

What is Acute Respiratory Distress Syndrome?

CLINICAL FEATURES

- Progressive **dyspnea** with worsening **hypoxemia** and **bilateral infiltrates** on chest image within 6 hours to 7 days of inciting event

PATHOPHYSIOLOGY

- Alveolar injury □ excess fluid in the interstitium and alveoli □ impaired gas exchange, decreased lung compliance, and increased pulmonary arterial pressure



DIAGNOSIS

History and Physical

- Identify inciting event

Imaging

- CT chest/chest X-ray with bilateral patchy infiltrates
- Chest ultrasound with B-lines and consolidative pattern

Testing

- ABG to determine severity ($\text{PaO}_2/\text{FIO}_2$ ratio)
- Exclude cardiac causes for pulmonary edema (ECG and ECHO)