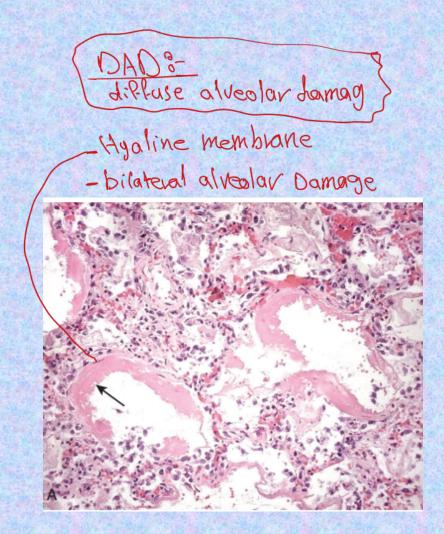
Pathology lab-1

Acute ARDS



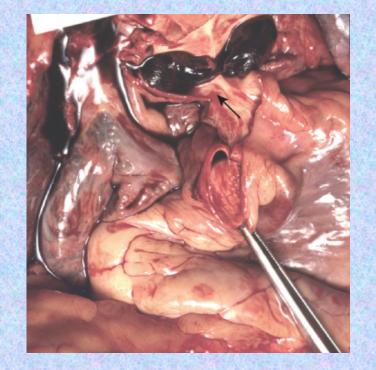


ARDS-organizing stage

G Healing by fibrosis

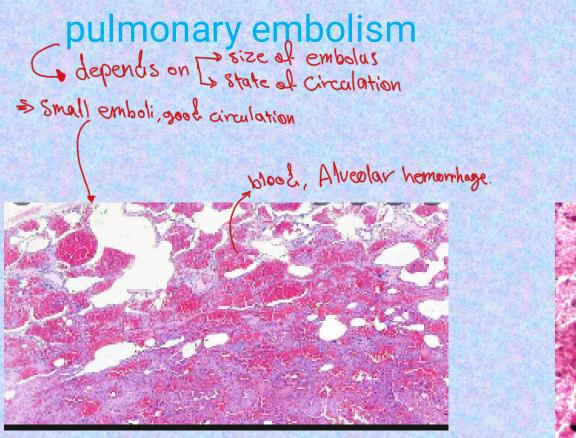


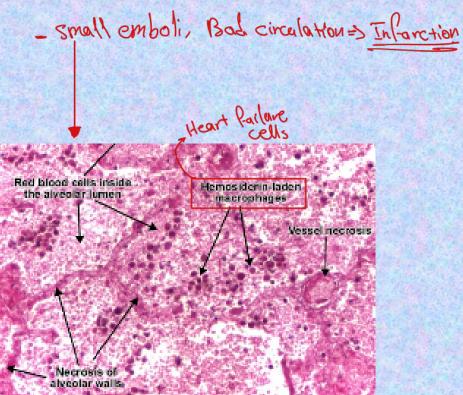
- No Normal spaces - Alveoli spaces should be Wider - Alveolar septae thickned due to collagen deposition of fibrosis



saddle embolus.

Emboli present on the birufication Source => DVT





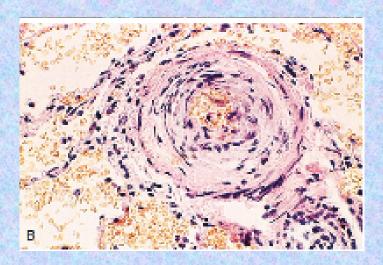
But => When large emboli? No time for Histological change, why? The patient is DEAD!



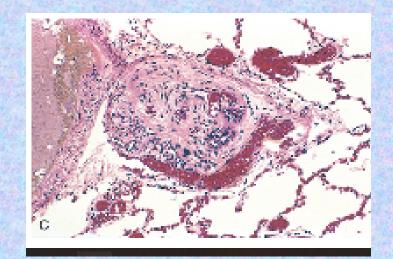
pulmonary hypertension

-Alonormal BV - Thick, Hypertrophy, Layering

-Plexiform lesion - Perforated BT

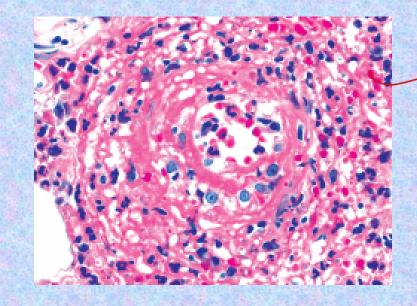


Nghim



Pseudomonas vasculitis

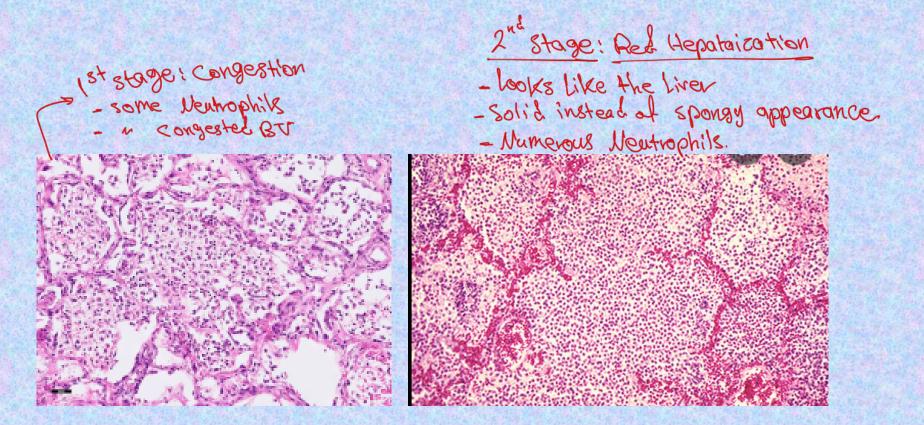
-BV, proof? RBC's inside - Neutrophil inside the Wall of the BV.



> W/ special stain we would see the Pseudomonas bacterib inside the Wall of BV

MORPHOLOGY OF PNEUMONIA Most characteristic Finding of pneumonia is => Aneas of considilation Coursed by: Instead of Air inside Alveoli we would see exudate. Areas of consolidation show a 'solid' 🗐 Relatively normal lung appearance, in comparison to the 'spongy' appearance of the adjacent

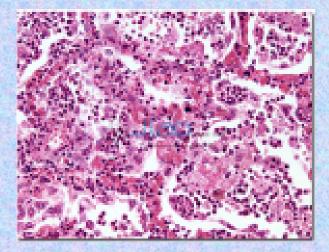
lobar pneumonia

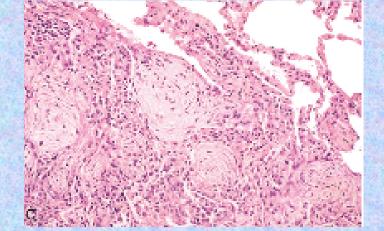


3rd stages Gray hepataization - RBC's disintegrated

4th stage: Resolution; -healing by fibrosis W collagen deposition.

Plearitis 3 - Reached the pleara.



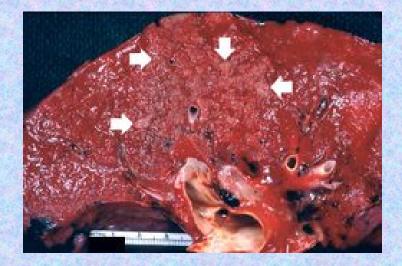


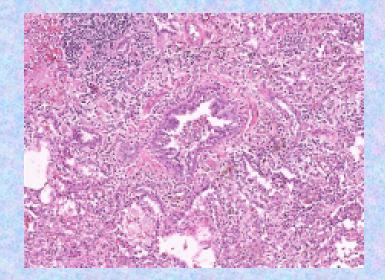


bronchopneumonia

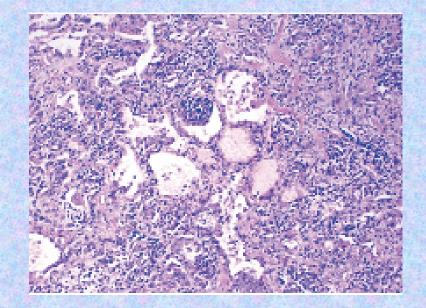
-Patchi scattered foci

- Excidite - Inflammation





Viral pneumonia



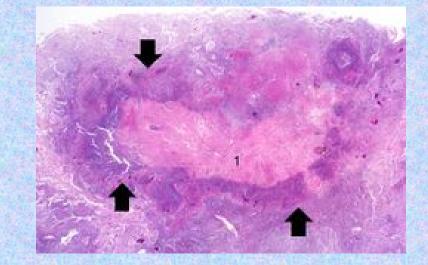
- localizel Attacks the Walls of Alveoli Main type of inf. cells: Ymophocytes

 - Maciophages plasma cells +/-

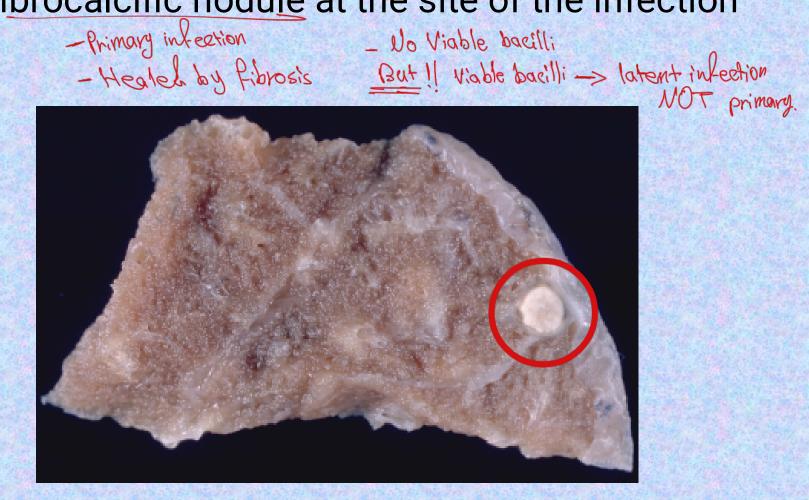
LUNG ABSCESS

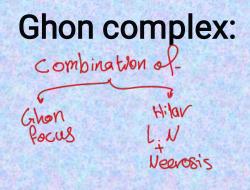
- Central area of Necrosis - Inf. cells around it.



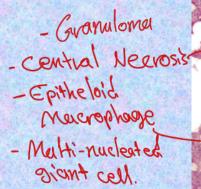


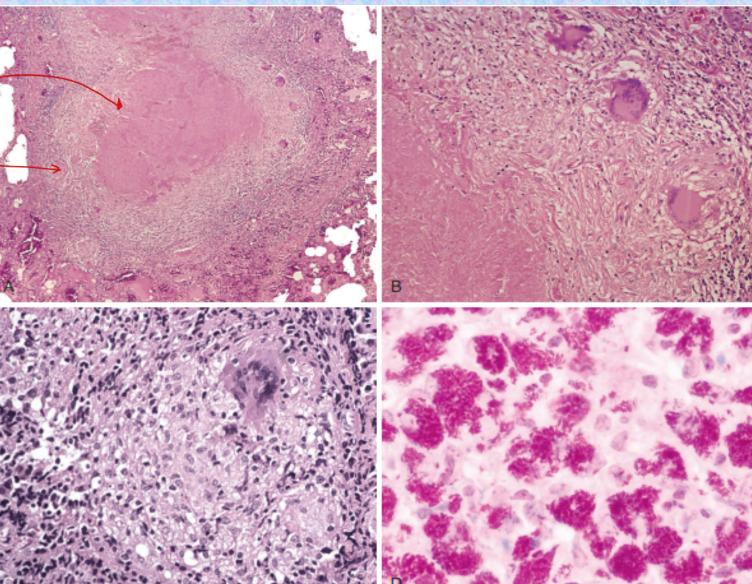
fibrocalcific nodule at the site of the infection





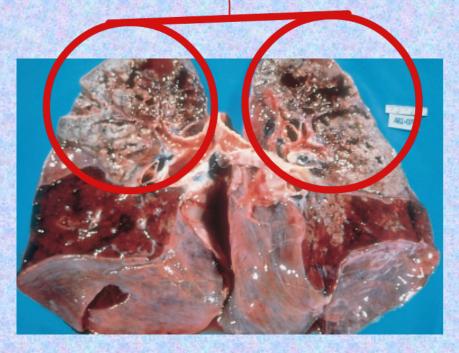






-> Zeehil Neelson Stewn

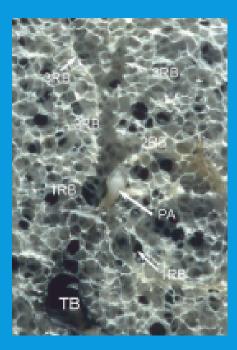
Secondary TB Apical cavitation





MORPHOLOGY Emphysema

Gross: Hyperinflation or ballooning due to entrapment of the air from airway obstruction



Histology marked enlargement of the air spaces, with destruction of alveolar septa but without fibrosis

