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Nota di contenuto	1. Introduction; Joe F. Lau, Geoffrey D. Barnes, and Michael B. Streiff -- Part I. Anticoagulants -- 2. Warfarin; Gregory C. Hadlock, Allison E. Burnett, and Edith A. Nutescu -- 3. Unfractionated Heparin and Low-Molecular-Weight Heparin; Rhynn J. Malloy, Jessica Rimsans, Megan Rhoten, Katelyn Sylvester, and John Fanikosl -- 4. Parenteral Anticoagulants: Direct Thrombin Inhibitors and Pentasaccharides; Allison E. Burnett and Meghan L. Fletcher -- 5. Direct Oral Anticoagulants; Natalie S. Evans -- 6. Anticoagulation Reversal; Marcelo P. V. Gomes and Deborah Hornacek -- 7. Transitioning Between Anticoagulants; Marcelo P.V. Gomes and Maya Serhal -- Part II Clinical Applications of Anticoagulant Therapy -- 8. The Anticoagulation Clinic; Nathan P. Clark and Daniel M. Witt -- 9. Peri-Operative Management of Anticoagulants; Ibrahim M. Ali, Alexander Volodarskiy, and Joe F. Lau -- 10. Acute Coronary Syndromes; Nilay K. Patel and Sammy Elmariah -- 11. Antithrombotic Therapy for Patients with Atrial Fibrillation; Kyla M. Lara and Jonathan L. Halperin -- 12. Anticoagulant Strategies for Electrophysiology Procedures; Stuart J. Beldner and David L. Stern -- 13. Anticoagulation for Cardiac Prosthetic Devices: Prosthetic Heart Valves, Left Ventricular Assist Devices, and Septal Closure Devices; Matthew T. Crim, Supriya Shore, Suegene K. Lee, and Bryan J. Wells -- 14. Anticoagulation in Venous Thromboembolism; Geoffrey D. Barnes

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#### Sommario/riassunto

This book presents the latest evidence and guidelines supporting the use of anticoagulant therapy for various clinical scenarios. The field of anticoagulation therapy is evolving rapidly, particularly since the arrival and widespread adoption of direct oral anticoagulants. Organized in two parts, this book reviews the pharmacologic properties of various anticoagulants and details the clinical applications of anticoagulant therapy. Drugs such as warfarin and unfractionated heparin, as well as parenteral and direct oral anticoagulants are discussed in terms of their pharmacokinetics, drug-disease interactions, dosing strategies, and risk considerations. Clinical applications of anticoagulant therapy in disorders such as acute coronary syndromes, atrial fibrillation, and thrombophilia and in special populations such as pregnant women, the elderly, and in the patient with cancer are highlighted. Clinical vignettes, algorithms, clinical pearls, and self-assessment questions are integrated throughout the book. Featuring contributions from authorities in the field, *Anticoagulation Therapy* is an essential resource for cardiologists, vascular medicine specialists, hematologists, internists, and all other healthcare professionals who prescribe anticoagulants.

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