



**C**  
**Vitamin C**

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# INTRODUCTION

- Vitamin C, or L-ascorbic acid, is a water-soluble essential vitamin. It is a very popular dietary supplement due to its antioxidant properties, safety, and low price.

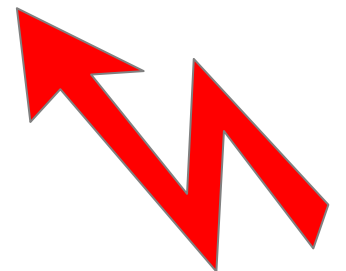
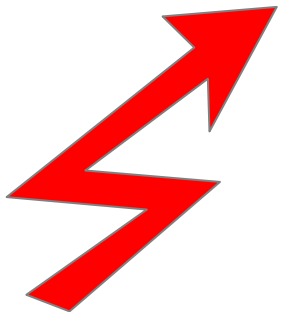




# IMPORTANCE



Vitamin C has a range of functions in the body, are among the most important collagen formation, which is a substance necessary for bones, ligaments, tendons, muscles, skin, and blood vessels. Therefore, appropriate levels of ascorbic acid are necessary, for example, for proper wound healing.



# Vitamin C

Cure for the common cold

Protection against immune system deficiencies

Prevents cardiovascular disease

Maintains Healthy Skin & Wrinkling

Important for Eye Health

Prevents cancer and stroke

Essential for the body to make collagen

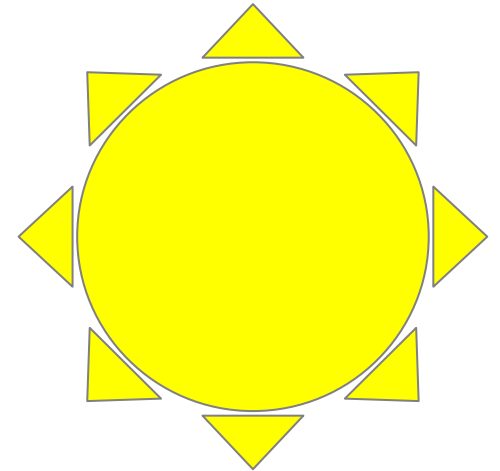
## Food High In Vitamin C:

Papaya, Cantaloupe, Bell Peppers, Brussel Sprouts, Guavas, Kiki fruit, Strawberries, Oranges, Broccoli, Pineapple, Kale, Red & Green Chili Peppers, Fresh Herbs, Cauliflower, Berries, Pineapple.

# SOURCES

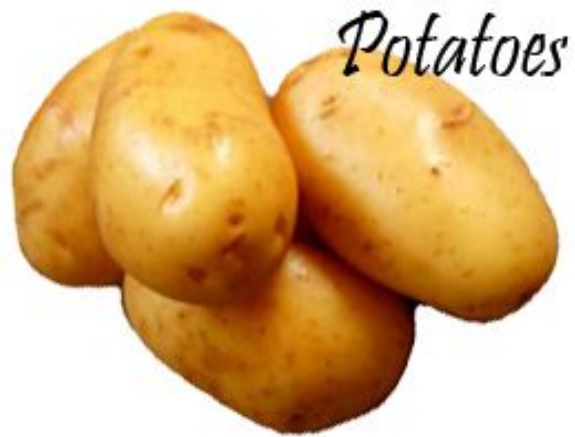
Vitamin C is available in abundance in many natural sources, including fresh fruits and vegetables. The richest sources include:

- Indian gooseberry (700 mg/100 g)
- citrus fruits, such as limes, oranges and lemons
- tomatoes and tomato juice
- potatoes
- green and red peppers
- kiwifruit, strawberries and cantaloupes
- green leafy vegetables such as broccoli
- fortified cereals



Vitamin C content in food is reduced by cooking, as well as during long periods of storage. Cooking losses may be lowered by steaming or microwaving.

It is suggested that a daily intake of about 90 mg of vitamin C for males and 75 mg for women.



Potatoes



Cherries



Kale



Pineapple



Strawberries



Citrus Fruits



Kiwi



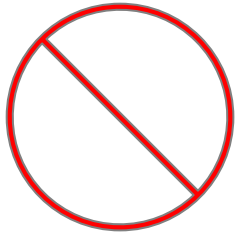
Blackcurrants



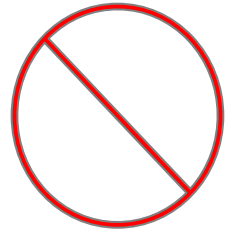
Cauliflower

# TEN SYMPTOMS OF VITAMIN C DEFICIENCY

1. EASY BRUISING
2. BLEEDING GUMS
3. TIREDNESS
4. TROUBLE FIGHTING INFECTIONS
5. RAPID MOOD CHANGES
6. IRRITABILITY
7. DRY HAIR AND SKIN
8. MUSCLE & JOINT PAIN
9. POOR HEALING WOUNDS
10. TOOTH LOSS



# Poisoning by vitamin C



Since Vitamin C is a water soluble vitamin, its excess is easily removed from the body by the kidneys. People who take daily vitamin C tablets, eliminate most of this in the urine.

Doses up to 1.5 grams per day do not usually cause effects. From 2 grams per day, the patient may have cramps, diarrhea and excess gas.



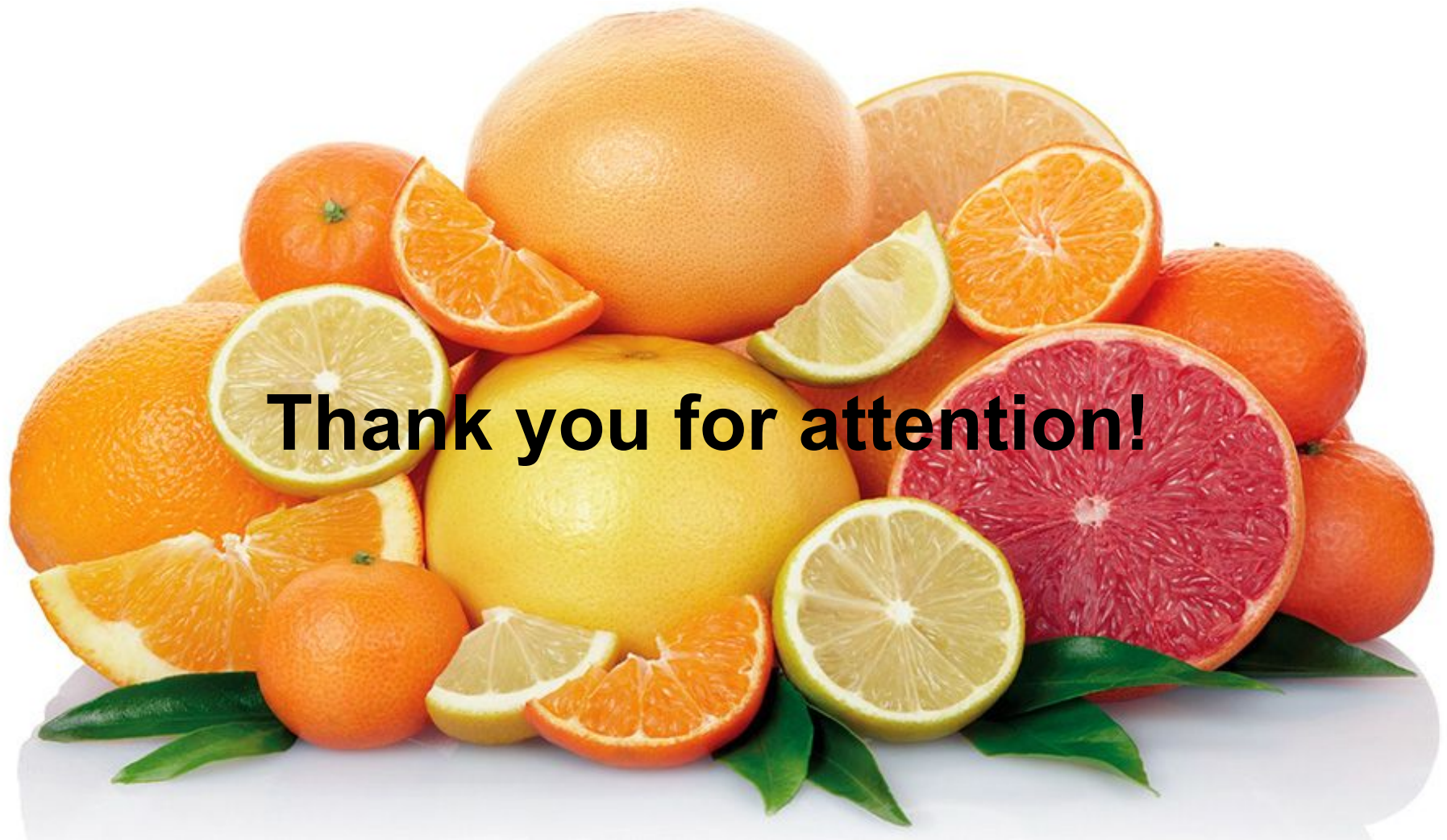


# CONCLUSION

Vitamin C is one of the most important vitamin for people, because of it has a lot of benefits:

- Improves the immune system
- Reinforcing the body
- Protecting the blood vessels
- Protecting the eyes, skin, heart





**Thank you for attention!**