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Nota di contenuto	Intro -- LUPUS: SYMPTOMS, TREATMENT AND POTENTIAL COMPLICATIONS -- LUPUS: SYMPTOMS, TREATMENT AND POTENTIAL COMPLICATIONS -- Library of Congress Cataloging-in-Publication Data -- Contents -- Preface -- Chapter I: Lupus Erythematosus: A Comprehensive Review -- Abstract -- Abbreviations -- Defining Lupus -- Lupus Incidence and Prevalence -- Causes of Lupus -- Diagnosing Lupus -- Autoantibodies in Lupus -- Lupus Blood Tests -- Urine Testing -- Other Tests -- Pregnancy and Contraception for Women with Lupus -- Current Research in Lupus -- Genetics in Lupus -- Biomarkers -- The Disease Process -- Lupus and the Skin, Hair and Mucosae -- Lupus and the Sun -- Lupus and the Musculoskeletal System -- Podiatric Care in Lupus -- Lupus and the Mucosae -- Mixed Connective Tissue Disease, or Overlap Syndrome -- Differential Diagnoses of Lupus -- Coping with Lupus among Family and Friends -- Treatment -- NSAIDs -- Antimalarials -- Corticosteroids -- Immunosuppressives -- BlyS-Specific Inhibitors -- Other Lupus Therapies -- Alternative and Complementary Therapies -- References -- Chapter II: Autoantibody-Producing B Cells and B Cell Therapy in Systemic Lupus Erythematosus - Possible New Targets of Novel Subsets of RP105-Negative B Cells -- Abstract -- Introduction -- Section 1. B Cell Biology in SLE -- Section 2. Therapies of Targeting B Cells in SLE -- Conclusion -- Reference -- Chapter III: Neuropsychiatric Manifestations

in Systemic Lupus Erythematosus -- Abstract -- Introduction -- Classification Criteria -- NPSLE Epidemiology -- Clinical Relevance -- Risk Factors for NPSLE -- Pathophysiology -- Diagnosis -- Clinical and Laboratory Investigation -- Therapeutic Strategies in NPSLE -- Conclusion -- Acknowledgments -- References -- Chapter IV: Treatment in Systemic Lupus Erythematosus -- Abstract -- Introduction -- Conventional Therapies -- B-Cell Targeting. T-Cell Targeting and Co-Stimulatory Blockade -- Anticytokines Therapy -- Complement Inhibition -- Conclusion -- Acknowledgments -- References -- Chapter V: Hematologic Manifestations of Systemic Lupus Erythematosus -- Anemia -- Leukopenia -- Lymphopenia -- Neutropenia -- Thrombocytopenia -- Bone Marrow as a Target Organ in SLE -- Hematological Manifestations, SLE Subsets and Prognosis -- References -- Chapter VI: Interleukin-21 in Systemic Lupus Erythematosus: Pathogenic Relevance and Therapeutic Applications -- Abstract -- Introduction: Overview on Systemic Lupus Erythematosus -- Multiple Roles for B Cells in SLE -- IL-21 Is a Critical Regulator of B Cell Responses -- IL-21 and SLE -- Treatment of Spontaneous Lupus Mice Using Agents Able to Block IL-21/IL-21R Signaling -- Conclusion -- References -- Chapter VII: Metabolic Syndrome and Inflammatory Cytokines in Systemic Lupus Erythematosus -- Abstract -- Introduction -- CVD in SLE -- Traditional Risk Factors -- Non-Traditional Risk Factors -- CVD Features and Cytokines Involved on SLE -- Relationship between SLE Treatment in Patients with MetS -- What Is the Best Treatment to MetS in SLE Patients? -- Conclusion and Perspective Future -- Acknowledgments -- References -- Chapter VIII: Pulmonary Hypertension in Systemic Lupus Erythematosus -- Definition -- Classification -- Pulmonary Manifestations in SLE -- Epidemiology -- Pathogenesis -- Clinical Manifestations -- Diagnostic Methods -- Autoantibodies -- Pregnancy -- Treatment -- Immunosuppressive Therapy -- Sildenafil -- Prostanoids -- Endothelin Receptor Antagonists -- Transplantation -- Prognosis -- Conclusion -- References -- Chapter IX: Dual Roles for Antibodies in Lupus Nephritis -- Abstract -- The Origins of Pathogenic Antibodies in Autoimmunity -- Pathogenic Antibodies in Lupus -- Anti-DsDNA IgM Protects against Lupus Nephritis -- Conclusion. References -- Chapter X: Treatment of Systemic Lupus Erythematosus with Intravenous Immunoglobulins: Case Studies -- Abstract -- Introduction -- Case Study 1 -- Case Study 2 -- Discussion -- Conclusion -- References -- Chapter XI: APRV (Airway Pressure-Release Ventilation) as Supportive Management for Diffuse Alveolar Hemorrhage with Systemic Lupus Erythematosus -- Abstract -- Introduction -- APRV and DAH -- Cases -- References -- Index.

Sommario/riassunto

Lupus is one of many disorders of the immune system known as autoimmune diseases, wherein the immune system attacks parts of the patient's body, leading to inflammation and injury in body tissues. This book presents current research in the study of the symptoms, treatment and potential complications of lupus. Topics include autoantibody-producing B cells and B cell therapy in systemic lupus erythematosus; neuropsychiatric and hematologic manifestations of systemic lupus erythematosus; pulmonary hypertension in systemic lupus erythematosus; dual roles for antibodies in lupus nephritis; and treatment of systemic lupus erythematosus with intravenous immunoglobulins.
