Lupus

Lupus is an autoimmune disease that can affect many organ systems in different ways. The cause of lupus is unknown, but is thought to be a combination of genetic, environmental and hormonal factors.^{1,2}



Types of Lupus

There are 4 main types of lupus^{1,3,4}:



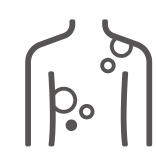
Systemic lupus erythematosus (SLE)

- Most common type, representing about **70%** of all lupus cases
- Commonly referred to as only 'lupus'
- Can affect almost any organ system, including the skin and joints, and can also cause fatigue
- Up to ~60% of SLE patients develop lupus nephritis (inflammation of the kidney)⁵
- Treated with medications and lifestyle changes; limited therapeutic options exist
- 40%-60% of patients with SLE may not adequately respond to treatment⁶

Learn more

Cutaneous lupus erythematosus (CLE)⁷

- Three types of cutaneous lupus: discoid (DLE), subacute (SCLE)
 and acute (ACLE)
- Limited to the skin, causing red, scaly rash
 5% 25% of patients with CLE may develor
- **5%-25%** of patients with CLE may develop SLE⁸
- CLE may occur in patients with SLE
- Can often be managed with medications and lifestyle changes





Neonatal and pediatric lupus erythematosus (NLE)⁹

- Rare condition that may affect newborns of women who have SLE
- Caused by antibodies from the mother that impact the child
- Usually affects the heart, liver and skin
- Typically resolves in 4 to 6 months with no lasting effects

Drug-induced lupus (DIL)¹⁰ Occurs after exposure to ce

- Occurs after exposure to certain medications
 Can affect various organ systems
- Can affect various organ systems
- Symptoms will typically go away once the medication is stopped



Diagnosis & Treatment

affect and the varying symptoms from person to person. No one test can diagnose lupus. 11 Different types of lupus will require different evaluations and considerations by healthcare providers.

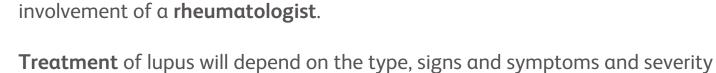
Diagnosing lupus can be challenging due to the many parts of the body it can

• Complete blood count and erythrocyte sedimentation rate

Tests may include¹¹:

- Liver and kidney assessmentsUrine analysis
- Antinuclear antibody test
- Antinuclear a
- X-rays and echocardiograms
- Skin biopsy
- Lupus is typically managed by a multidisciplinary care team with close

of the disease.1



9 out of 10 lupus patients are women.⁴

Who is Impacted by Lupus?

SLE predominantly impacts women of childbearing age.¹²

Women from racial and ethic minority groups: 4,13

Tend to develop lupus at a younger age

serious complications

Experience more

Have higher

mortality rates

Bristol Myers Squibb is committed to identifying and pursuing new treatment options to help deliver transformational medicines for patients with lupus and other immune-mediated diseases.

Maidhof W, Hilas O. Lupus: An Overview of the Disease And Management Options. *Pharm Ther*. 2012;37(4):240-249.

What Is Lupus? | Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/what-is-lupus
 Types of Lupus. Johns Hopkins Lupus Center. Accessed February 7, 2022. https://www.hopkinslupus.org/lupus-info/types-lupus/
 Lupus facts and statistics | Lupus Foundation of America. Accessed February 7, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Gotta America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://www.lupus.org/resources/lupus-facts-and-statistics
 Lupus Foundation of America. Accessed February 10, 2022. https://w

Kim M, Merrill JI, Kalunian K, Hanranan L, Izmirly P. Evaluating auration or response to treatment in systemic lupus erythematosus clinical trials. Lupus S-x med. 2018;5(1):e000266. doi:10.1136/lupus-2018-00026
 Cutaneous Lupus (Skin Lupus): Appearance, Symptoms & Treatment. Cleveland Clinic. Accessed February 7, 2022. https://myclevelandclinic.org/health/diseases/21601-cutaneous-lupus-skin-lupus
 Kuhn A, Landmann A. The classification and diagnosis of cutaneous lupus erythematosus. J Autoimmun. 2014;48-49:14-19. doi:10.1016/j.jaut.2014.01.021
 What is neonatal lupus? I Lupus Foundation of America. Accessed February 7, 2022. https://www.lupus.org/resources/about-neonatal-lupus
 Solhjoo M, Bansal P, Goyal A, Chauhan K. Drug-Induced Lupus Erythematosus. In: StatPearls. StatPearls Publishing; 2022. Accessed February 7, 2022. https://www.mayoclinic.org/diseases-conditions/lupus/symptoms-causes/syc-20365789
 Bartels, C.M. and Muller, D. "Systemic Lupus Erythematosus (SLE)." Medscape. http://emedicine.medscape.com/article/332244-overview. Accessed April 15, 2022
 Somers EC, Marder W, Cagnoli P, et al. Population-Based Incidence and Prevalence of Systemic Lupus Erythematosus. Arthritis Rheumatol Hoboken NJ. 2014;66(2):369-378. doi:10.1002/art.38238