



Venous Thromboembolism — Diagnosis, Prevention and Treatment

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Message from the Guest Editors

Venous thromboembolism (VTE), which includes deep vein thrombosis (DVT) and pulmonary embolism (PE), is an important cause of morbidity and mortality worldwide. Several major innovations have changed the landscape of VTE diagnosis, prevention, and treatment. Developments in clinical prediction rules and imaging techniques have led to improved accuracy in the diagnosis of VTE, but the liberal use of imaging techniques, such as computed tomography, has raised questions about the overdiagnosis of clinically irrelevant events. Until recently, heparins and vitamin K antagonists (VKAs) were the cornerstones for prevention and treatment of VTE. Representing a major advance in anticoagulant therapy, the advent of direct oral anticoagulants has changed the balance between efficacy, safety, and convenience for patients, resulting in improved outcomes for patients and expanding indications.

In this Special Issue, we critically review advances made in the diagnosis, prevention, and treatment of VTE, highlight unmet needs, and discuss future research directions.





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