



Disseminated Intravascular Coagulation: Current Understanding and Future Perspectives

Guest Editor:

Dr. Kazuma Yamakawa

Department of Emergency
Medicine, Osaka Medical College,
2-7 Daigakumachi, Takatsuki,
Osaka 569-8686, Japan

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Message from the Guest Editor

Disseminated intravascular coagulation is characterized by systemic activation of blood coagulation, which results in the generation and deposition of fibrin, leading to microvascular thrombi in various organs and contributing to multiple organ dysfunction. Also, simultaneous neutrophil activation and endothelial injury associated with glycocalyx perturbation have been observed in these patients. Although there have been several recent advances in the pathophysiology of disseminated intravascular coagulation, the clinical significance of diagnoses and therapeutic interventions targeting disseminated intravascular coagulation is uncertain so far. Therefore, understanding the pathophysiology of disseminated intravascular coagulation and novel therapeutic strategies are vitally important issues for the management of critically ill settings. In this Special Issue of the *Journal of Clinical Medicine*, we will discuss the etiology, pathophysiology, clinical manifestations, diagnostic, and optimal management to treat critically ill patients with disseminated intravascular coagulation.





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