**What is Duchenne?**

Duchenne muscular dystrophy is the most common and lethal muscle disease in boys. It results from a defective gene responsible for producing the key muscle protein, dystrophin. Without dystrophin, cells easily become damaged and die, resulting in heart and breathing failure.

1 in every 3,500 live male births

24,000 boys in the U.S.

300,000 boys worldwide

**Impact on the Body**

- Possible learning and cognitive difficulties
- Decreased heart function
- Cardiomyopathy
- Leads to heart failure
- Weakened diaphragm
- Requires ventilator in teens
- Leads to pneumonia
- Loss of muscle mass
- Weakness
- Inflammation
- Fibrosis
- Brittle and weak

**What is CureDuchenne?**

CureDuchenne is a nonprofit that raises awareness and funds research to find a cure for Duchenne.

**CureDuchenne’s Comprehensive Research Strategy:**

- Treatments to reduce disease severity
  - Slow progress of the disease
  - Drug repositioning
    - New use of existing drugs
  - Protein replacement
    - Restore dystrophin and complementary proteins

**CureDuchenne’s Impact**

- Number of research projects advanced into human clinical trials with CureDuchenne’s support: 7
- Year expected to see first drugs approved: 2014
- Amount of money leveraged from government agencies and pharmaceutical companies to fund research leading to a cure: $100 million
- Number of people reached through awareness campaign: 100 million

Based on current scientific knowledge, Duchenne could become treatable for this generation of boys. We just need the funding now. Help us CureDuchenne Now. www.cureduchenne.org