = dense fibrosis ('end stage') no normal lung recognizable
     SUNY Upstate Medical University

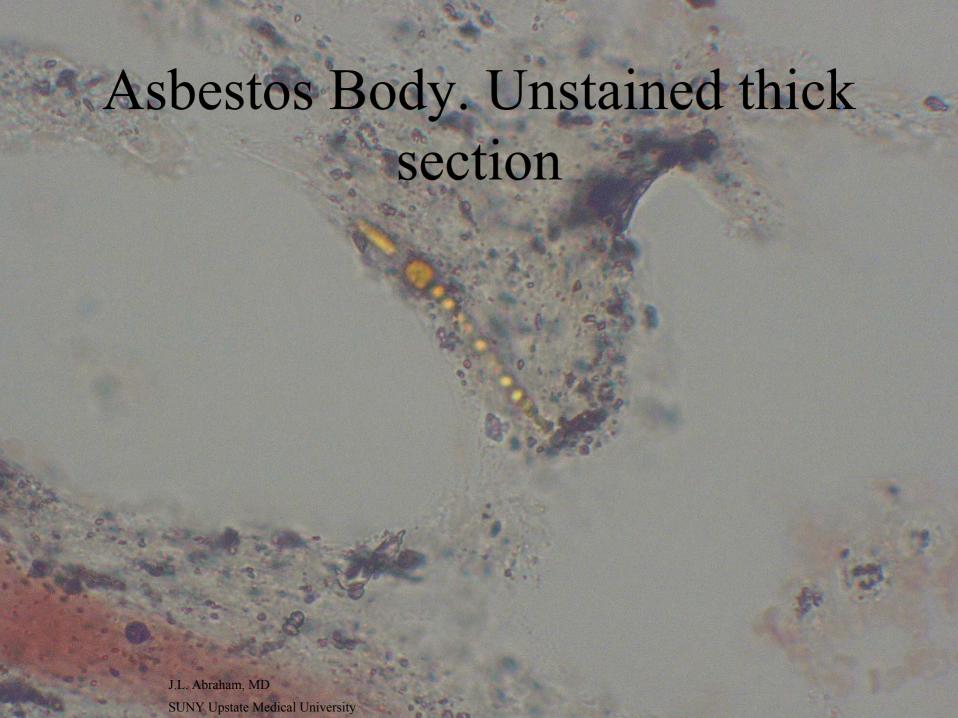
#### Asbestos Bodies. Iron Stain



#### Asbestos Body. Iron Stain

#### Asbestos Body. Iron Stain

#### Asbestos Body. Iron Stain



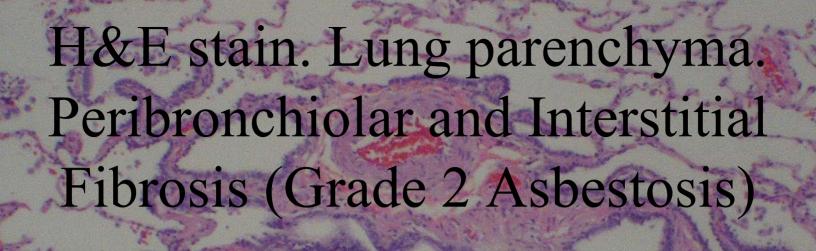
## Asbestos Bodies. Unstained thick section

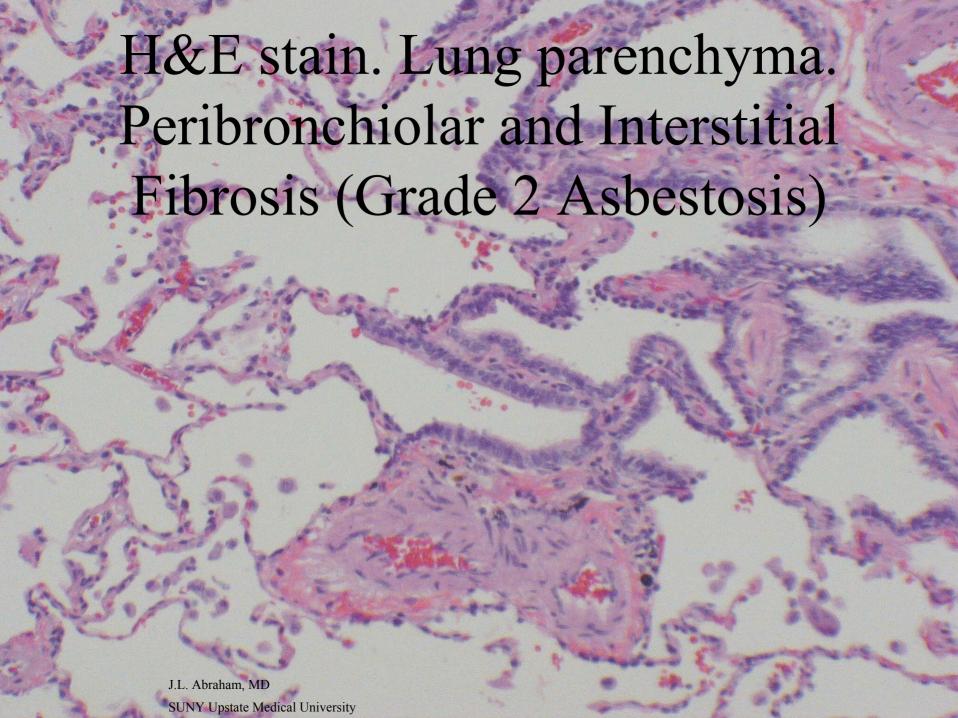


## Asbestos Bodies. Unstained thick section. Peribronchiolar fibrosis

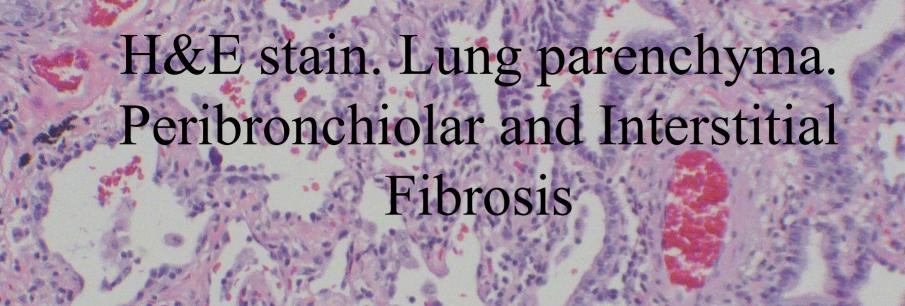


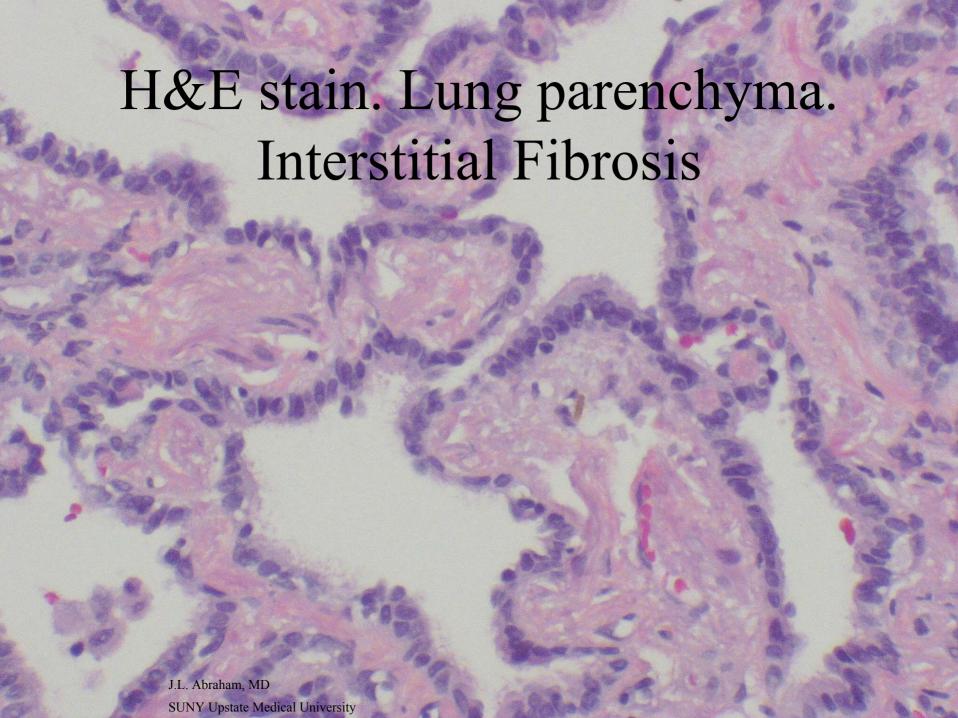
# H&E stain. Lung parenchyma. Many normal alveoli. Mild Peribronchiolar fibrosis (Grade 1 Asbestosis)











H&E stain. Lung parenchyma. Interstitial Fibrosis. Asbestos

Body

