


RADIOGRAPHIC SIGNS OF LOBAR COLLAPSE

by Nick Mark, MD

Comments? Questions?

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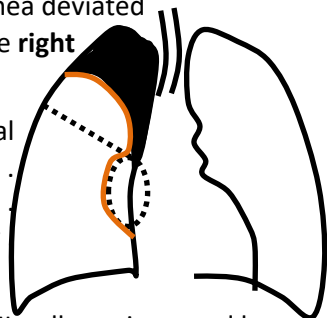
General findings to look for:

- **Crowding** of ribs near collapse
- **Mediastinal shift** towards the collapse
- **Hyperlucency** of other lobes
- **Ipsilateral hemidiaphragm elevation**

RUL

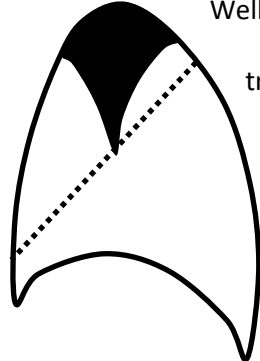
Trachea deviated to the **right**

Horizontal fissure displaced **superiorly**



When RUL collapse is caused by a **hilar mass Golden's S Sign** results.

Well defined superior triangular opacity

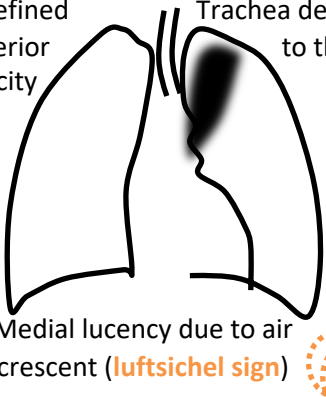


LUL

Ill defined superior opacity

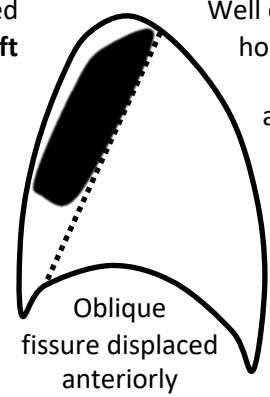
Trachea deviated to the **left**

Medial lucency due to air crescent (**luftsichel sign**)



Well defined horizontal opacity anterior to the oblique fissure

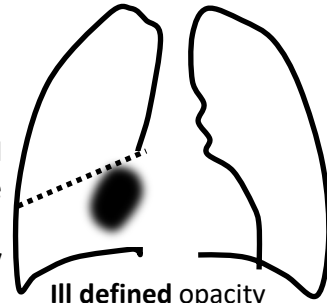
Oblique fissure displaced anteriorly



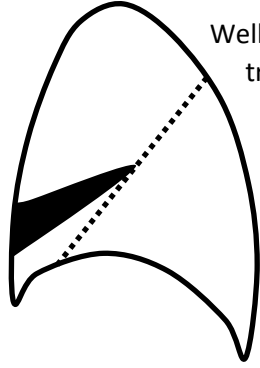
RML

Horizontal fissure displaced **inferiorly**

Ill defined opacity with loss of right heart border

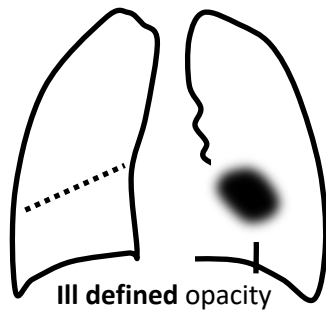


Well defined triangular opacity anterior to hilum

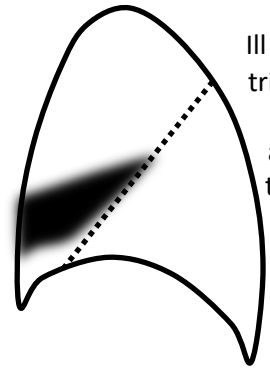


Lingula

Ill defined opacity with loss of left heart border



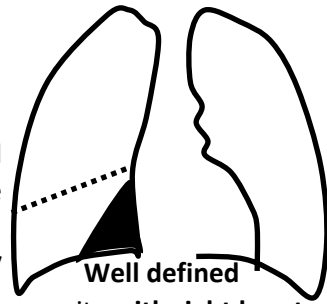
Ill defined triangular opacity anterior to hilum



RLL

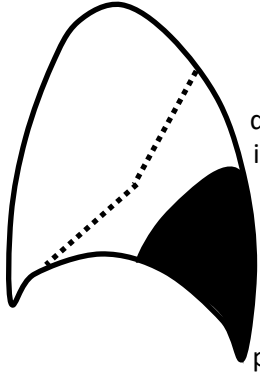
Horizontal fissure displaced **inferiorly**

Well defined opacity with right heart border visible and loss of medial diaphragm



Oblique fissure displaced inferiorly

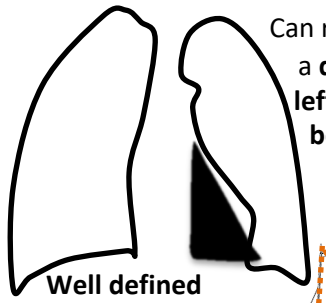
Well defined posterior opacity



LLL

Can resemble a **double left heart border**

Well defined triangular opacity with loss of medial left diaphragm



Also known as the **sail sign**

Well defined posterior opacity

