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Nota di contenuto	A brief history of blood transfusion / Kim A. Janatpour, Paul V. Holland -- Principles of the immune system central to transfusion medicine / Terrence L. Geiger -- Principles of the complement system central to transfusion medicine / Dana V. Devine -- Principles of red blood cell allo- and autoantibody formation and function / James C. Zimring -- Membrane blood group antigens and antibodies / Marion E. Reid, Connie M. Westhoff -- ABO and related antigens and antibodies / Connie M. Westhoff, Marion E. Reid -- Rh, Kell, Duffy, and Kidd antigens and antibodies / Connie M. Westhoff, Marion E. Reid -- Other blood group antigens and antibodies / Marion E. Reid, Connie M. Westhoff -- Human platelet antigens / Thomas J. Kunicki, Diane J. Nugent -- Human leukocyte and granulocyte antigens and antibodies: the HLA and HNA systems / Ena Wang ... [et al.] -- Blood donation and collection / Gary Zeger, Eileen Selogie, Ira A. Shulman -- Blood manufacturing: component preparation, storage, and transportation / Shealynn B. Harris, Christopher D. Hillyer -- Red blood cell metabolism during storage: basic principles and practical aspects / John R. Hess, Ginine M. Beyer -- Infectious disease testing: basic principles and practical aspects / Roger Y. Dodd -- Regulatory principles and issues central to blood banking and transfusion medicine / Shealynn B. Harris, Christopher D. Hillyer -- Quality assurance, control and improvement, and

accreditation / Richard J. Benjamin -- Legal principles and issues central to transfusion medicine / Karen Shoos Lipton, Diane Killion -- Packed red blood cells and related products / Sally A. Campbell-Lee, Paul M. Ness -- Fresh frozen plasma and related products / Robert L. Crookes, Christopher D. Hillyer -- Cryoprecipitate and related products / Leon L. Su, Lennart E. Logdberg -- Albumin / Elizabeth E. Culler, Lennart E. Logdberg -- IVIG and derivatives / Elizabeth E. Culler, Lennart E. Logdberg -- Platelets and related products / John M. Fisk ... [et al.] -- Granulocytes / Thomas H. Price -- Coagulation factor preparations / James C. Zimring, Alexander Duncan -- Leukocyte-reduced products / Walter H. Dzik, Zbigniew M. Szczepiorkowski -- Virus-safe products: pathogen reduction and inactivation / Laurence Corash -- Irradiated products / Naomi L.C. Luban, Edward C.C. Wong -- Washed and volume-reduced blood components / S. Gerald Sandler, Viviana V. Johnson, Jayashree Ramasethu -- Blood management: conservation, salvage, and alternatives to allogeneic transfusion / Beth Shaz -- Blood substitutes: basic principles and practical aspects / Robert M. Winslow -- Red cell transfusion in perioperative and critically ill patients / Paul C. Hebert, Alan Tinmouth, Jeffrey L. Carson -- Post-transfusion red blood cell and platelet survival and kinetics: basic principles and practical aspects / Richard J. Davey, James P. AuBuchon -- Transfusion of the patient with congenital coagulation defects / Suzanne Shusterman, Catherine S. Manno -- Transfusion of the patient with acquired coagulation defects / Barbara Alving -- Obstetric and intrauterine transfusion / Jeannie Callum, Jon Barrett -- Transfusion of neonates and pediatric patients / Cassandra D. Josephson, Ronald G. Strauss -- Transfusion of the hemoglobinopathy patient / Krista L. Hillyer, James R. Eckman -- Transfusion to bone marrow or solid organ transplant recipients / Richard M. Kaufman, Steven R. Sloan -- Transfusion of the platelet-refractory patient / Thomas S. Kickler -- Autoimmune hemolytic anemias / Leslie E. Silberstein, Melody J. Cunningham -- Transfusion in economically restricted countries and developing countries / Audrey N. Schuetz, Kenneth A. Clark -- Hepatitis A, B, and non-A, non-B, non-C viruses / Roger Y. Dodd -- Hepatitis C / Roger Y. Dodd -- HIV, HTLV, and other retroviruses / Eberhard W. Fiebig, Edward L. Murphy, Michael P. Busch -- Human herpesvirus infections / John D. Roback -- Bacterial infections: bacterial contamination, testing, and post-transfusion complications / Sandra M. Ramirez-Arcos, Mindy Goldman, Morris A. Blajchman -- Other viral, bacterial, parasitic, and prion-based infectious complications / Jay E. Menitove, Gary E. Tegtmeier -- Hemolytic transfusion reactions: acute and delayed / R. Sue Shirey, Karen E. King, Paul M. Ness -- Febrile, allergic, and other noninfectious transfusion reactions / Nancy Heddle, Kathryn E. Webert -- Transfusion-related acute lung injury / Kathryn E. Webert, Steven H. Kleinman, Morris A. Blajchman -- Transfusion-related immunomodulation / Neil Blumberg, Joanna M. Heal -- Post-transfusion engraftment syndromes: microchimerism and TA-GVHD / William Reed ... [et al.] -- Therapeutic apheresis: basic principles and practical aspects / Peter A. Millward, Nicholas Bandarenko, Mark E. Brecher -- Therapeutic plasma exchange / Bruce C. McLeod -- Therapeutic cytoapheresis / Bruce C. McLeod -- The role of transfusion medicine in cellular therapies / Simon Mantha, Edward L. Snyder -- Bone marrow and peripheral blood stem cell transplantation / Howard Benn, Scott D. Rowley -- Umbilical cord blood stem cells: collection, processing, and transplantation / Hal E. Broxmeyer -- Collection and processing of peripheral blood stem cells and bone marrow / Scott D. Rowley, Howard Benn -- Tissue banking in

