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UNIVERSITY

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RHEUMATIC FEVER

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Definition

Rheumatic fever is an inflammatory disease that can develop when strep throat or scarlet fever isn't properly treated. Strep throat and scarlet fever are caused by an infection with streptococcus.

Incidence

Rheumatic fever is most common in 5- to 15-year old children, though it can develop in younger children and adults.

ETIOLOGY

- Infection of upper respiratory tract with group A streptococci
- Previous infection with group A streptococci can be documented by laboratory evidence of rising antibody titers.

Clinical features

- Tachycardia
- Cardiomegaly
- Chest pain
- Changes in ECG
- Polyarthritis
- Erythematous
- Speech disturbance
- Muscles weakness
- fever

Diagnosis

- Presence of two major or one major and two minor criteria plus evidence of a preceding streptococcal infection.
- Echocardiography
- Chest X-ray
- Electrocardiography
- Blood test

Management

- Anti-inflammatory drugs-*Asprin or Corticosteroids*
- Ibuprofen
- Antibiotics- *penicillin, erythromycin*

THANK YOU