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Titolo	Handbook of pediatric transfusion medicine [[electronic resource] /] / edited by Christopher D. Hillyer, Ronald G. Strauss, Naomi L.C. Luban
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Handbook of Pediatric Transfusion Medicine; Copyright Page; Table of Contents; Preface; Acknowledgments; About the Editors; List of Contributors; Chapter 1. Blood Donation; Overview; Donor Recruitment; Autologous Donation; Directed Donation; Limited Donor Exposure; Blood Collection; Apheresis; Plasmapheresis; References; Chapter 2. Component Preparation and Storage; Introduction; Unique Transfusion Needs of the Neonatal and Pediatric Patient; Blood Donation Issues; Anticoagulant-Preservative Solutions; Individual Components for Transfusion Record Keeping for Component PreparationStorage of Blood and Blood Products; Summary; References; Chapter 3. Blood Components; Introduction; Whole Blood and Packed Red Blood Cells; Platelets; Granulocytes; Plasma Products; Cryoprecipitate; Ordering; Coagulation Factors; Albumin; Gamma-Globulins; References; Chapter 4. Red Blood Cell Antigens and Human Blood Groups; Introduction; ABO Blood Group System; RH Blood Group System; Kell Blood Group System; Duffy Blood Group System; Clinical Significance; Kidd Blood Group System; MNS

Blood Group System; P Blood Group System
Lutheran Blood Group System; Lewis Blood Group System; Diego Blood Group System; Cartwright Blood Group System; Xg Blood Group System; Scianna Blood Group System; Dombrock Blood Group System; Colton Blood Group; LW Blood Group System; Chido-Rogers Blood Group System; Hh Blood Group System; XK Blood Group System; Gerbich Blood Group System; Cromer Blood Group System; Knops Blood Group System; Indian Blood Group System; Ok Blood Group System; RAPH Blood Group System; JMH Blood Group System; Cost Blood Group Collection; Er Blood Group Collection; li Blood Group Collection; Globoside Collection
Low-Prevalence Antigens; High-Prevalence Antigens; References; Chapter 5. Pretransfusion Compatibility Testing; Introduction; ABO(H); Rh(D); Other Red Cell Antigens; Direct Antiglobulin Test; Antibody Detection Test (Screen); Crossmatch (XM); Turnaround Times; Suggested Reading; References; Chapter 6. Serologic Investigation of Unexpected Antibodies; Introduction; Common Antibody Identification Methods; Process for Evaluation of Positive Antibody Detection Tests; References; Chapter 7. Leukoreduced Products: Prevention of Leukocyte-Related Transfusion-Associated Adverse Effects; Introduction
Rationale for Leukoreduction of Blood Components; Specific Indications for LR Products; Contraindications, Side Effects, and Hazards; Leukoreduction Technologies; Products, Standards, and Quality Control; Universal Leukoreduction; Leukoreduced Blood Products and Pediatric Transfusion Medicine; References; Chapter 8. Preparation of Blood Components to Reduce Cytomegalovirus and Other Infectious Risks; Introduction; Red Blood Cell and Platelet Components with Reduced Infectious Risks; Plasma Components, Derivatives, and Factors to Eliminate Pathogens; Nucleic Acid Targeted Inactivation Strategies
Summary

Sommario/riassunto

Structured to be a companion to the recently published Handbook of Transfusion Medicine, the Handbook of Pediatric Transfusion Medicine is dedicated to pediatric hematology-oncology and transfusion medicine, a field which remains ambiguous and which has generated few comprehensive texts. This book stands alone as one of the few texts that addresses transfusion issues specific to pediatric medicine. Written in an eminently readable style, this authoritative handbook is a requirement for any pediatric physician or caregiver.* Neonatal and fetal immune response and in utero develo
