



The lungs, airspaces, and interstitium

Radiological anatomy of peripheral pulmonary vessels and the interstitium

What will I gain from this video?

After watching this video, you will be able to recognize the normal radiological appearance of the interstitium and the peripheral blood vessels in the lungs.

Pulmonary arterial branches



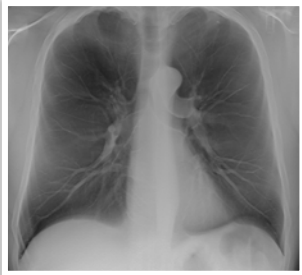
Pulmonary venous branches



Pulmonary vessel radiological anatomy







Take-home messages

- Branching rectangles
- Larger in lower lungs
- Taper to distal 1/3
- Not visible 1 cm from pleura



Interstitial

- Bronchovascular interstitium
- Subpleural interstitium
- Interlobular septae
- Septal interstitium

**Interstitial:
components**

Bronchovascular interstitium

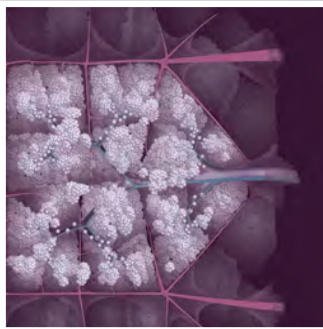


**Interstitial:
components**

Subpleural interstitium



**Secondary
lobule**



**Interstitial:
components**

Interlobular septa



**Interstitial:
components**

Centrilobular septa

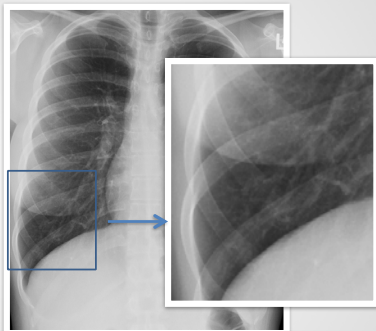


**Interstitial:
components**

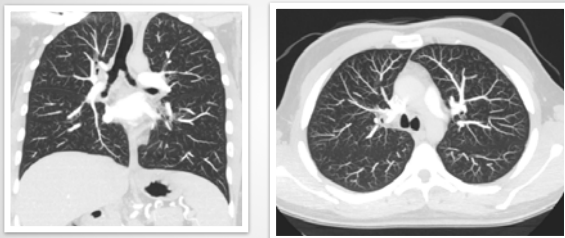
Septal interstitium



Examples



HRCT



Normal interstitium is invisible.

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Fissures and pleura should be sharp.

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Peripheral 1 cm of each lung should be clear of markings.

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NOTE: Any visible peripheral interstitial markings are abnormal.

