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Nota di contenuto	A historical review / Howard A. Pearson -- Hematopoiesis / Mervin C. Yoder -- Development of the immune system / Angela E. Rivers and William Slayton -- Anemia of prematurity and erythropoietin therapy / Pamela J. Kling -- Bone marrow failure syndromes / Zora R. Rogers and Blanche P. Alter -- Hemolytic disease of the fetus and newborn / Mary Elizabeth Ross ... [et al.] -- Neonatal hemolysis / Bertil Glader and Geoffrey A. Allen -- Neonatal screening for red blood cell disorders / Peter A. Lane and Eric J. Werner -- Polycythemia and hyperviscosity in the newborn / Ted S. Rosenkrantz and William Oh -- Fetal and neonatal alloimmune thrombocytopenia / James B. Bussel and M. Jawad Javed -- Acquired thrombocytopenia / Martha C. Sola-Visner and Matthew A. Saxonhouse -- Congenital thrombocytopenias and thrombocytopathies / Pedro A. de Alarcon and Karen S. Fernandez -- Abnormal blood concentrations of

eosinophils and neutrophils / Robert D. Christensen and Kurt R. Schibler -- Neutrophil function disorders / E. Stephen Buescher -- Immunodeficiency diseases of the neonate / James L. Wynn, Matthew A. Saxonhouse, and John W. Sleasman -- Coagulation disorders / Jennifer L. Armstrong-Wells and M.J. Manco Johnson -- Bleeding disorders / Manuela Albisetti and Paul Monagle -- Transfusion practices / Ross Fasano and Naomi L.C. Luban -- Umbilical cord blood transplantation / Jessica M. Sun and Joanne Kurtzberg -- Disorders of the fetomaternal unit / Eric J. Werner, Nancy C. Chescheir, and Randall G. Fisher -- Neonatal oncology / Alan S. Gamis and Michelle Manalang -- Reference ranges in neonatal hematology / Robert D. Christensen.

Sommario/riassunto

Neonatal hematology is a fast-growing field, and hematologic problems occur in the majority of sick neonates. Focusing on clinical issues and problem-solving, this is a fully revised and updated revision of a successful practical guide to the pathogenesis, recognition and management of hematologic problems in the neonate. The second edition begins with chapters on the history of neonatal hematology, hematopoiesis, and the immunologic system. Subsequent sections are devoted to erythrocyte disorders, platelet disorders, leucocyte disorders, immunologic disorders and hemostatic disorders. New to this edition are an expanded coverage of neonatal oncology, cord blood utilization, neonatal screening, prenatal diagnosis and hyperbilirubinemia. Written by practising physicians specializing in pediatric hematology, neonatology, immunology, pediatric infectious disease and transfusion medicine, this is an essential text for pediatric hematologists, NICU specialists, neonatologists and neonatal nurse practitioners.
