

## Gastroesophageal reflux disorder diet: Foods to eat and avoid for acid reflux relief.

Marcelo Chen\*

Division of Immunology, Department of Rheumatology, Boston Children's Hospital, USA

### Introduction

Gastroesophageal reflux disorder (GERD) is a chronic condition where stomach acid flows back into the esophagus, leading to symptoms such as heartburn, regurgitation, and discomfort. Managing GERD often involves a combination of medication and lifestyle changes, with dietary adjustments playing a crucial role. The right diet can help minimize symptoms and improve quality of life for those suffering from GERD. Understanding which foods to eat and which to avoid is essential in managing this condition effectively [1].

A GERD-friendly diet focuses on incorporating foods that are less likely to trigger reflux and avoiding those that can aggravate symptoms. Foods that are generally safe for individuals with GERD include lean proteins, whole grains, fruits, and vegetables. Lean proteins such as chicken, turkey, fish, and tofu are less likely to cause reflux compared to high-fat meats like beef and pork. Cooking methods are also important; grilling, baking, steaming, and poaching are preferable to frying, which can increase the fat content of foods and exacerbate GERD symptoms [2].

Whole grains like oatmeal, brown rice, and whole wheat bread are beneficial for people with GERD. These foods are high in fiber, which can aid digestion and help prevent reflux. Oatmeal, in particular, is an excellent breakfast option as it is filling and less likely to cause reflux. Additionally, whole grains do not trigger stomach acid production as some processed grains might, making them a safer choice for individuals with GERD [3].

Fruits and vegetables are essential components of a GERD-friendly diet, but it's important to choose them wisely. Non-citrus fruits such as bananas, melons, apples, and pears are typically well-tolerated and less likely to cause acid reflux. Bananas, for example, have a natural antacid effect and can help neutralize stomach acid. Melons like cantaloupe and honeydew are also low in acid and can be soothing to the esophagus [4].

Vegetables are generally safe for individuals with GERD, but it's best to avoid those that can cause gas and bloating, such as onions, garlic, and certain cruciferous vegetables like broccoli and cauliflower. Instead, opt for green beans, carrots, spinach, and zucchini, which are less likely to cause discomfort. Cooking vegetables thoroughly can also make them easier to digest and reduce the risk of reflux [5].

Dairy products can be a tricky area for people with GERD. While some individuals may tolerate low-fat or fat-free dairy products, others may find that even these can trigger symptoms. It's best to experiment with small amounts and see how your body responds. Low-fat or non-fat yogurt, milk, and cheese can be safer options compared to their full-fat counterparts. Additionally, plant-based milk alternatives such as almond milk, soy milk, and oat milk can be good substitutes, as they are often lower in fat and less likely to cause reflux [6].

Spicy foods are common triggers for acid reflux and should be consumed with caution. Foods containing hot peppers, chili powder, and other spices can irritate the esophagus and increase the production of stomach acid. If you enjoy spicy foods, consider using milder spices and herbs to add flavor to your meals without causing discomfort [7].

Citrus fruits and juices are highly acidic and can exacerbate GERD symptoms. Oranges, grapefruits, lemons, and limes, along with their juices, should be avoided or consumed in very small amounts. These fruits can increase stomach acid production and irritate the esophagus. Instead, opt for non-citrus fruits that are less likely to cause reflux [8].

Tomatoes and tomato-based products are also common triggers for acid reflux due to their high acidity. This includes fresh tomatoes, tomato sauce, ketchup, and salsa. These foods can irritate the esophagus and increase acid production. Choosing alternatives like low-acid tomato products or using other vegetables in recipes can help manage GERD symptoms [9].

Caffeine is another common culprit in worsening GERD symptoms. Beverages like coffee, tea, and soda can relax the LES and increase acid production. If you are a coffee or tea drinker, consider switching to decaffeinated versions or herbal teas that do not contain caffeine. Carbonated beverages can also cause bloating and put pressure on the LES, so it's best to avoid them as well. Mint and mint-flavored products, such as peppermint and spearmint, can relax the LES and should be avoided. While mint is often used to soothe the stomach, it can have the opposite effect for individuals with GERD by allowing stomach acid to flow back into the esophagus. Opt for other flavors and herbs that do not trigger reflux [10].

### Conclusion

Managing GERD through diet involves understanding which foods to eat and which to avoid. By incorporating lean

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\*Correspondence to: Marcelo Chen, Division of Immunology, Department of Rheumatology, Boston Children's Hospital, USA. E-mail: marcelo@bch.us.co

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proteins, whole grains, non-citrus fruits, and carefully selected vegetables, and by avoiding high-fat foods, spicy foods, citrus, tomatoes, caffeine, alcohol, chocolate, and mint, individuals with GERD can significantly reduce their symptoms. Adopting healthy eating habits, such as eating smaller meals, avoiding late-night eating, and staying hydrated, can further help manage this chronic condition and improve quality of life.

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