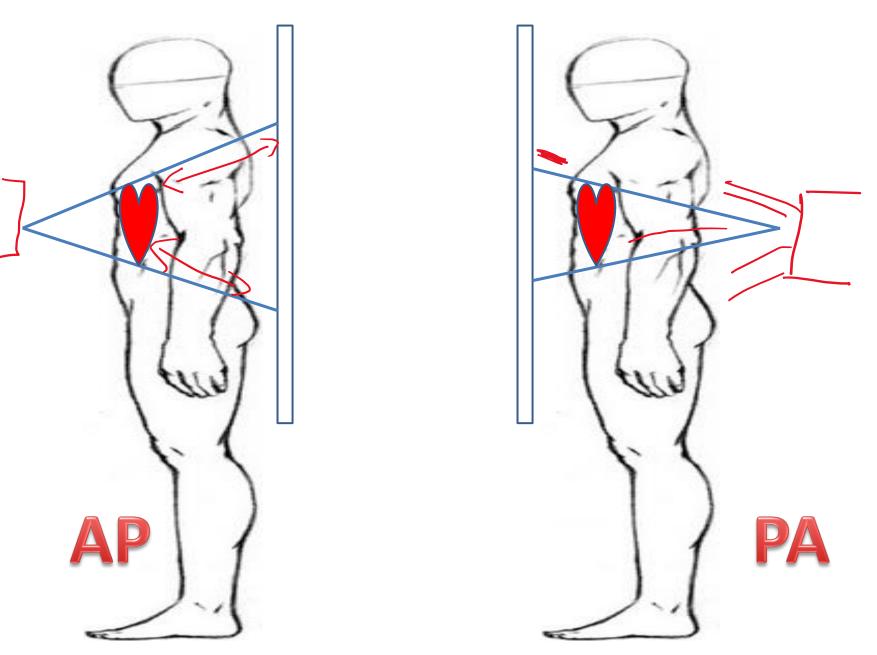
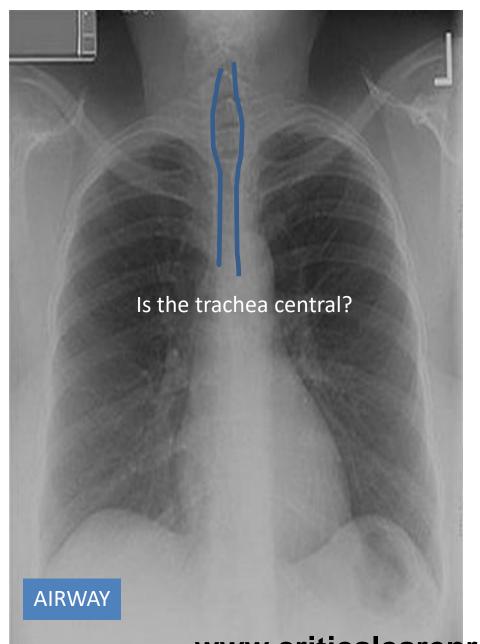
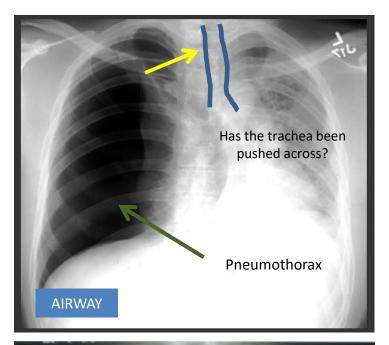


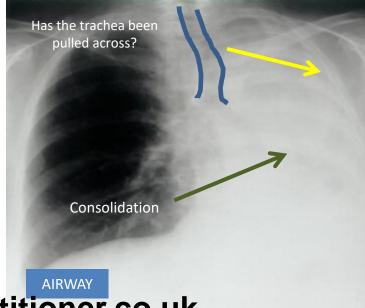
PA or AP?

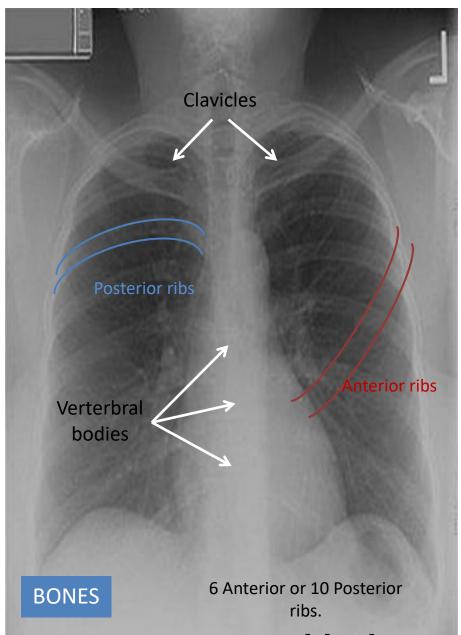


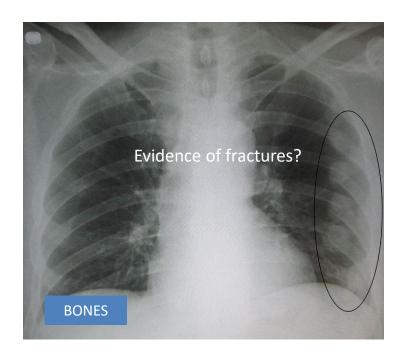
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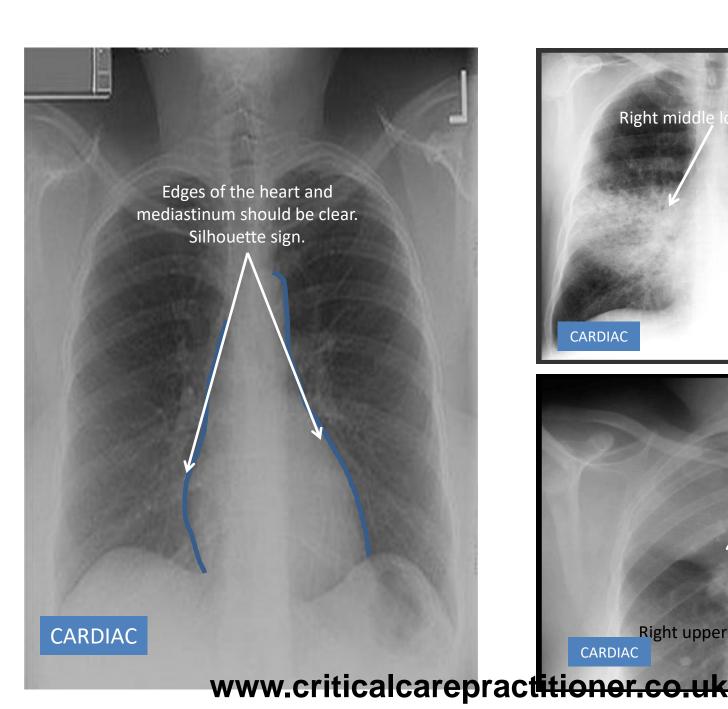


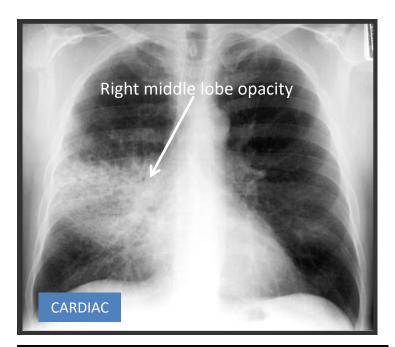


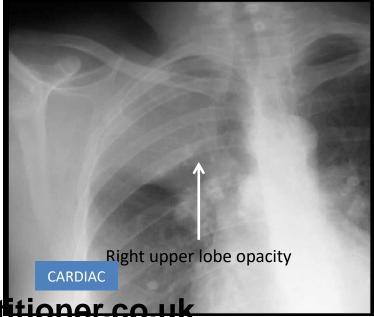


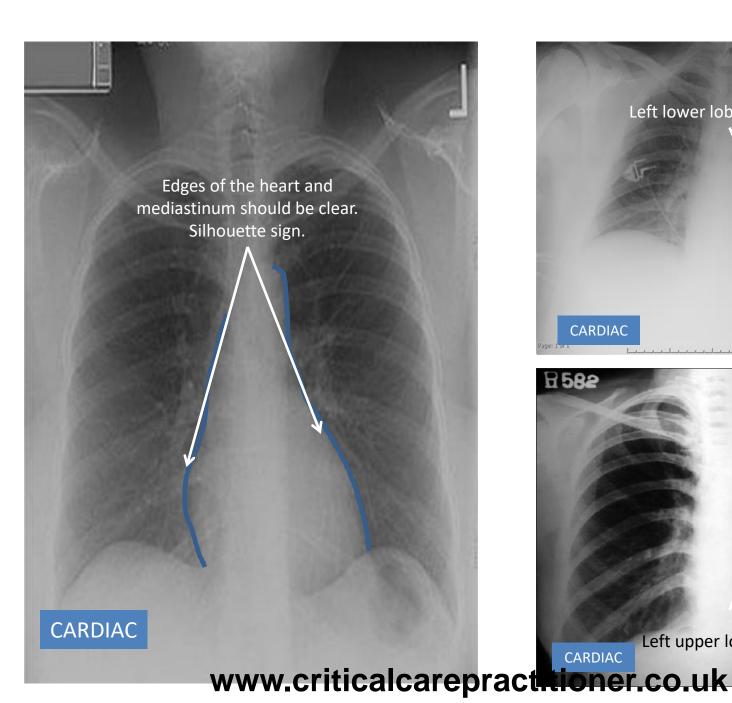


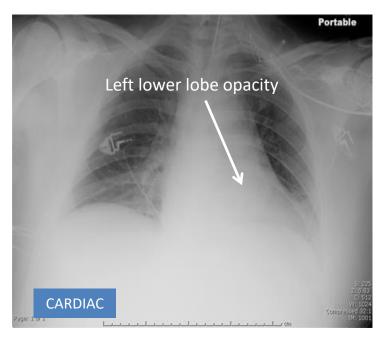


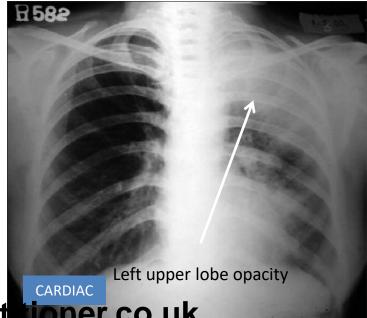


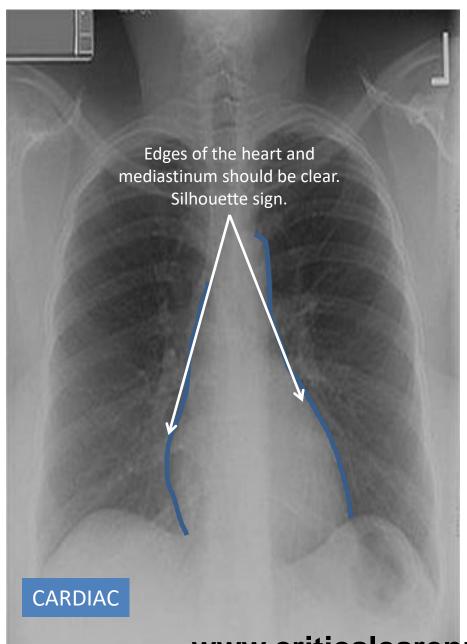


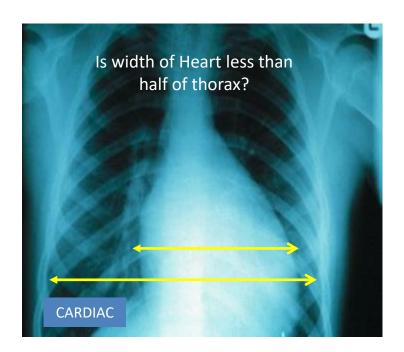


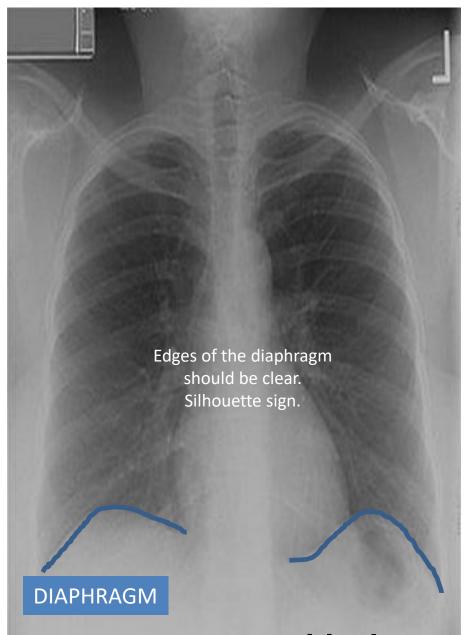


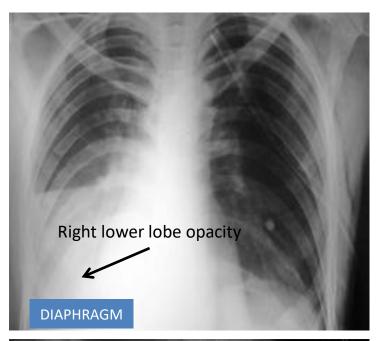


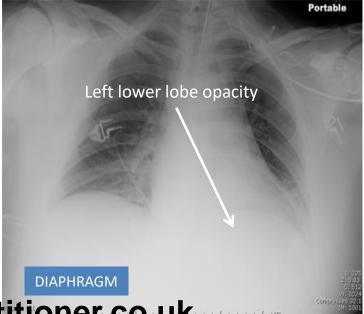


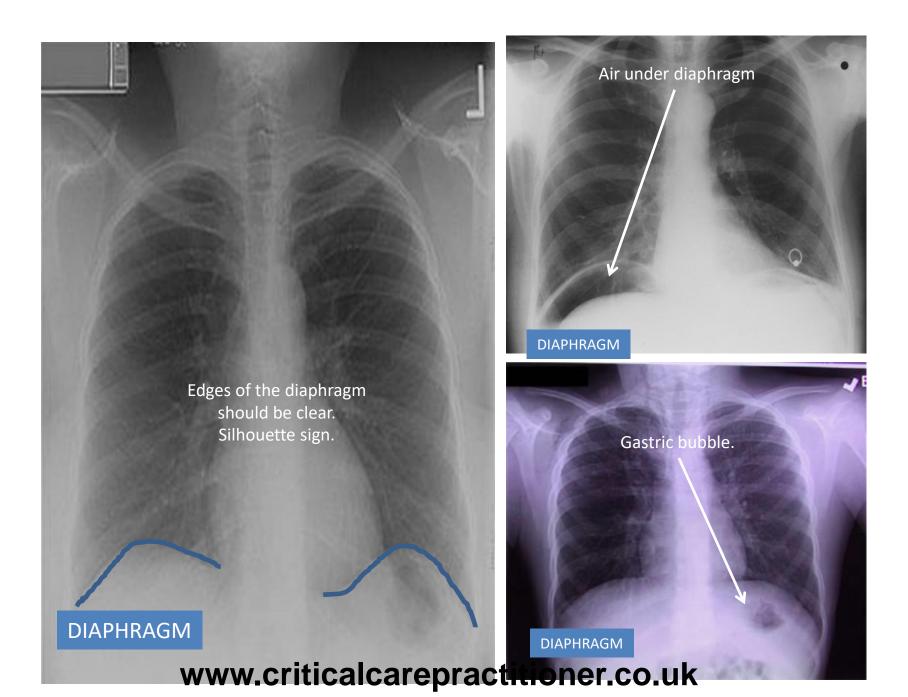


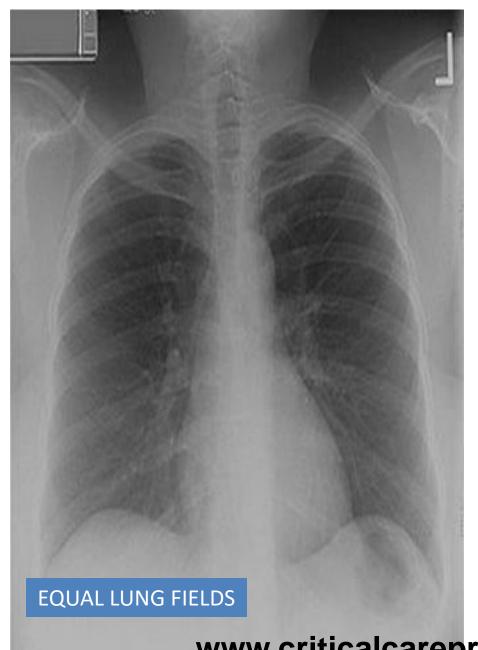


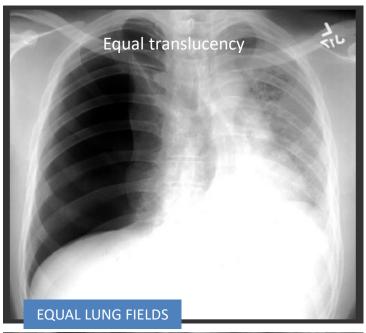






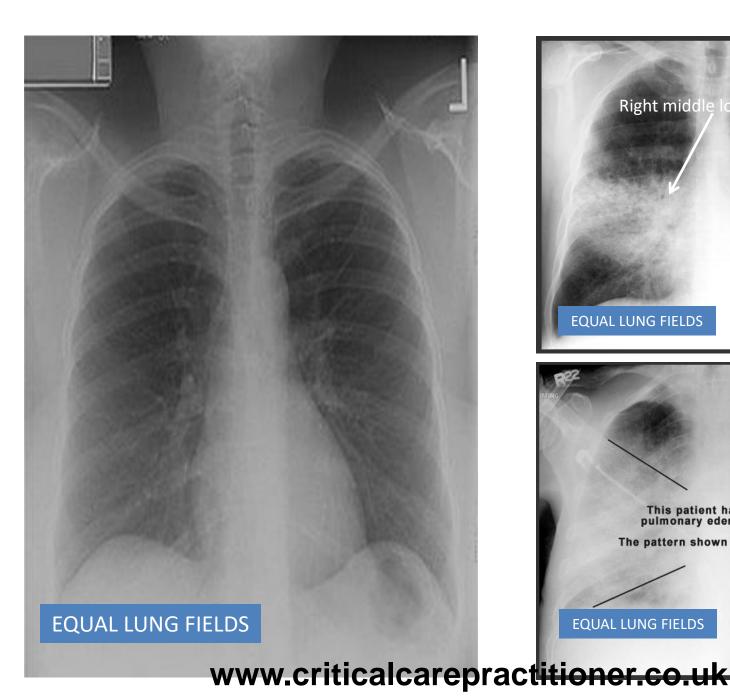


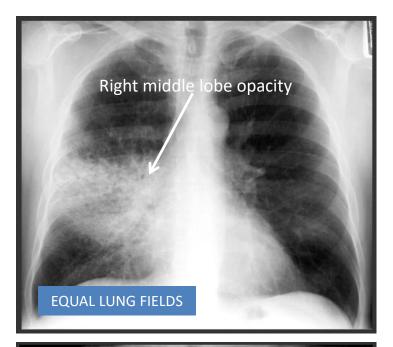


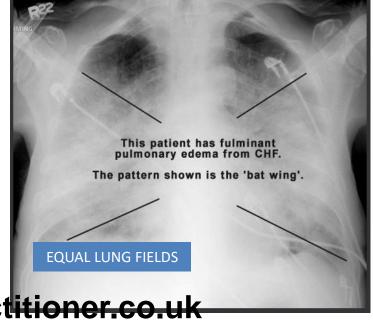


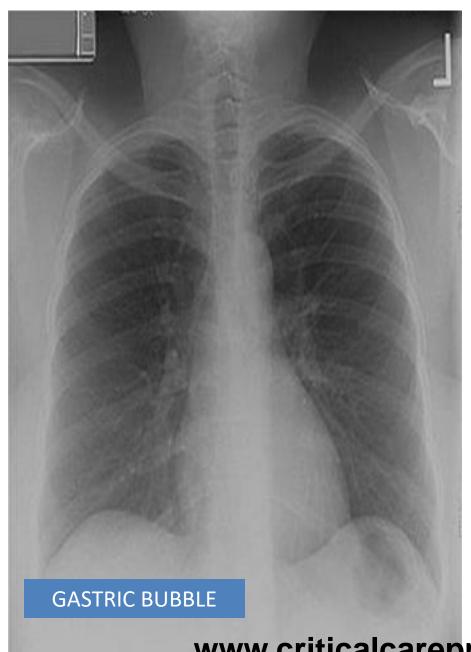


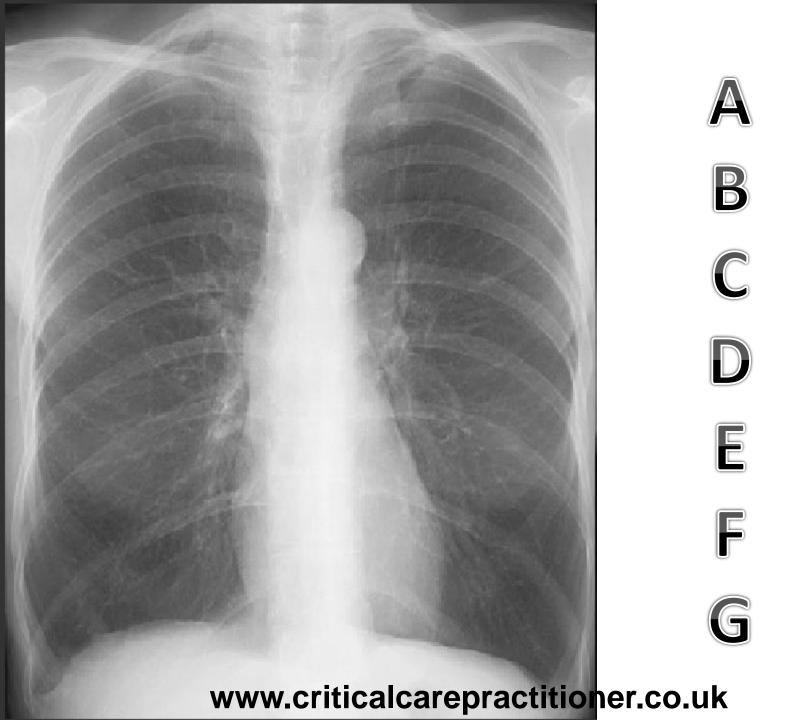
EQUAL LONG FIELDS



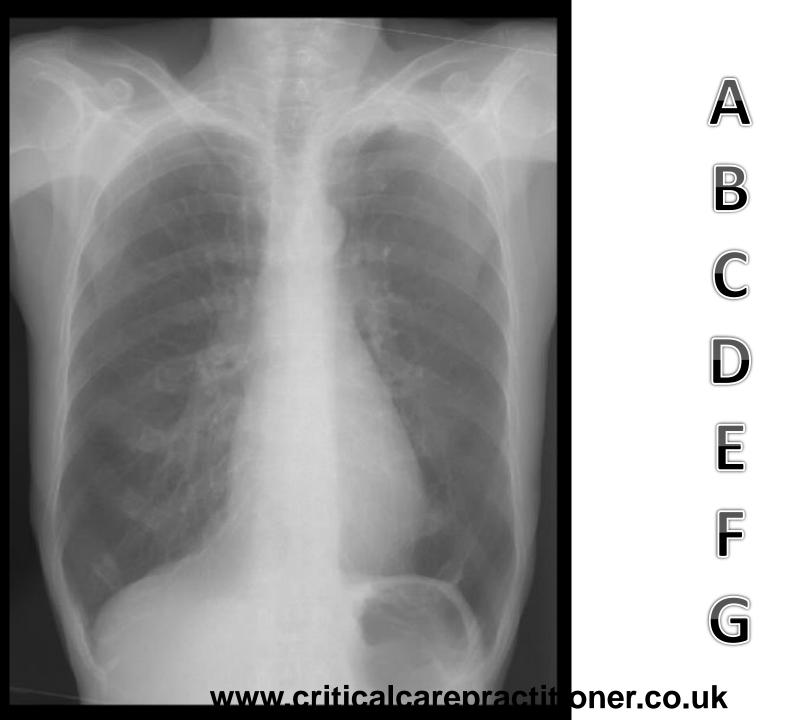








Your Turn!





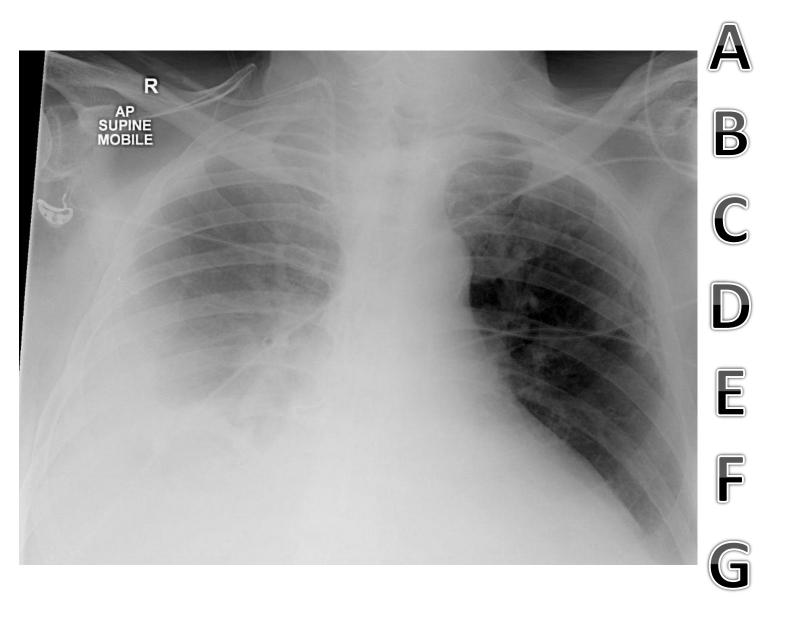
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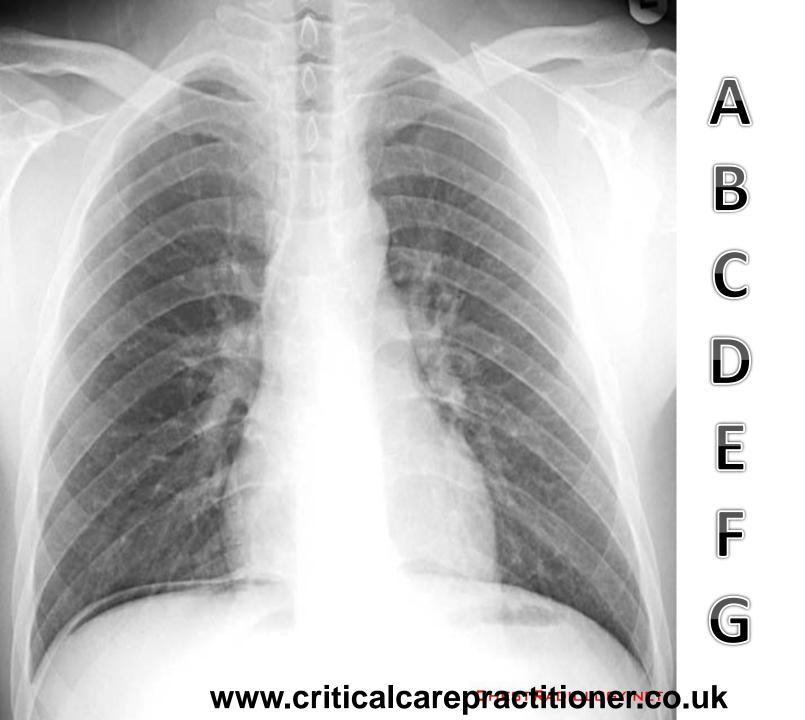
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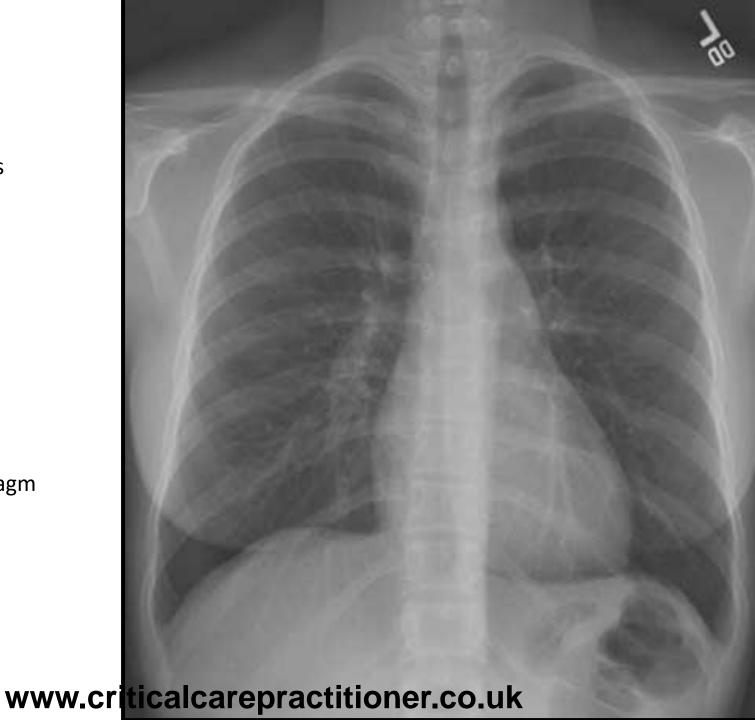


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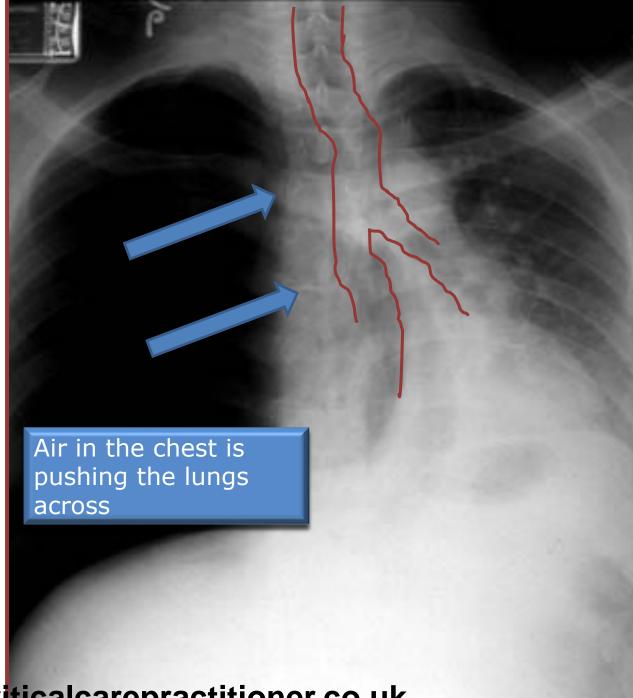
Chest X Rays part II

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas



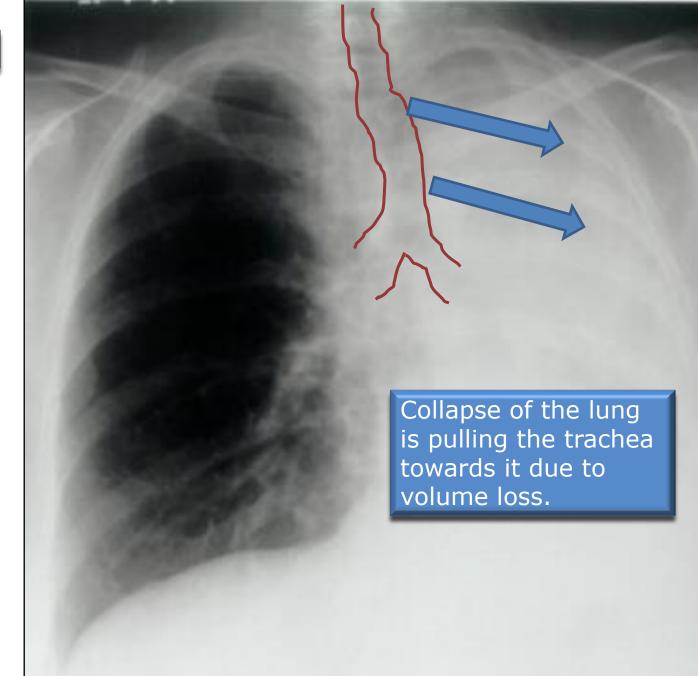
Tracheal deviation

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas



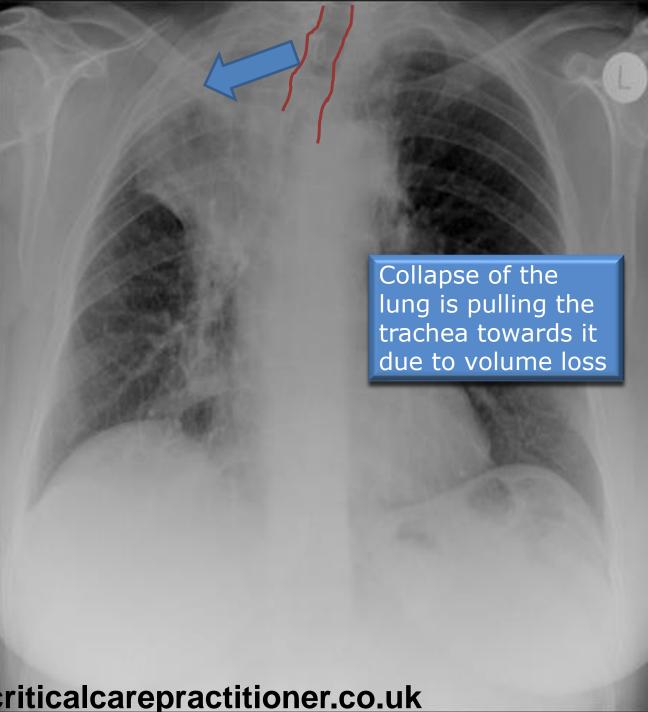
Tracheal deviation

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas



Tracheal deviation

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas



Silhouette sign

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas

	Chest wall- Pleural lung or rib disease
	Left Heart Border- Lingual disease
Hemidiaphragm- Left lower lobe disease	

Right middle lobe
Right heart border
Right upper lobe
Right Mediastinum
Right lower lobe
Right hemidiaphragm
Left upper lobe
Lingula
Left heart border
Left lower lobe
Left hemidiaphragh

Silhouette sign

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- Hilum
- Lungs
- Fissures
- •Diaphragm
- Soft ti Right heart borderBelow middle lobe disease
- Hidden areas

Right middle lobe Right heart border Right upper lobe Right Mediastinum Right lower lobe Right hemidiaphragm Left upper lobe Aortic knuckle Left heart border Lingula Left lower lobe

Density above horizontal fissure-Anterior segment of the right upper lobe

Aortic knuckleanterior mediastinal or left upper lobe disease

Paraspinal line -Posterior thorax disease

Left hemidiaphi www.criticalcarepractitioner.co.uk

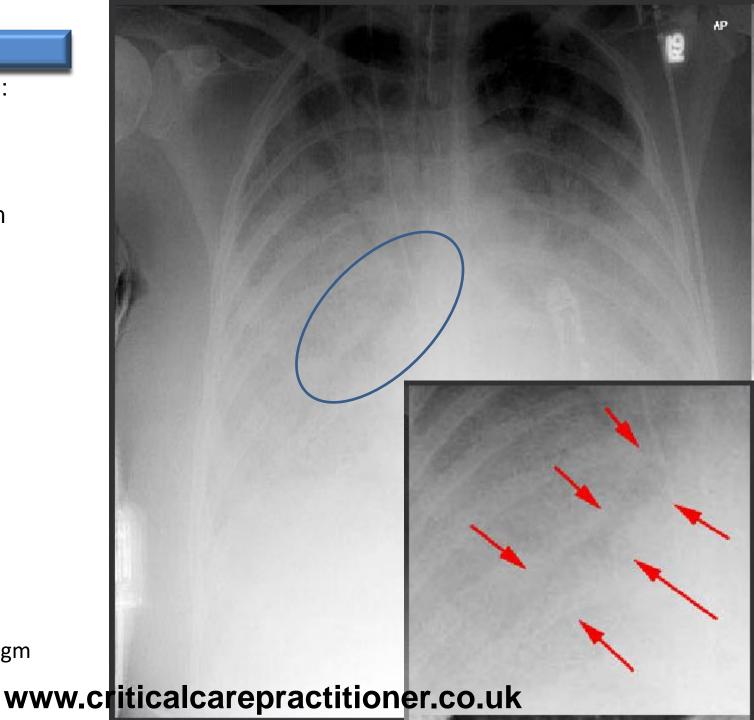
Consolidation

Lungs filling with:

- •Blood
- •Fluid
- •Pus

Air Bronchogram

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- Hilum
- Lungs
- Fissures
- •Diaphragm
- •Soft tissue
- Below diaphragm
- •Hidden areas



Consolidation

Lungs filling with:

- Blood
- •Fluid
- Pus

Right middle lobe

Right upper lobe

Right lower lobe

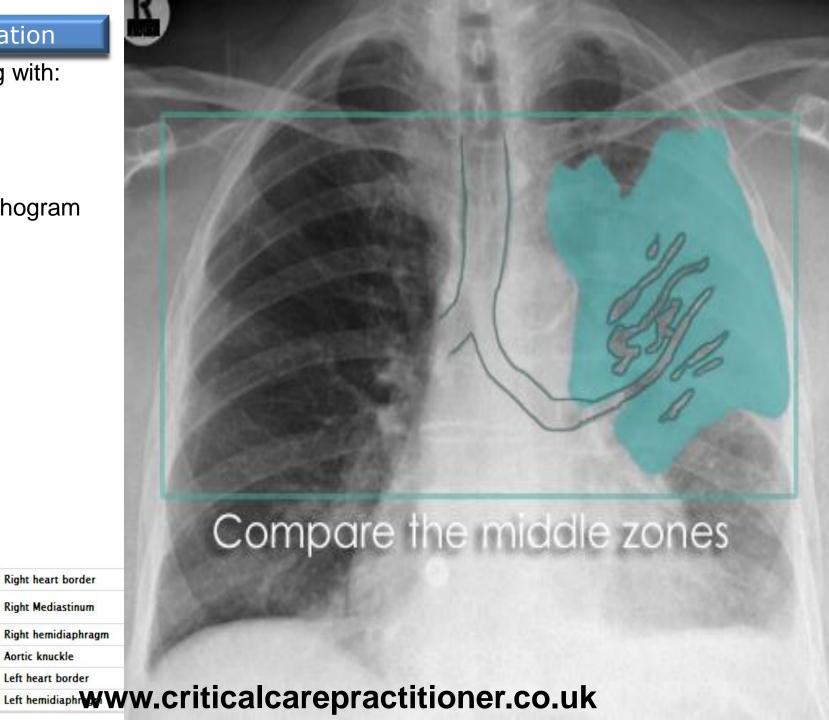
Left upper lobe

Left lower lobe

Lingula

Aortic knuckle

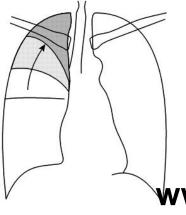
Air Bronchogram





Right upper lobe collapse

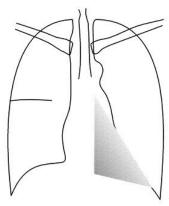
- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas

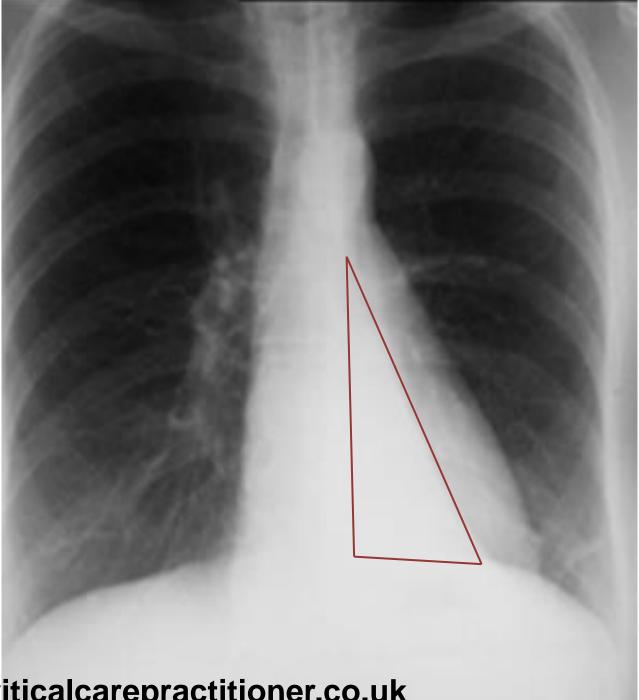




Left lower lobe collapse

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas

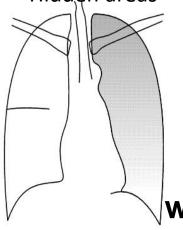


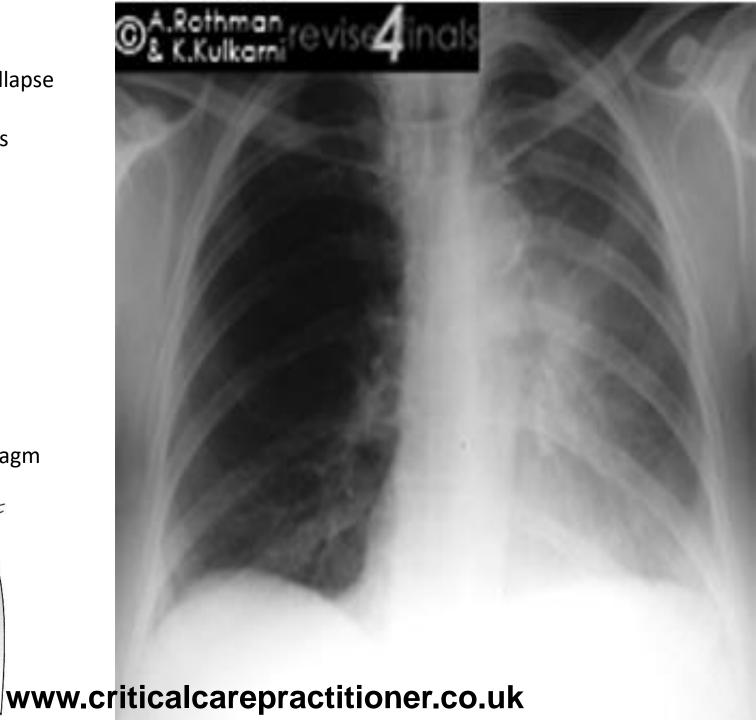




Left upper lobe collapse

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas





This 68 year old gentleman presented with gradual onset shortness of breath and frothy sputum.

Examination of the chest: Displaced apex beat, raised JVP, diminished breath sounds and stony dull percussion at the lung bases bilaterally.

Right heart border

Right Mediastinum

Aortic knuckle

Left heart border

Right hemidiaphragm

Right middle lobe

Right upper lobe

Right lower lobe

Left upper lobe

Left lower lobe

Lingula

Enlarged heart.

High pressure in right side of heart

Fluid in the lung or between the surface and the lung

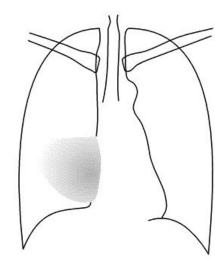
Stony dullness= pleural effusion

> Congestive Cardiac failure with bilateral pleural effusions

Left hemidiaph Www.cr ticalcarepractitioner.co.uk 6/11/73

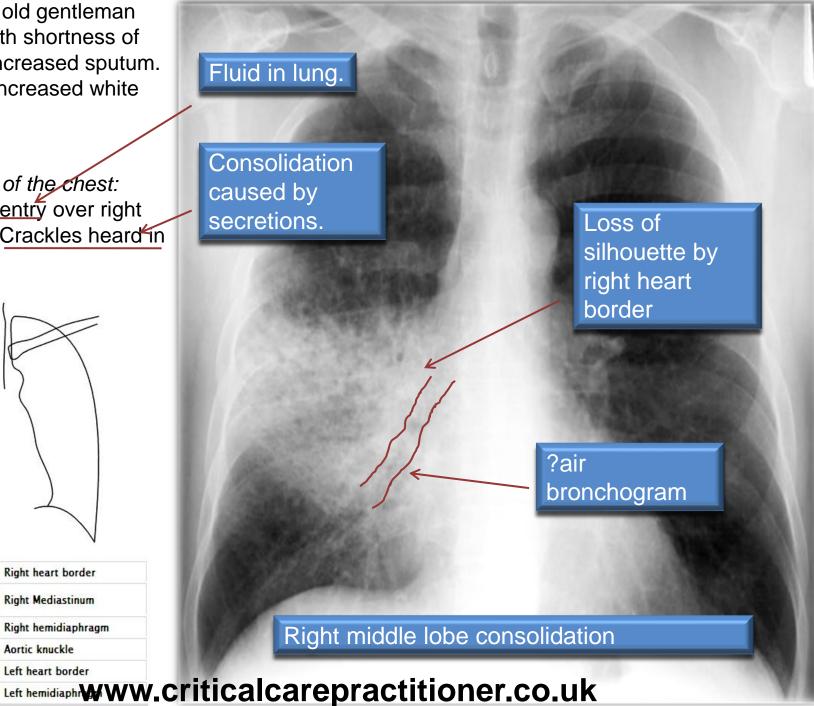
This 83 year old gentleman presented with shortness of breath and increased sputum. Febrile and increased white cell count.

Examination of the chest: Reduced air entry over right middle lobe. Crackles heard in inspiration



Right middle lobe	Right heart border
Right upper lobe	Right Mediastinum
Right lower lobe	Right hemidiaphragm
Left upper lobe	Aortic knuckle
Lingula	Left heart border

Left lower lobe



This 74 year old gentleman presented with shortness of breath and poor saturations requiring oxygen.

On examination there is reduced air entry in both bases and a stony dullness

- Orientation
- Patient details
- Technicals
- Bone
- Trachea
- Heart
- Mediastinum
- •Hilum
- Lungs
- Fissures
- Diaphragm
- Soft tissue
- Below diaphragm
- Hidden areas

