

Muscular Dystrophy

- Dystrophy means abnormal growth derived from greek trophe, meaning nourishment.

FOUR OBLIGATORY CRITERIA

- Primary myopathy
- Progressive
- Degeneration & death of fibers
- genetic basis

Types

- Duchenne & Becker muscular dystrophy
- Myotonic muscular dystrophy
- Limb girdle muscular dystrophy
- Facioscapulohumeral
- Congenital

Duchenne

- Most common
- X-linked recessive

Clinical features

- Rarely systematic at birth
- Gross motor skills usually achieved normally
- Hip girdle weakness as early as 2nd year
- Lordotic posture
- Scoliosis
- Cardiomyopathy
- Intellect impairment

Diagnosis

- CPK increased
- PCR
- Muscle biopsy

Treatment

- No cure
- Supportive therapy
 - Cardiomyopathy
 - Pulmonary infection
 - Good nutrition
 - Physiotherapy

THANK YOU