

Special Issue

Pathophysiologic Mechanisms, Diagnosis and Management of Venous Thromboembolism

Message from the Guest Editor

Venous thromboembolism (VTE)—which includes deep vein thrombosis, pulmonary embolism, and thrombosis in atypical sites (e.g., cerebral or splanchnic veins)—is associated with a relevant global burden and represents the third most common cause of death worldwide. A prompt identification of at-risk patients and an early diagnosis is of utmost importance to institute a proper therapeutic management. During the last years, several risk factors for VTE have been identified and included in specific risk assessment models for the diagnosis of VTE. Similarly, the radiological progress helped in confirming the clinical suspicion of VTE. On the therapeutic side, newer anticoagulants have been proposed with a better profile in terms of both efficacy and safety. Some grey areas, however, still remain unexplored, and a better understanding of the underlying mechanisms and risk factors for VTE development and of the diagnostic and therapeutic algorithms in specific populations is warranted. So, the aim of this Special Issue is to report recent advances in the pathophysiological mechanisms and in the diagnostic and therapeutic management of VTE.

Guest Editor

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Deadline for manuscript submissions

31 August 2025



Diagnostics

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Impact Factor 3.3
CiteScore 5.9
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