



ASUHAN KEPERAWATAN PADA PASIEN DENGAN SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)

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Definisi

Systemic Lupus Erythematosus adalah penyakit autoimun kronis. Pada penyakit autoimun tubuh melakukan reaksi yang berlebihan terhadap stimulus asing dan memproduksi banyak antibodi ataupun protein- protein yang melawan jaringan tubuh. Sistem imun ini tidak dapat membedakan antara senyawa asing dan jaringan tubuhnya sendiri sehingga menyebabkan antibodi bereaksi menyerang jaringan dan sel tubuhnya sendiri. Antibodi ini disebut autoantibodi yang menyebabkan terjadinya inflamasi dan kerusakan pada sebagian besar jaringan tubuh. (Kyle, 2014).

Systemic Lupus Erythematosus merupakan salah satu dari beberapa jenis Lupus Erythematosus. Jenis Lupus Erythematosus yaitu *Discoid Lupus* (DLE) yang menyerang organ bagian dalam, serta *Drug Induce Lupus* (DILE) yang diakibatkan obat tanpa adanya sejarah penyakit rematik. Se jauh ini obat- obatan yang memiliki risiko tinggi yaitu hidralazine (obat darah tinggi) sebesar 5-8% dan prokainamide (obat penstabil detak jantung) sebesar 20%. Diantara bentuk *DLE* terdapat bentuk kelainan lain, yaitu *Subacute Cutaneous Erythematosus*. Bentuk ini merupakan kelainan mukokutan dengan gejala sistemik yang ringan sampai sedang. Kelainan ini ditandai oleh keterlibatan sistemik yang ringan dan muncul ketika terjadi kelainan autoantibodi. *Systemic Lupus Erythematosus* menyerang multiorgan dengan gambaran klinik yang sangat bervariasi, diantaranya sendi, kulit, ginjal, paru- paru, jantung, pembuluh darah, sistem syaraf, otak, dan mulut serta menyebabkan kematian. (Kyle, 2014).



Klasifikasi

Menurut Hasdianah dkk (2014) Penyakit Systemic lupus erythematosus (SLE) dapat diklasifikasikan menjadi 4 macam. Terdapat empat klasifikasi Systemic lupus erythematosus (SLE), yaitu :

1. *Systemic lupus erythematosus (SLE)* merupakan jenis lupus yang paling umum dan banyak diderita. Penyakit SLE merupakan penyakit radangan atau inflamasi multisistem yang disebabkan oleh banyak faktor dan dikarakterisasi oleh adanya gangguan disregulasi sistem imun berupa peningkatan sistem imun

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The Druggists' Circular and Chemical Gazette, 1894 Includes Red book price list section title varies slightly issued semiannually 1897 1906 **Pacific Drug Review**, 1951 Cumulated Index Medicus, 1985 **Index Medicus**, 2003 Vols for 1963 include as pt 2 of the Jan issue Medical subject headings Systemic Lupus Erythematosus (SLE) Syuichi Koarada, 2013 Systemic lupus erythematosus SLE is one of the prototypical systemic autoimmune diseases characterised by inflammation immune complex deposition and vasculitis Patients with SLE show various symptoms and clinical images both constitutional and specific organ symptoms They include the skin joints muscles kidneys lungs nervous system and blood vessels Although the aetiology of the disease is still unclear genetic hormonal immunologic abnormalities and environmental factors complicatedly play important roles in the pathophysiology in SLE It is evident that multiple genes show genetic susceptibility to SLE Environmental factors of SLE and immunologic abnormalities especially the production of a number of auto antibody are important features of the disease In this book we present recent knowledge about the prevalence pathophysiology and prognosis of SLE The book includes various interesting chapters Chapter One An illustrated overview of the prevalence and clinical symptoms of systemic lupus erythematosus Chapter Two Pathophysiology of systemic lupus erythematosus Chapter Three MBL and MBL genotypes in SLE Chapter Four Novel biological activities of autoantibodies as the potential markers of systematic lupus erythematosus Chapter Five Cytokines in systemic lupus erythematosus sle with clinical aspects and prognostics Chapter Six Prognosis in systemic lupus erythematosus Chapter Seven Auto antibody producing RP105 negative B cells in humans and a murine model of lupus erythematosus Systemic Lupus Erythematosus George C. Tsokos, 2020-04-07 This completely updated and expanded 2nd edition of Systemic Lupus Erythematosus A Manual includes topics not covered previously with contributors who are at the forefront of each specific topic and with a global appeal Each chapter is short and is presented critically with selected references which should be valuable to a wider audience This book combines basic with clinical science to help internists and specialists in the diagnosis and management of patients with SLE It is a quick referral for people in the pharmaceutical industry in their efforts to bring much needed drugs It provides all the needed information to basic researchers old and new alike who wish to enter the field of lupus and systemic autoimmunity in general Focused state of the art chapters prepared by top notch experts in the field Latest understanding of cellular molecular biochemical aspects of disease pathogenesis Advanced aspects of genetic microbiome environmental hormonal and immunological contribution to the expression of the disease Current understanding of clinical features of the disease Recent efforts to develop new treatments Systemic Lupus Erythematosus (SLE) Syuichi Koarada, 2014-05-14 Systemic lupus erythematosus SLE is one of the prototypical systemic autoimmune diseases characterized by inflammation immune complex deposition and vasculitis Patients with SLE show various symptoms and clinical images both constitutional and specific organ symptoms They include the skin joints muscles kidneys lungs nervous

system and blood vessels Although the etiology of the disease is still unclear genetic hormonal immunologic abnormalities and environmental factors complicatedly play important roles in the pathophysiology in SLE It is evident that multiple genes show genetic susceptibility to SLE Environmental factors of SLE and immunologic abnormalities especially the production of a number of auto antibody are important features of the disease In this book we present recent knowledge about the prevalence pathophysiology and prognosis of SLE The book includes various interesting chapters Chapter One an illustrated overview of the prevalence and clinical symptoms of systemic lupus erythematosus Chapter Two the pathophysiology of systemic lupus erythematosus Chapter Three MBL and MBL genotypes in SLE Chapter Four novel biological activities of autoantibodies as the potential markers of systematic lupus erythematosus Chapter Five cytokines in systemic lupus erythematosus sle with clinical aspects and prognostics Chapter Six prognosis in systemic lupus erythematosus and Chapter Seven autoantibody producing RP105 negative B cells in humans and a murine model of lupus erythematosus

Systemic Lupus Erythematosus (SLE) Irvine Turner,2017 Being diagnosed with Systemic Lupus Erythematosus SLE can be a severe disappointment and life after diagnosis can be defined as an existence filled with uncertainty as to the short and long term impact of the disease SLE is a chronic multi system autoimmune disease that is persistent and recurrent and has the potential of becoming life threatening The manifestations and severity of the disease varies between individuals SLE can potentially influence nearly all of the body s organ systems In this book Chapter One reviews Raynaud s phenomenon RP one of the nonspecific skin changes that occur in SLE Chapter Two presents the debate on the causes of fatigue in SLE and factors that increase fatigue Chapter Three reviews and illustrates the important findings of musculoskeletal diseases in SLE Chapter Four examines SLE in young adults and reviews information about the pain social impact and interventions to improve functioning of these young adults

Advanced Handbook of Systemic Lupus Erythematosus Laurent Arnaud,Ronald van Vollenhoven,2017-09-10 This book will provide an introduction to the epidemiology etiology and pathogenesis of the condition while also exploring the classification diagnosis and current and emerging therapies for systemic lupus erythematosus Systemic lupus erythematosus is an autoimmune disease in which the body s immune system mistakenly attacks healthy tissue It can affect the skin joints kidneys brain and other organs The underlying cause of the disease is not fully known and SLE is much more common in women than in men It may occur at any age but most often occurs in people between 10 and 50 years of age This is the second Adis title from Ronald F van Vollenhoven who previously authored *Biologics for the Treatment of Rheumatoid Arthritis*

Outcome Measures and Metrics in Systemic Lupus Erythematosus Zahi Touma,2021-07-22 Systemic Lupus Erythematosus SLE is a chronic autoimmune disease that manifests with a myriad of clinical and laboratory features The assessment of SLE is comprehensive and includes different core set domains disease activity damage health related quality of life adverse events and economic impact This comprehensive book is focused on the instruments and outcome measures utilized in the assessment of SLE It targets different audiences

including physicians scientists researchers and different health professionals interested in learning about the art of measurement in SLE The book highlights the importance of measurement in the assessment of SLE in a clinical settings research and clinical trials Each of the chapters provide a systematic approach to the instruments utilized in the assessment of a specific construct in SLE e g disease activity fatigue etc and incorporate a comprehensive coverage of disease specific and disease generic measures It also discusses different patient reported outcomes that are crucial to reflect patient perceptions of their health condition and cover constructs such as fatigue pain anxiety and depression cognition frailty and many others *Systemic Lupus Erythematosus* Robert G. Lahita,George C. Tsokos,Jill P Buyon,Takao Koike,2010-10-29

Systemic lupus erythematosus S L E commonly called lupus is a chronic autoimmune disorder that can affect virtually any organ of the body In lupus the body s immune system which normally functions to protect against foreign invaders becomes hyperactive forming antibodies that attack normal tissues and organs including the skin joints kidneys brain heart lungs and blood Lupus is characterized by periods of illness called flares and periods of wellness or remission Because its symptoms come and go and mimic those of other diseases lupus is difficult to diagnose There is no single laboratory test that can definitively prove that a person has the complex illness To date lupus has no known cause or cure Early detection and treatment is the key to a better health outcome and can usually lessen the progression and severity of the disease Anti inflammatory drugs anti malarials and steroids such as cortisone and others are often used to treat lupus Cytotoxic chemotherapies similar to those used in the treatment of cancer are also used to suppress the immune system in lupus patients A new edition of this established and well regarded reference which combines basic science with clinical science to provide a translational medicine model *Systemic Lupus Erythematosus* is a useful reference for specialists in the diagnosis and management of patients with SLE a tool for measurement of clinical activity for pharmaceutical development and basic research of the disease and a reference work for hospital libraries Highly illustrated and in full color throughout Basic science section expanded to allow the reader to focus on the newest techniques in molecular medicine and its effects on disease expression and treatment Clinical aspects and new drugs will be covered in great detail providing a useful reference to both experienced clinicians and physicians with an interest in lupus in their clinical practice *Lupus* Daniel J

Wallace,2008-04-25 Part of the Oxford American Rheumatology Library this concise authoritative pocketbook provides the most up to date information on the diagnosis treatment and management of lupus The volume describes the pathophysiology of the condition diagnostic strategies and tools and current and emerging therapeutic options focusing on direct clinical applications for busy healthcare professionals *Lahita's Systemic Lupus Erythematosus* Robert G. Lahita,2021-07-23 Systemic lupus erythematosus SLE commonly called lupus is a chronic autoimmune disorder that can affect virtually any organ of the body In lupus the body s immune system which normally functions to protect against foreign invaders becomes hyperactive forming antibodies that attack normal tissues and organs including the skin joints kidneys brain heart lungs and

blood Lupus is characterized by periods of illness called flares and periods of wellness or remission Because its symptoms come and go and mimic those of other diseases lupus is difficult to diagnose There is no single laboratory test that can definitively prove that a person has the complex illness To date lupus has no known cause or cure Early detection and treatment are the key to a better health outcome and can usually lessen the progression and severity of the disease Anti inflammatory drugs antimalarials and steroids such as cortisone and others are often used to treat lupus Cytotoxic chemotherapies like those used in the treatment of cancer are also used to suppress the immune system in lupus patients A new edition of this established and well regarded reference combines basic science with clinical science to provide a translational medicine model Systemic Lupus Erythematosus Sixth Edition is a useful reference for specialists in the diagnosis and management of patients with SLE a tool for measurement of clinical activity for pharmaceutical development and basic research of the disease and a reference work for hospital libraries Completely updated revised and expanded with the most comprehensive and accessible reference on SLE for clinicians and scientists Full color presentation throughout the book Provides the latest information available on diagnosis and treatment Incorporates an international panel of authors who are experts in their fields with an emphasis on young cutting edge scientists and physicians

Progress in Systemic Lupus Erythematosus Research Tomas I. Seward,2007 This new book is devoted to leading edge research developments in lupus which is a condition of chronic inflammation caused by an autoimmune disease Autoimmune diseases are illnesses that occur when the body s tissues are attacked by its own immune system The immune system is a complex system within the body that is designed to fight infectious agents for example bacteria and other foreign invaders One of the mechanisms that the immune system uses to fight infections is the production of antibodies Patients with lupus produce abnormal antibodies in their blood that target tissues within their own body rather than foreign infectious agents Because the antibodies and accompanying cells of inflammation can involve tissues anywhere in the body lupus has the potential to affect a variety of areas of the body Sometimes lupus can cause disease of the skin heart lungs kidneys joints and or nervous system When only the skin is involved the condition is called discoid lupus When internal organs are involved the condition is called systemic lupus erythematosus SLE

Cutaneous Lupus Erythematosus Annegret Kuhn,Percy Mario Lehmann,Thomas Ruzicka,2005-12-05 Based on multidisciplinary knowledge and written by leading clinicians and scientists Includes chapters on classification and clinical aspects pathologic features and treatment and management of lupus erythematosus Although the lupus erythematosus is primarily a skin disease because it can affect other areas such as joints kidneys lungs heart liver brain and blood vessels this book is also useful to specialists in internal medicine

Pathology of Systemic Lupus Erythematosus Tatiana T. Antonovych,1995

Lupus Reem A. Hamdy Mohammed,2021-08 Systemic lupus erythematosus SLE is a multisystem immune mediated inflammatory disease of unknown etiology It is difficult to diagnose and thus effective intervention in SLE patients is often delayed This book is a comprehensive guide to lupus with chapters on diagnosis

assessment treatment the link between lupus and endocrinopathies lupus and pregnancy and advances in therapeutics The book is presented by devoted authors who sought the latest evidence based data to provide a well structured display aiming at setting standards for best practice guidelines in the diagnosis and management of each and every section discussed in the Lupus Need to Know Systemic Lupus Erythematosus ,2012 Patients that present with a connective tissue disease are often a challenge to diagnose and treat A connective tissue disease is a disorder in which the tissues of the body consisting of the cells and the matrix which holds them together are disrupted This guide will describe several multi system conditions that result from the inflammatory and immune mediated disorder systemic lupus erythematosus and the related condition of Sjogren s syndrome These diseases affect various tissues of the body details of their management are discussed within including presentation investigation differential diagnosis and treatment These diseases are multifactorial conditions associated with a complex genetic predisposition and various not well understood environmental triggers that induce inflammatory and immune mediated responses directed against components of the person s own body As a result these diseases fall under the umbrella term known as the systemic autoimmune diseases Patients with a systemic autoimmune connective tissue disease can present with clinical symptoms and signs in one or more often several systems of the body Some of these diseases affect people of certain ages and gender more often than others including children but this guide will focus on the management of adult patients These diseases are more common than is generally realized cannot be cured are associated with considerable morbidity and still cause significant mortality Appropriate investigations are critical to making the correct diagnosis so that treatment can be tailored to the patient s condition It is important not only to recognize and treat the current disease activity but also to prevent death and the development of chronic damage due to complications of the disease and the immuno suppressive drugs used to treat it Principles of drug treatment are discussed but the final choice of drug and exact dosages to be used will depend on the details of the patient s condition and should be planned by a physician with relevant experience of these conditions and responsible for the management of the patient Due to the variable severity of these diseases and their multisystem nature patients with an autoimmune connective tissue disease may present to general practitioners general physicians or internal medicine specialists obstetricians intensive care or any medical or surgical specialist The majority of patients with these conditions are cared for long term by dermatologists rheumatologists and or nephrologists as it is the skin joints and kidneys that are most often involved However it should be noted that many patients develop cardio respiratory or infectious complications including accelerated atherosclerosis due to the disease and or its treatment Multidisciplinary care is important and should involve the full range of allied health professionals as well as the relevant clinical specialists depending on the organs and systems involved **The Clinical Management of Systemic Lupus Erythematosus** Peter H. Schur,1996 This volume is designed to provide clinicians with practical guidance on the diagnosis and management of systemic lupus erythematosus Revised and updated to reflect diagnostic and therapeutic

advances the book offers advice on the day to day care of patients with the varied manifestations of this disease **Dubois'**
Lupus Erythematosus Daniel Jeffrey Wallace, Bevra Hahn, 2007 Established for forty years as the definitive reference on
lupus Dubois Lupus Erythematosus is now in its thoroughly revised updated Seventh Edition More than ninety distinguished
contributing authors twenty of them new to this edition provide comprehensive coverage of every aspect of cutaneous and
systemic lupus erythematosus including definitions pathogenesis autoantibodies clinical and laboratory features management
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