



# **POST OPERATIVE PROBLEMS PULMONARY EMBOLISM**



- *Usually present in second week but can present with sudden onset from 2nd to 4th postoperative period.*

### *Signs & Symptoms:*

- *Dyspnea, substernal discomfort/chest pain, pleural pain, hemoptysis, tachycardia, increased cvp, hypotension and gallop rhythm*
- *X-ray chest may show linear shadow, effusion or oligemia if embolus is large. ECG shows findings of right ventricular strain.*
- *Massive embolus may present as cardiac arrest.*

### *Treatment:*

- *Prevent of deep vein thrombosis by*  
*Early ambulation*  
*Pneumatic compression of calf muscles*



*Leg movements in bed*  
*Low dose heparin.*

- *For small embolous, anticoagulant may be sufficient*
- *For large embolous, streptokinase therapy should be instituted*
- *For massive embolous, resuscitation followed by surgical embolectomy may be considered.*





THANK YOU