

Disclosures - None

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Objectives

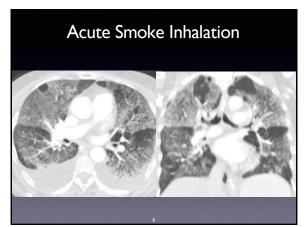
- Become familiar with frequently encountered non-traumatic pulmonary emergencies

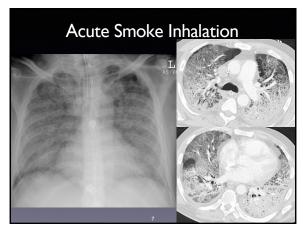
 Recognize common causes of non-traumatic lung injury and
- their imaging pattern

Frequently Encountered Lung Injuries Acute Smoke Inhalation Aspiration EVALI Infection - COVID Near Drowning Pulmonary Hemorrhage

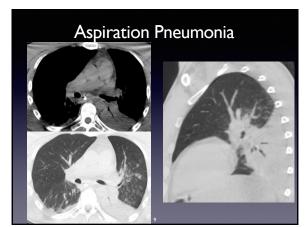
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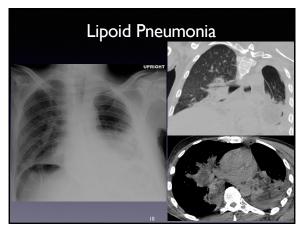
Acute Smoke Inhalation Type of acute lung injury (ALI) - occurs as a result of a severe pulmonary injury that causes alveolar damage (ARDS) - histological features seen in acute interstitial pneumonitis (AIP), showing extensive diffuse alveolar damage (DAD)

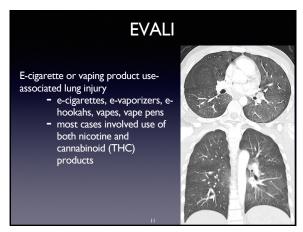


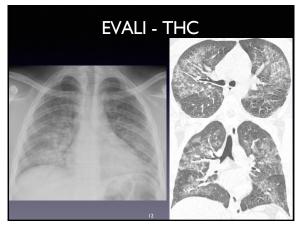


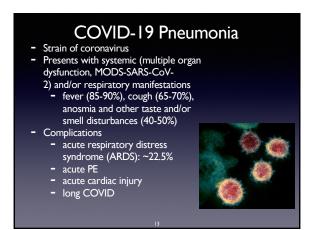
Aspiration Pneumonia Various etiologies - aspiration of partially-digested food - aspiration of water - aspiration of mineral oils - exogenous lipoid pneumonia - acute exogenous lipoid pneumonia - chronic exogenous lipoid pneumonia - chronic exogenous lipoid pneumonia - foreign body aspiration

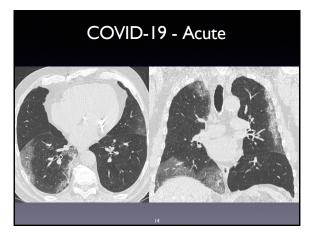


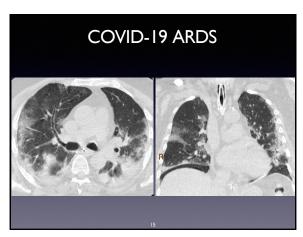


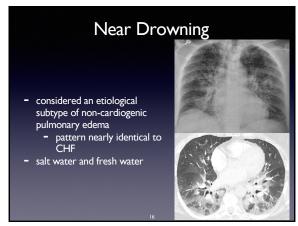


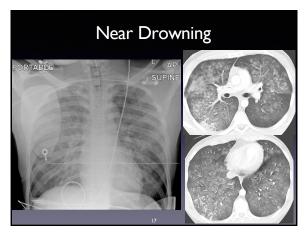


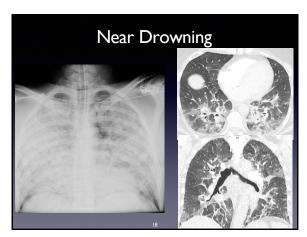










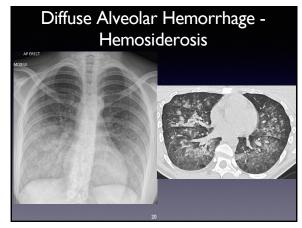


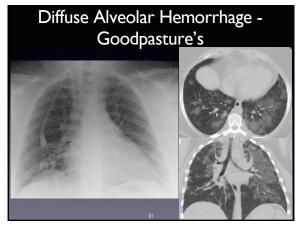
Pulmonary Hemorrhage

- Any form of bleeding into the lung
 Diffuse vs localized
 diffuse pulmonary hemorrhage (DPH)
 diffuse alveolar hemorrhage (DAH)
 localized pulmonary hemorrhage

 - Etiologies:
 - pulmonary vasculitides (Churg-Strauss, GPA/Wegener's, Goodpasture's, etc.)
 pulmonary hemosiderosis
 widespread pulmonary metastasis

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THANK YOU & BEST WISHES! Tan-Lucien H. Mohammed, MD, FACR, FCCP