# **IBS Diet Sheet**

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Diet and lifestyle management can be used as a treatment for <u>irritable bowel syndrome (IBS)</u>. When looking to treat symptoms of IBS, using a staged approach is most useful. It may be as simple as eating healthily and changing lifestyle factors, or there may be slightly stricter and more specific ways to manage symptoms.

#### Diet and lifestyle changes for treatment of IBS

Before making any dietary changes, keep a food and symptom diary for a week. This can be a helpful way to identify foods that may be triggering a response in your body. Record all food and drink consumed for a week and make a note of any symptoms experienced. Try to record an approximate quantity eaten and the time of day. Symptoms may not always be caused by what you eat so consider other factors that may be involved.

#### Step one – healthy eating and lifestyle changes

#### A healthy diet

This includes:

- Plenty of fruit and vegetables.
- Plenty of starchy carbohydrates. Examples include bread, rice, cereals, pasta, potatoes, chapattis and plantain.
- Some milk and dairy products (2-3 portions per day). If you are<u>lactose intolerant</u> include dairy alternatives such as soya, rice or oat milk and yogurt that are enriched with

calcium.

- Some protein foods: meat, fish, eggs and alternatives such as beans and pulses.
- Limited amounts of foods high in fats and sugars. Limit saturated fat that is found in animal products such as butter, ghee, cheese, meat, cakes, biscuits and pastries.
  Replace these with unsaturated fats found in vegetable oils such as sunflower, rapeseed and olive oil, avocados, nuts and seeds.
- Drink plenty of fluid at least two liters daily, such as water or herbal teas.

#### Lifestyle changes to improve symptoms

- Have a regular meal pattern.
- Take time when eating meals.
- Try not to skip meals.
- Sit down to eat; chew food well.
- Try to avoid eating too late at night.
- Exercise regularly, such as walking, cycling, or swimming. If finding time is difficult, incorporate it into your day. For example, cycle to work, get off a train a stop early and walk, and use steps instead of lifts when possible.

# **De-stress**

If you have a hectic lifestyle, stress and anxiety may also be causing IBS symptoms. There are many complex connections between the brain and the gut. Psychological factors, the nervous system, and muscle contractions in the gut all interact with each other, causing IBS symptoms. This is known as the brain-gut axis. Therefore, <u>stress management</u> can be effective in easing symptoms.

- Create time for relaxation.
- Make the most out of leisure time.
- Try relaxation therapies such as mindfulness.
- Exercise try yoga or taking a walk.
- Get enough sleep.
- Seek support or counseling.

# Step two – symptom-specific changes to the diet

Sometimes, a healthy balanced diet and lifestyle changes aren't enough to improve symptoms. It may be that more specific changes to the diet are needed. Many people report that what they eat affects their symptoms. Therefore, modifying what you eat can help to manage symptoms.

# **Reduce caffeine**

Caffeine can stimulate activity in the colon, which may worsen symptoms of pain and diarrhea. Limit tea and coffee to no more than three cups per day. Filter coffee contains higher amounts of caffeine (140 mg) compared to instant coffee (100 mg) and tea (75 mg). So, if filter coffee is included in your diet, you may want to limit this to two cups per day. There is also caffeine in cola and some other soft drinks, and in chocolate.

#### Limit alcohol and fizzy drinks

Fizzy drinks and alcohol can worsen symptoms of diarrhea. Limit your intake of these drinks to improve symptoms. Aim to have at least two alcohol-free days each week and no more than two units each day.

A unit of alcohol is:

- One 25 ml shot of spirits.
- Half a pint of standard-strength lager/beer (3-4% alcohol by volume).
- One small 125 ml glass of wine (11% alcohol by volume).

#### Reduce intake of resistant starches

These are starches that are resistant to digestion in the gut (small intestine). Therefore, they reach the colon intact and are fermented by the germs (bacteria) in our gut. This produces gases and waste products, leading to symptoms of, bloating, wind and diarrhea. People who have IBS react to smaller doses of resistant starches than those who don't have IBS. Reducing resistant starches may also improve symptoms of diarrhea.

#### Reduce intake of foods containing resistant starches

- Processed foods such as crisps, oven chips, supermarket pizza, biscuits and cakes, breakfast cereals.
- Foods that have been cooked and left out to cool for example, cold potato/pasta salads.
- Ready meals.
- Partially baked bread for example, garlic bread or pizza bases.
- Whole grains, pulses, sweetcorn, green banana and muesli that contains bran.
- Dried pasta (use fresh instead).
- Savory snacks.

Cook fresh food whenever possible and eat food that you've cooked straightaway. This will help to reduce intake of resistant starches.

#### Modify your fiber intake

<u>Fiber</u> can be a confusing subject for many of those affected by IBS. For some people, reducing high-fiber foods can help to improve symptoms. For others, increasing fiber can help to improve symptoms, so it is very much dependent on the individual. Adjust fiber intake according to personal symptoms. Use a food and symptom diary and monitor any changes.

It may help to clarify what exactly dietary fiber is and how it may affect symptoms. There are two types of fiber which work differently in the body. Generally, reducing insoluble fiber may help with symptoms but if an increase in fiber is necessary, this should be from soluble fiber.

#### Insoluble fiber

This type of fiber does not dissolve in water and is not readily broken down, so it passes through the digestive system mostly intact. It absorbs water, adds bulk to stools (feces) and allows waste to be passed through bowels more quickly. Reducing this type of fiber may help to improve symptoms of diarrhea. Foods to reduce or avoid:

- Skin, pith and pips of fruit and vegetables.
- Wheat and bran.
- Corn (maize).
- Nuts and whole grains.

#### Soluble fiber

This type of fiber dissolves in water and is broken down by the natural bacteria in the bowels. It softens stools and makes them larger. Increasing this type of fiber may help to improve symptoms of constipation. Foods to include are:

- Oats
- Barley
- Psyllium and ispaghula
- Nuts and seeds
- Fruit and vegetables
- Beans and pulses

Whole grains (for example, wholemeal bread, brown rice and wholewheat pasta) may also help with constipation. Although increasing fiber may help to improve symptoms, it may also generate gas and cause pain and bloating. Monitoring is important to help identify this and to adjust your fiber intake according to your symptoms.

If fiber intake is suddenly increased, this can cause symptoms of wind and bloating. Introduce high-fiber foods gradually to allow the gut to become used to the extra fiber. Introduce one new food over a two- to three-day period and monitor any symptoms. For example, have porridge for breakfast on the first day; then add beans or extra vegetables to a casserole two days later; then maybe have an extra piece of fruit two to three days later.

# **Drink plenty**

Fiber needs water, so aim to drink at least 8-10 cups of water daily or other fluids such as herbal teas or sugar-free squash. People with diarrhea will need to make sure they are replacing these lost fluids. Drinking water will also help to improve constipation.

# Include golden linseeds

Including these in the diet may improve symptoms of wind, bloating, constipation and diarrhea. They are a source of insoluble and soluble fiber. They can be added to casseroles, stews, soups, porridge, cereals, yogurts and desserts. Include one tablespoon each day.

# **Reduce fatty foods**

Some people find that fatty foods are difficult to digest and can cause symptoms of diarrhea; therefore, reducing fat in the diet may help:

- Limit cakes, biscuits, chocolates and pastries.
- Cut down on fatty meat products such as sausages, pies and pasties.
- Use lower-fat dairy products for example, low-fat yogurt, cottage cheese, semiskimmed milk.
- Choose tomato-based sauces rather than creamy sauces although some tomato sauces can be oily so check the label.
- Use small amounts of cheese (a matchbox size is a portion) stronger-flavored cheeses may help you to use less.
- Take care when using dressings and sauces such as mayonnaise and salad cream. Use small amounts and try the reduced-fat versions.
- Cut off visible fat from meat and choose leaner cuts of meat.
- Use minimal oil/butter when cooking (use an oil spray, or measure using one teaspoon of oil per person, per meal).
- Try different cooking methods such as steaming, boiling, microwaving, grilling and poaching rather than frying.

#### **Reduce fructose**

Fructose can cause diarrhea in some people, particularly when eaten in large quantities. Sometimes fructose is not well absorbed; it can draw water from the body into the bowel, causing osmotic diarrhea. If fructose is not well absorbed, it is fermented in the colon and gases are produced, causing wind and bloating in some people with IBS.

Try limiting fruit intake to no more than three portions each day. Only have one small glass (150 ml) of fruit juice per day. Having more vegetables will help to meet the recommendation of at least five portions of fruit and vegetables each day. A portion is about 80 g, or what might fit in the palm of your hand. A portion of dried fruit is about one tablespoon.

It might be useful to limit honey, which contains fructose. Sometimes 'high-fructose corn syrup' or 'corn syrup solids' are added to processed foods, so try avoiding or limiting these. Check the labels for these ingredients.

# Avoid sorbitol

Sorbitol is poorly absorbed and has a laxative effect when it enters the colon, so this can cause symptoms of bloating and diarrhea. People with IBS may be sensitive to smaller amounts of sorbitol.

Sorbitol is found in artificial sweetener, low-sugar sweets, drinks, mints and gum and often found in diabetic or slimming products. Also check the labels of these products for mannitol and xylitol, which have a similar effect.

# Try probiotics

Probiotics may be useful in improving symptoms of IBS, although they do not work for everybody. Probiotics can help to balance our gut bacteria. The 'good' bacteria in probiotics compete with 'bad' bacteria for space in the gut. This means that there are fewer 'bad' bacteria, making it a healthier gut environment. This can help with digestion and to improve symptoms of wind, bloating and diarrhea.

There are a number of probiotic products available, including yogurts, drinks and supplements such as tablets, capsules or sachets. Some examples are Yakult®, Activia® and Actimel®. Probiotics need to be taken in the recommended dose every day for at least four weeks. Monitoring symptoms can help to identify any benefit. Other brands contain different mixtures of bacteria, so trying a different product may help if there is no success with one particular brand.

#### Step three – elimination diets

Some people find that even after making these dietary changes, their symptoms are still not improving. Avoidance of single foods or following elimination diets might have some benefit for people with IBS. Such dietary regimes should only be followed with the guidance of a dietician.

#### **Food intolerance**

Some people with IBS may have a <u>food intolerance</u>. Some food intolerances, such as lactose, can be diagnosed with a hydrogen breath test, which can be arranged by a doctor. Other food intolerances can be identified by following a diet that excludes suspected foods.

If it is thought that particular foods are causing symptoms, a dietician may advise you to exclude these foods for a certain time period. This is to monitor whether symptoms improve when these foods are taken out of the diet. After this time period (usually 2-4 weeks) the foods are gradually re-introduced to see if symptoms come back. Common intolerances include lactose (found in milk and dairy products), wheat (found in bread, cereals and pasta) and caffeine (found in tea, coffee or cola).