Clinical Applications of D-dimer Testing at the Point of Care

Venous Thromboembolism presents subtly and often kills rapidly. A patient’s life or death can be decided in the diagnostic process.

Venous Thromboembolism (VTE), which encompasses deep vein thrombosis (DVT) and pulmonary embolism (PE) is the fourth leading cause of death in the US. It is responsible for 200,000 deaths annually - more than AIDS and breast cancer combined.

And most PE deaths occur before the diagnosis is made, making it a leading cause of unexplained death in the ED. D-dimer is the test of choice in diagnosing VTE and PE. Considering the alarming number of PE deaths that occur within the first 60 minutes, the results must be rapid and accurate.

Whether testing is performed in the lab or at the point of care, speed is achieved with minimal preanalytical processing. The knowledge provided in this webinar will improve your understanding of VTE and the significant benefits of D-dimer testing to its diagnosis.

This webinar will

- Describe the role of risk assessment in the evaluation of Venous Thromboembolic Disease
- Clarify the role of D-dimer in the exclusion of Venous Thromboembolic Disease
- Discuss the role of point of care testing for D-dimer
- Analyze D-dimer’s role in the clinical assessment of disseminated intravascular coagulation

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