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Nota di contenuto	General quality planning in the hemostasis laboratory / John D. Olson -- Hemostasis test validation, performance, and reference intervals : international recommendations and guidelines / Richard A. Marlar -- Causes of errors in medical laboratories / Giuseppe Lippi, Emmanuel J. Favalaro -- International standards in hemostasis / Trevor W. Barrowcliffe, Anthony R. Hubbard -- Sample integrity and pre-analytical variables / Dorothy (Adcock) Funk -- Internal quality control in the hemostasis laboratory / Steve Kitchen, F. Eric Preston, John D. Olson -- External quality assessment in hemostasis : its importance and significance / F. Eric Preston, Steve Kitchen, Alok Srivastava -- The unique challenges of hemostatic testing in children / M. Patricia Massicotte ... [et al.] -- Initial evaluation of hemostasis : reagent and method selection / Wayne L. Chandler -- Assay of factor VIII and other clotting factors / Steve Kitchen, F. Eric Preston -- Application of molecular genetics to the investigation of inherited bleeding disorders / Stefan Lethagen, Morten Dunø, Lars Bo Nielsen -- Detecting and

quantifying acquired functional inhibitors in haemostasis / Bert Verbruggen, Myriam Dardikh, Britta Laros-van Gorkom -- Standardisation of D-dimer testing / Guido Reber, Philippe de Moerloose -- Point-of-care testing in hemostasis / Chris Gardiner ... [et al.] -- Diagnostic assessment of platelet function / Paquita Nurden, Alan Nurden, Martine Jandrot-Perrus -- Laboratory evaluation of heparin-induced thrombocytopenia / Theodore (Ted) E. Warkentin, Jane C. Moore -- Laboratory evaluation of von Willebrand disease : phenotypic analysis / Emmanuel J. Favalaro -- Laboratory analysis of von Willebrand disease : molecular analysis / Anne C. Goodeve, Ian R. Peake -- Quality issues in heritable thrombophilia testing / Isobel D. Walker, Ian Jennings -- Evaluation of antiphospholipid antibodies / Michael Greaves -- Monitoring heparin therapy / Marilyn Johnston -- Monitoring oral anticoagulant therapy with vitamin K antagonists / Armando Tripodi -- Monitoring new anticoagulants / Elaine Gray, Steve Kitchen.

Sommario/riassunto

The hemostasis laboratory has a vital role in the diagnosis and management of patients with familial and acquired haemorrhagic and thrombotic disorders. Its role in the monitoring of traditional anticoagulant therapy, as well as therapy using new anticoagulants, presents new challenges to the laboratory. This new edition addresses these important issues, as well as international guidelines for testing, the development of international standard materials, management of haemostasis testing from the laboratory to the point-of-care, and molecular genetic testing.
