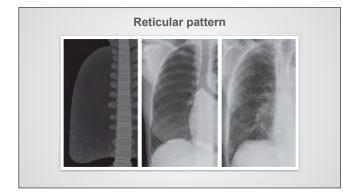


Patterns of interstitial lung disease • Linear	
Patterns of interstitial lung disease Linear Reticular	
Patterns of interstitial lung disease Linear Reticular Nodular	

Patterns of interstitial lung disease

- Linear
- Reticular
- Nodular
- Reticulonodular

Linear pattern



Identifying interstitial lines on the chest X-ray	
DDx of predominantly linear interstitial pattern Acute vs Chronic	
DDx of predominantly linear interstitial pattern If acute: • Acute interstitial pulmonary edema • Pneumonia—viral	

DDx of predominantly linear interstitial pattern

If chronic:

- · Chronic interstitial pulmonary edema
- Neoplasm—lymphangitis carcimatosis
- Occupational—asbestosis
- Idiopathic—IPF

Honeycombing

Definition:

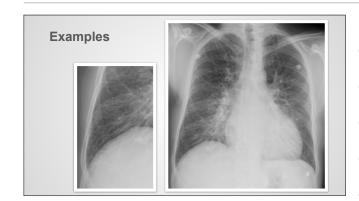
A number of closely approximated ring shadows representing air spaces 5–10 mm in diameter with walls 2–3 mm thick that resemble a true honeycomb. The occurrence of honeycombing implies an "end-stage" lung.

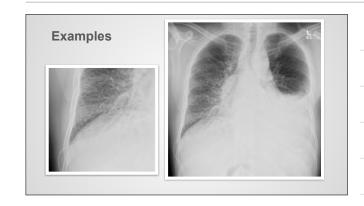
Honeycombing?











Examples

If interstitial linear pattern, start differential diagnosis from clinical context. Are the findings acute or chronic?

If acute-think cardiac

If chronic-think cardiac

- Interstitial lung disease
- Neoplasm (lymphangitis)
- Occupational exposure (asbestosis)