## Celiac Disease

Celiac disease is an autoimmune disorder of the small intestine. Gluten, a protein found in certain grains, is the source of the disorder. When you have celiac disease and consume foods with gluten in it, the gluten triggers an immune response that is not normal. This damages the inside of your small intestine and can prevent your body from absorbing the nutrients from your food properly. Not following a gluten free diet with celiac disease can lead to additional problems, such as anemia and osteoporosis. Like all other food allergens, the only full-proof treatment is avoidance of gluten in the diet.

## Common symptoms:

Changes in bowel movements
Feeling tired
Gas and bloating
Weakness
Weight loss
Foods that are commonly associated with gluten:
Barley
Malt
Oats - unless labeled gluten-free
Rye
Wheat (including einkorn, emmer, spelt, kamut)

## Other terms for wheat:

Bromated flour
Durum flour
Enriched flour
Farina
Flour
Graham flour
Phosphated flour
Plain flour
Self-rising flour
Semolina
White flour


## Foods made from barley:

Beer, ale, porter, stout, and other fermented beverages
Malt
Malt flavoring
Malt syrup or malt extract
Malt vinegar (cider, wine and distilled vinegar are gluten free)
Malted beverages
Malted milk
Extra care must be taken when consuming the following foods. Be sure to read labels carefully.

Bouillon cubes
Bread products
Breakfast cereals
Brown rice syrup
Cakes
Candy
Cookies
Dairy substitutes
Deli meats (lunch meats and hot dogs)
Flours
French fries
Gravy
Imitation fish
Licorice
Matzo
Pasta
Rice mixes
Salad dressings
Sauces
Seasoned tortilla chips or potato chips
Seasoning/spice blends
Soups
Soy sauce
Vegetables in sauce
Naturally gluten-free foods:
Eggs
Fish
Fruits
Meat
Vegetables
Count On Us!

Naturally gluten-free grains to enjoy:
Amaranth
Arrowroot
Buckwheat
Chia
Corn
Flax
Legumes (dry beans, peas, lentils)
Millet
Nuts
Potatoes
Quinoa
Rice
Sorghum
Soy
Tapioca
Teff
Wild Rice
Gluten-free flour alternatives:
*Alternatives to wheat flour - substitution ratio to 1 cup wheat flour
Corn flour: 1 cup
White Rice flour: 7/8 cup
Potato flour: 5/8 cup
Almond flour: $1 / 2$ cup
Sorghum flour: 1 cup
Tapioca Flour: 1 cup

## Phrases to watch out for on labels:

"Modified food starch"
"Hydrolyzed vegetable protein"
"Wheat free" - may still contain gluten sources

## Additional Resources:

Local

- Celiac Spru Association (CSA): Michiana Chapter \#110 Marcie Gamble, Granger: 574-273-9320 or denncie@comcast.net Marcie Hayes, Elkhart: 574-262-1428 or marcielhayes@yahoo.com
- Living Gluten Free Support Group: Memorial Hospital Jeannie Derrow, RN: 574-220-5040 or jboschetderrow@memorialsb.org

National

- American Celiac Disease Alliance 703-622-3331 www.americanceliac.org
- Celiac Spru Association: Omaha, NE 877-272-4272 www.csaceliacs.org
- Children's Digestive Health and Nutrition Foundation www.celiachealth.org

