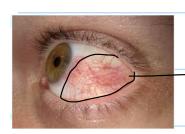




= Cyanosis due to congestion

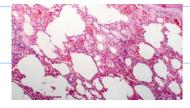


-> redness due to hyperemia.



* Lung Congestion (wet tissue .

-oozing blood.

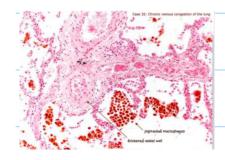


* acute pulmonarary congestion

* blood-engarged alvedor copillaries

* variable degrees of alveolar septal edema

* intra-alveolar hemotrhage.

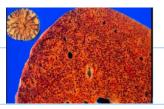


* chronic pulmonary Congestion

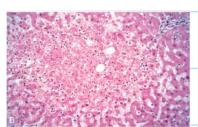
* thickened & fibrotic septa

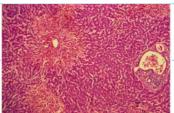
* alveolar spaces contain macrophages





* hepatic congestion = D Nutmeg liver





centrilobular hepatocyte necrosis. Hemorrhage. hemosiderin-laden macrophages



<u></u>anasarca



=Dlymphatic obstruction

Infiltration and obstruction of superficial lymphatics by breast cancer may cause edema of the overlying skin; the characteristic finely pitted appearance of the skin of the affected breast is called peau d'orange



= 1 Lymphatic Obstruction 6 elephantiasis

the parasitic infection filariasis can cause massive edema of the lower extremity and external genitalia so called elephantiasis.



I) perior bital edema (Caused by renal dysfunction or nephrotic syndrom



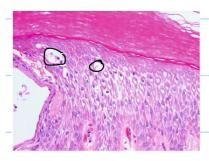
D pitting edema



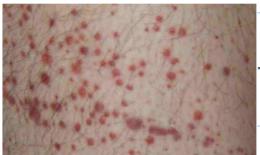
D unilateral edema



D Bilateral edema



* Subcutaineous edema * Clearing & Separation of ECM



-> patechiae



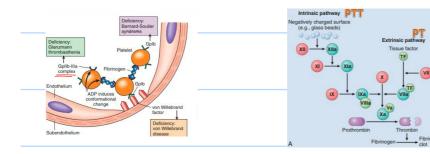
D Purpura
(3-5mm)



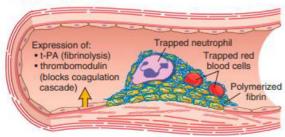
=D E-chymoses C1-2 cm)

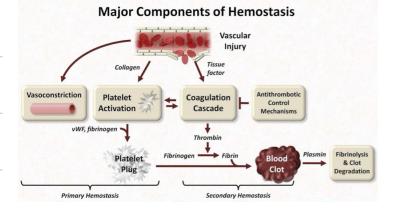


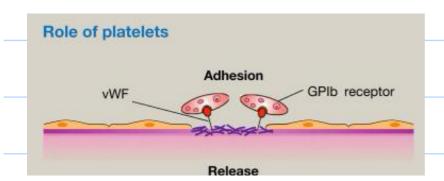
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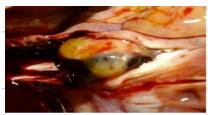
D. CLOT RESORPTION





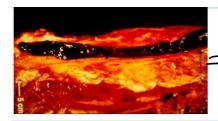






=> postmorten clot

gelatinous & because of red cell settling they have a dark red dependent portion & a yellow "chicken fat" upper portion; they also are usually not attached to the underlying vessel



D venous thrombi

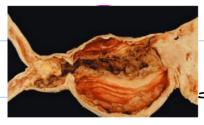
firm, focally attached to vessel, & they contain gray strands of deposite d fibrin (lines of Zahn).



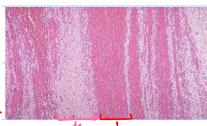
D Cardiac mural



D Aortic throubi

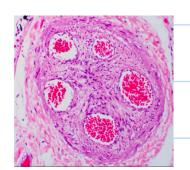


1) line of Zahn



Dune of Zahu

fiblin platelt (derre): RBC



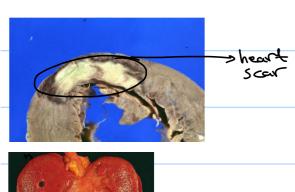


La organization & recaudization of thrombus

lecture 4



wedge shaped White infarction









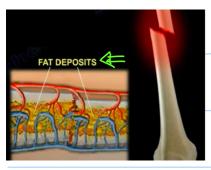


ter sto

RED interction



D suddhe embolus

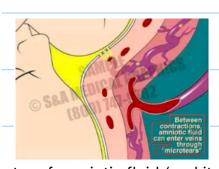


] soft tissue crush -

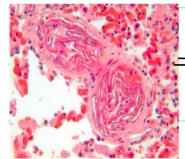
2) rupture of marrow all couse

release fat

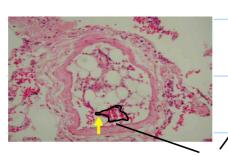
deposits into the

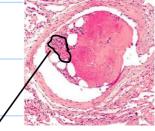


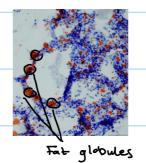
entry of amniotic fluid (and its contents) into the maternal circulation via tears in the placental membranes and/or uterine vein rupture.



Damniotic Fluid embdism







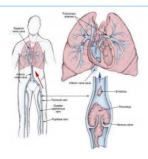
*techcique:

frozen section Fat Stain

marrow e rements

+fatembolism



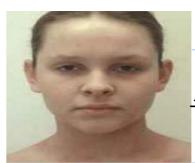


* DUT

lecture5



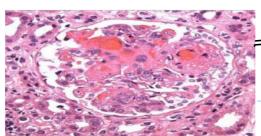
= Shock (flushed skin (worm) due to Cutaneous Vasadilation



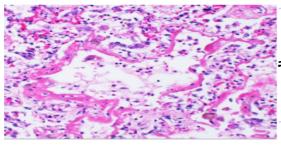
D Cutaneous Vasconstriction

* coolness * * Pallor

=D shocky characteri Stic



=> Fibrin thromb; in kidney glomeruli



=> alveolar damage due to sepsis shock or trauma

