1. Record Nr. UNINA9910464381003321 Autore Seegmiller Adam Titolo Hematology and immunology: quality in laboratory diagnosis / / Adam C. Seegmiller, MD, PhD, Mary Ann Thompson, MD, PhD; acquisitions editor Richard Winters Pubbl/distr/stampa New York, New York: ,: Demos Medical Publishing, , 2014 ©2014 **ISBN** 1-78684-002-2 1-61705-192-6 Descrizione fisica 1 online resource (116 pages) Collana Diagnostic Standards of Care 616.15 Disciplina Soggetti Hematology **Immunology** Diagnostic errors Medical errorsCase studies Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Title; Copyright; Contents; Series Foreword; Preface; Acknowledgments; Part I: Hematology; Chapter 1: Preanalytical Errors; Chapter 2:Red Blood Cells; Errors in the Evaluation of Red Blood Cell Morphology; Errors in the Diagnosis of Anemia; Errors in Interpretation of Reticulocyte Count; Chapter 3: White Blood Cells; Errors in the Evaluation of Granulocytic Leukocytosis; Errors in the Evaluation of Lymphocytic Leukocytosis; Errors in the Diagnosis of Myelodysplasia; Chapter 4: Platelets: Errors in the Evaluation of Thrombocytopenia: Errors in the Evaluation of Thrombocytosis Part II: ImmunologyChapter 5: Autoimmune and Complement Testing: Errors in the Interpretation of Antinuclear Antibody Tests; Errors in the Interpretation of the Rheumatoid Factor Test; Errors in the Interpretation of Antineutrophil Cytoplasmic Antibody Tests; Errors in the Interpretation of Complement Testing; Chapter 6:

Immunoglobulins; Errors in the Evaluation of Protein Electrophoresis; Errors in the Analysis of Free Light Chains; Errors in the Analysis of

Cryoglobulins; Index

Sommario/riassunto

The Diagnostic Standards of Care series presents common errors associated with diagnoses in clinical pathology, using case examples to illustrate effective analysis based on current evidence and standards. Each volume demonstrates the use of quality assurance and the role of the pathologist in ensuring quality and patient safety. Hematology and Immunology focuses on core issues in achieving quality in all areas of hematopathology and immunology, with an emphasis on identifying established, evidence-based standards. It addresses potential problems and sources of error in testing procedures, how to anticipate and avoid such problems, and how to manage them if they occur. Discussions are problem-based and address common situations and issues faced by clinical pathologists or members of a laboratory team. Using actual case studies, the book provides plentiful examples of errors, along with discussions on how to deal with them effectively. Hematology and Immunology Features Key issues in achieving quality in all areas of hematology and immunology Numerous case examples offering realworld illustrations of how problems occur and how to avoid them An emphasis on identifying established, evidence-based standards in hematology and immunology