RDS

Fares Chedid
RDS of Prematurity

- Reduced lung volume
- Homogeneous granularity
- Air bronchoram

- X-ray findings modified by CPAP and surfactant
RDS Prematurity

- Lost heart limits
Pneumothorax
PIE
TTN = Wet lung

- Increased central vascular markings
- Prominent inter-lobar fissures
TTN = wet lung

- Increased central vascular markings
- Hyper-aeration
- Cardiomegaly
Pneumonia

Coarse opacity
Pneumonia

**DD:**
- TTN
- Meconium aspiration
- Aspiration of gastric content
- Pulmonary hemorrhage

Coarse opacity
Pneumonia
Meconium Aspiration

- MSAF
- Meconium aspiration
- Meconium aspiration syndrome
Meconium Aspiration

Coarse infiltrates
Widespread consolidation
Hyperinflation
Pleural effusion
Pneumothorax and pneumomediastinum
Pulmonary hemorrhage

Patchy infiltrate
BPD

8 days  12 days  30 days
Hydrops