

Practical manual

Clinical Cases in Thrombosis and Haemostasis

Stago

Stago Medical Biology Laboratory

April 10, 2026 15:11
Asnières-sur-Seine

Clinical Laboratory Report

	Value	Reference range
Clotting time		11.9-15 s
PT	16.4	0.87-1.16
INR	1.20	28.5-35.5 s
aPTT	91	2-4 g/L
Fibrinogen	3.39	

Coagulation factor	Value	Reference range
FVIII	<1	60-100

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Prologue

We are pleased to welcome you to the 11th issue of the Practical Manual series, "Clinical cases in Thrombosis and Haemostasis".

Previous issues of the Practical Manual series primarily focused on an academic and conceptual presentation of hemostasis. In contrast, this new issue deliberately adopts a clinically driven approach, composed entirely of real-life cases drawn from routine practice. By placing clinical scenarios at the center of the discussion, this volume aims to move beyond theory to reflect the realities of day-to-day patient care, highlighting practical decision-making, diagnostic uncertainty, and management challenges as they occur in real-world settings.

The manual encompasses the two major and complementary components of hemostasis, thrombotic and bleeding disorders, through a wide spectrum of cases encountered in everyday clinical settings. Each case has been selected to illustrate specific diagnostic or therapeutic challenges, ranging from common presentations to less frequent or more complex scenarios. Together, these cases aim to foster structured clinical reasoning, deepen understanding of underlying pathophysiology, and bridge the gap between theoretical knowledge and bedside practice.

To facilitate reading and enhance continuity, all cases are presented in a standardized format. This consistent structure integrates clinical history, laboratory findings, diagnostic reasoning, and patient management, allowing readers to focus on decision-making processes and compare approaches across different situations. Management strategies are aligned with current international society guidelines, ensuring that recommendations reflect evidence-based best practices.

Recognizing the diversity of healthcare environments worldwide, the manual also addresses the realities of limited diagnostic or therapeutic resources. Whenever possible, alternative strategies applicable to low-resource settings are discussed, reinforcing the practical value of the cases and their relevance to a broad international readership.

Conceived as a tool for sharing clinical expertise, this manual seeks to support clinicians in their daily practice, improve diagnostic accuracy, and ultimately contribute to the optimization of patient care across a wide range of healthcare contexts.

We are pleased to share this new issue of the Practical Manual with you, particularly its clinically focused, case based format. Through these real life cases, we hope to offer an engaging and practical perspective on everyday clinical challenges, and to support learning through experience. We trust that these real-life cases will make the reading both engaging and informative, and we wish you an enjoyable, insightful, and rewarding reading experience.

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