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Nota di contenuto	Front cover; Veterinary Hematology; Copyright page; Dedication; Foreword Benefits for the Veterinarian and the Veterinary Clinical Pathologist; Foreword Benefits for the Veterinary Technician; Preface; Acknowledgments; Table of contents; Chapter 1: Introduction to Veterinary Hematology; Internal Versus External Laboratories; Reference Intervals; Sensitivity and Specificity of Tests; Predictive Values and Disease Prevalence; Cutoff Values; Accuracy Versus Precision; References; Chapter 2: Hematology Procedures; Composition of Blood; Calculation of Blood Volume; Sample Collection and Handling Gross Examination of Blood SamplesMicrohematocrit Tube Evaluation; Blood Cell Counting and Sizing; Blood-Film Preparation; Blood-Film Staining Procedures; Examination of Stained Blood Films; References; Chapter 3: Hematopoiesis; Overview; Erythropoiesis; Leukopoiesis; Thrombopoiesis; References; Chapter 4: Evaluation of Erythrocytes; Normal Erythrocytes; Erythrocyte Destruction; Abnormal Erythrocyte Morphology; Inclusions of Erythrocytes; Infectious Agents of Erythrocytes; Erythrocyte Assays; Serum Iron Assays; Erythropoietin Assay; Differential Diagnosis of Anemia Regenerative Versus Nonregenerative AnemiaHemolytic Anemias; Blood-Loss Anemias; Anemias Resulting from Decreased Erythrocyte Production; Erythrocytosis (Polycythemia); References; Chapter 5: Evaluation of Leukocytic Disorders; Leukocyte Types and Numbers in

Blood; Leukocyte Kinetics; Leukocyte Functions; Neutrophils; Eosinophils; Basophils; Mast Cells; Monocytes; Lymphocytes; Blast Cells or Poorly Differentiated Cells; References; Chapter 6: Immunohematology; Immune System; Tests for Immune-Mediated Disorders; Primary Immune-Mediated Disorders; Tests for Immune Deficiency Disorders
Immunodeficiency DisordersReferences; Chapter 7: Evaluation of Hemostasis; Blood Platelets (Thrombocytes); Primary Hemostasis; Secondary Hemostasis; Fibrinolysis; Anticoagulants; Screening Tests For Hemostatic Disorders; Specialized Tests for Hemostatic Disorders; Clinical Signs Of Hemostatic Disorders; Platelet Disorders; Coagulation Disorders; Interpretation Of Hemostatic Test Profiles; References; Chapter 8: Bone Marrow Examination; Reasons to Examine Bone Marrow; Sites for Bone Marrow Biopsy; Technique of Bone Marrow Aspiration; Technique of Bone Marrow Core Biopsy
Morphologic Identification of CellsOrganized Approach to Bone Marrow Evaluation; References; Chapter 9: Disorders of Bone Marrow; Generalized Increases in Hematopoietic Cells; Generalized Decreases In Hematopoietic Cells; Abnormalities of The Erythroid Series; Abnormalities of The Granulocytic Series; Abnormalities of Megakaryocytes; Abnormalities of Mononuclear Phagocytes; Inflammatory Disorders of Bone Marrow; Hematopoietic Neoplasms; Lymphoid Neoplasms; Myeloid Neoplasms; Nonhematopoietic Neoplasms; References; APPENDIX I: Tables; Example of Bone Marrow Evaluation and Interpretation
APPENDIX II: Algorithms

Sommario/riassunto

Combining essential hematology content with the diagnostic features of an atlas, *Veterinary Hematology: A Diagnostic Guide and Color Atlas* delivers all the information you need to accurately assess and diagnose the blood diseases of common domestic animals - including dogs, cats, horses, cattle, sheep, goats, pigs, and llamas. This all-in-one resource utilizes a clinically-oriented and user-friendly approach to guide you through the processes of selecting relevant diagnostic tests, collecting and preparing samples, interpreting sample results, and determining their clinical significance
