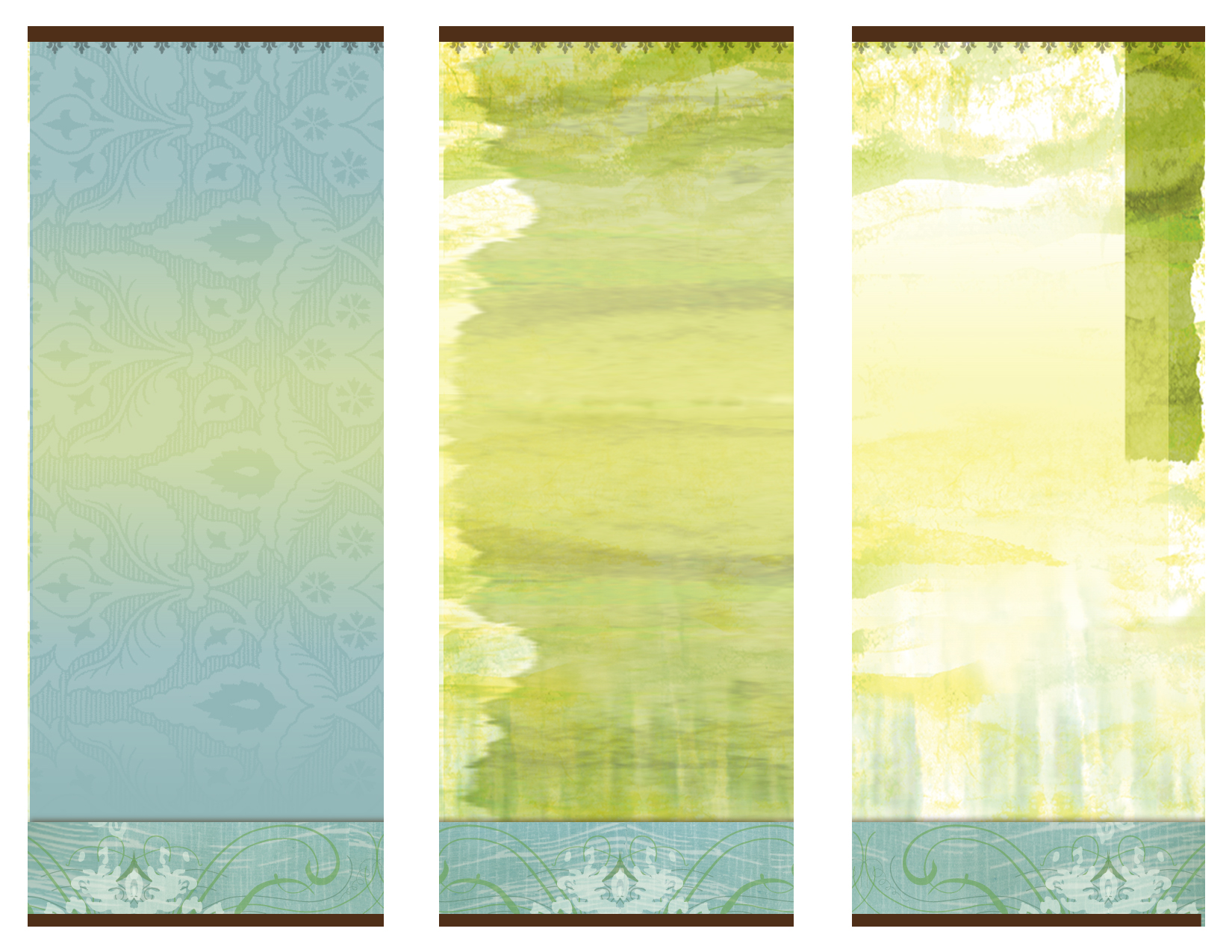
Sources:

* <http://www.mayoclinic.com/health/muscular-dystrophy/DS00200>
* <http://ghr.nlm.nih.gov/condition/duchenne-and-becker-muscular-dystrophy#genes>
* <http://www.umm.edu/altmed/articles/muscular-dystrophy-000113.htm>
* <http://cosozo.com/article/early-detection-muscular-dystrophy>
* <http://www.nlm.nih.gov/medlineplus/ency/article/001190.htm>
* google.com/images 6

Treatment

* Multiple types of therapy: physical, occupational, respiratory and speech
* Most patients are confined to a wheel chair to prevent further damage of muscles
* Certain drugs can be prescribed to treat delayed muscle relaxation and improve muscle strength.
* Surgery is an option to correct the following:
* Scoliosis
* Contractures
* Nutrition supplements
* Herbal therapies
* Massage
* The prognosis of this disease varies depending on the severity of the disease. In the mild cases the disease usually progresses slowly and the patient should have a normal life span. In more severe cases the muscle deterioration occurs much faster and patients become more susceptible to failure in other body systems. Individuals who have Duchenne usually only live into their twenties while those who have type two have a longer life span.
* As of now there are no early detection strategies. Recently the University of Birmingham published a paper stating in the near future we may be able to detect muscular dystrophy in utero or soon after birth. 5
* 5

# Prognosis/ Early Detection

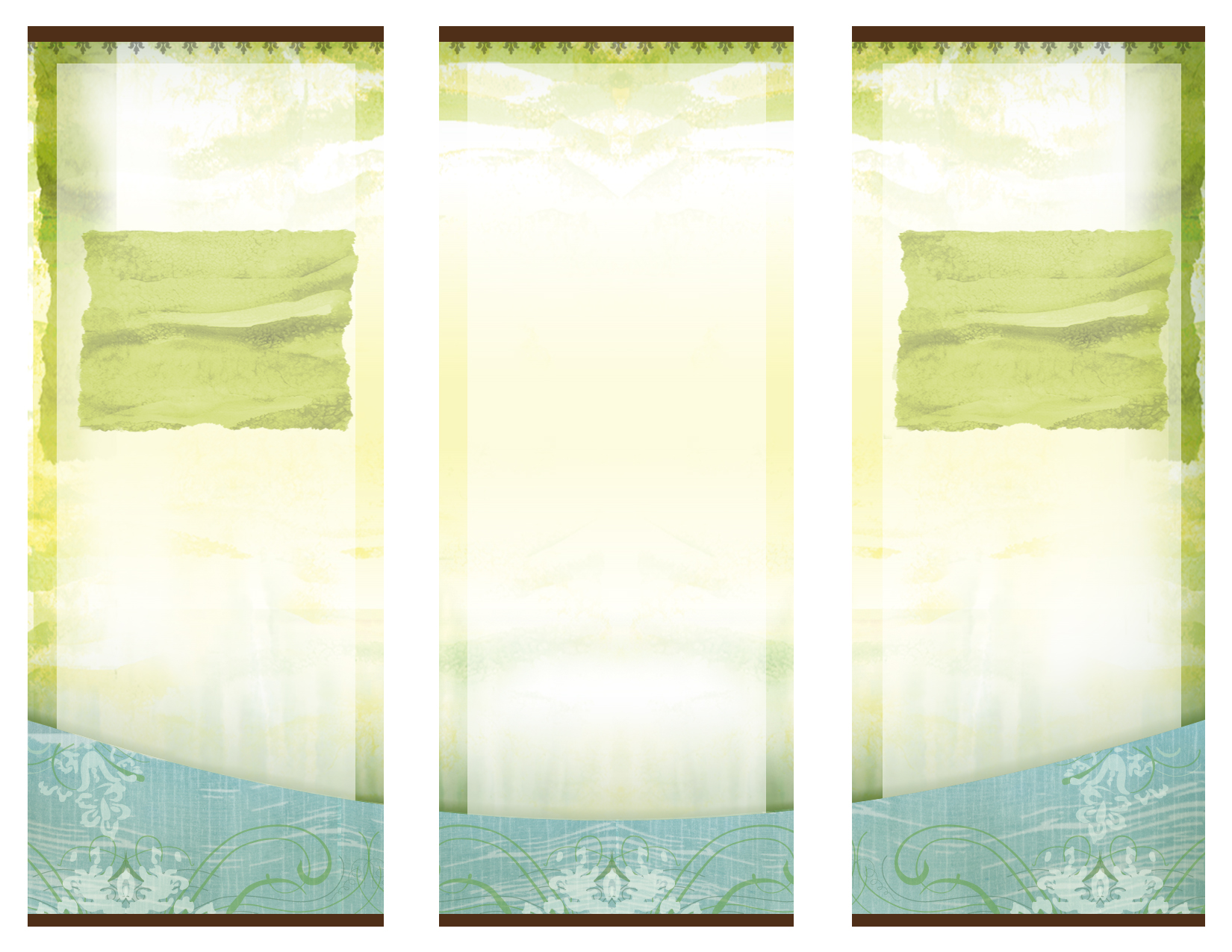


Muscular Dystrophy

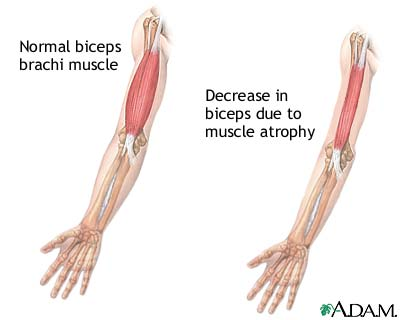
By: Ms. Lotzer

Period 1

1



Delete text and place photo here.



Delete text and place photo here.

#### Symptoms

#### Definition of Muscular Dystrophy

Muscular Dystrophy is a group of genetic diseases which makes the muscle fibers in the human body more susceptible to damage. There are two types of the disorder Type 1 (Duchenne) and Type 2 (Becker).

2

* This genetic disease is caused by a faulty recessive gene on the X chromosome. Due to the fact that this disease is located on an X chromosome, it makes it a sex linked disease.
* Males are more likely than females to have the disorder. This is occurs because males only receive one X chromosome and females receive two. Females having an X-chromosome with the genetic disease would be considered a carrier and could pass it on to her offspring.
* Females do not become affected but the disease because they receive a second X-chromosome. 3
* Depending on the type of Muscular Dystrophy the patient has the symptoms may vary.
* Most common are:
* Difficulty using one or more muscle groups
* Mental retardation
* Loss in muscle strength and size
* Problems walking
* Drooling

4

#### Causes of Muscular Dystrophy

