

# Systemic Lupus Erythromatosis (SLE)

#### What is it? **SLE** is a chronic inflammatory auto-immune disorder in which the body's own defence system attacks its own tissues. Mental: Cognitive dysfunction **Psychosis** Seizures Skin & hair: Photosenitivity Butterfly rash Alopecia Lungs: Heart: Pleuritic chest pain Inflammation Pleuritic chest pain Pneumonia Heart murmus Pleuritis Blood: Immune Complexes Kidneys: Blood clots Inflammation Anemia Failure Joints & muscle: Swollen joints Mouth: Arthritis Ulcers

#### Classification

- One or more organs may be affected.
- Root cause unknown, although genetics may play a role.
- Females, age 15-40, are more affected than men.

### **Symptoms**



Fever



Weight loss



Fatigue and feeling unwell



**Psychosis** 



Course of disease is unpredictable



Joint pain and swelling, muscle aches





Disease may vary in activity from time to time



Swollen glands



Mouth sores



Skin rashes and photosensitivity



→ Hair loss



Nausea and vomiting



Blood in urine





### **How it presents**



**Skin**: A malar (butterfly) rash over the cheeks and bridge of the nose, which is made worse by sun exposure (can also be seen on other parts of the body).



Kidneys: Lupus nephritis (persistent inflammation of the kidneys) in half of diagnosed SLE patients.



Blood (85% of SLE patients): Blood clots can lead to strokes or pulmonary embolisms (clots in lungs). Some patients experience clotting deficiencies or anaemia.



Nervous system: Mild mental dysfunction, headaches, seizures, psychosis and brain function loss (organic brain syndrome).



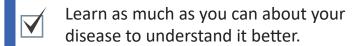
Bones and muscles: Arthritis in hands, fingers, wrists and knees.

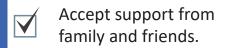
## Medication



- Anti-inflammatories for joint pain
- Steroids
- Disease modifying drugs
- Gamma globulin to increase immunity and fight infections
- Any side-effects should be reported and monitored.

#### **TREATMENT**





May vary according to different presenting symptoms.

Maintaining general good health can prevent flare-ups.

Avoid mental and physical stress.

Adequate rest.