



## **Causes of Transudative and Exudative Effusions**

### **Common Causes of Transudative Effusions**

- Increased hydrostatic pressure (heart failure, constrictive pericarditis, or superior vena cava obstruction)
- Decreased oncotic pressure (nephrotic syndrome, hypoalbuminemia)
- Cirrhosis with ascites

### **Less Common Causes of Transudative Effusions**

- Atelectasis
- Improper central venous catheter insertion
- Peritoneal dialysis
- Parapneumonic effusions (rare)
- Pulmonary embolism (uncommon)

### **Causes of Exudative Effusion**

- Infection
- Neoplasm
- Collagen vascular diseases
- Drug-induced pleural disease
- Drug-induced pulmonary disease
- Intra-abdominal processes
- Pulmonary embolism and infarction
- Hemothorax
- Chylothorax
- Trapped lung
- Yellow nail syndrome
- Myxedema
- Sarcoidosis (rare)