

Teoretical Base of Clinical Medicine 2-3

Learning outcomes

TBL LESSON: 01 Angela Robinson - Coagulation disorders - pulmonary embolism [Tamara Skříšovská]

Upon completion of this learning unit, students will be able to:

- describe the extrinsic and intrinsic pathways of the coagulation cascade
- provide an overview of the most common inherited and acquired coagulation disorders
- explain genetic and environmental factors predisposing to thrombosis
- describe coagulation tests and interpret their results accurately
- define an embolus and distinguish between different types, such as air, fat, and malignant tissue, among others
- relate the clinical presentation of pulmonary embolism, including its symptoms and underlying pathophysiology
- explain the principles of diagnosing pulmonary embolism
- compare the indications, mechanisms of action, adverse effects, and roles in therapy of available treatment modalities for pulmonary embolism
- interpret the sensitivity and specificity of clinical tests and their practical applications