

## WHAT IS DUCHENNE MUSCULAR DYSTROPHY?

DUCHENNE IS A PROGRESSIVE,  
MUSCLE-WASTING DISEASE.

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.

**300,000**

CHILDREN & YOUNG ADULTS  
WORLDWIDE

**15,000**

CHILDREN & YOUNG ADULTS  
IN THE U.S.

**5**

THOSE WITH DUCHENNE  
ARE USUALLY DIAGNOSED  
BEFORE AGE 5

**12**

MAY USE A WHEELCHAIR  
BY AGE 12

**20s**

AND MOST MAY PASS AWAY  
IN THEIR 20s



## DUCHENNE'S IMPACT ON THE BODY



- DYSTROPHIN ABNORMALITIES
- POSSIBLE LEARNING AND COGNITIVE DIFFICULTIES



- DECREASED HEART FUNCTION
- CARDIOMYOPATHY
- LEADS TO HEART FAILURE



- WEAKENS DIAPHRAGM
- REQUIRES VENTILATOR
- LEADS TO PNEUMONIA



- LOSS OF MUSCLE MASS
- WEAKNESS
- INFLAMMATION
- FIBROSIS



- BRITTLE AND WEAK

VISIT [CUREDUCHENNE.ORG](http://CUREDUCHENNE.ORG)  
TO LEARN MORE