

Short Communication

PROPER CONCENTRATION OF URINE NITRATES IS NECESSARY FOR HUMAN HEALTH

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ARTICLE INFO

Received 1 February 2020

Revised 12 March 2020

Accepted 14 August 2020

Keywords:

- Nitrite in urine,
- Perfume allergy,
- Antibiotics and urinary infection.

ABSTRACT

Nitrite present in our urine called urinalysis. When bacteria enter in the urine system it change the chemical reaction and convert nitrate into nitrite. Painful urination, urine having badly smell, fatigue and weight loss are most common in it. High rate of white blood cell in urine indicates the infection. Only few persons in the world are allergic to perfumes and specific host chemicals because this infection caused by the effect of our immune system. When these allergens enter in our immune system it influence our T-lymphocytes and start reaction in body which start headache, irritation in eyes or nose, vomiting, dizziness and severe blockage in the respiratory track which cause more dangerous condition for asthma patients. 20% males have nitrite in their urine and have perfume allergy. 7% females have nitrite in their urine and show perfume allergy.

1. INTRODUCTION

Nitrite present in our urine called urinalysis. Nitrates are present normally in urine. When bacteria enter in the urine system it change the chemical reaction and convert nitrate into nitrite. This conversion indicates the infection in urinary track. It is more common in women. This disease is not so serious and can easily cure with antibiotics. By urine test, microscopic examination analysis we can test this disease. Painful urination, urine having badly smell, fatigue and weight loss are most common in it. High rate of white blood cell in urine indicates the infection.

Most common type of perfume allergy or skin allergy is contact dermatitis. Only few persons in the world are allergic to perfumes and specific host chemicals because this infection caused by the effect of our immune system. When these allergens enter in our immune system it influence our T-lymphocytes and start reaction in body which start headache, irritation in eyes or nose, vomiting, dizziness and severe blockage in the respiratory track which cause more dangerous condition for asthma patients. Sign marks can be cured in few days but in serious situation or avoiding to safe our self from long inhaling of these chemicals cause death (1-2).

2. MATERIAL AND METHODS

100 postgraduates of Bahauddin zakariya university, Multan, Pakistan are the member of this research.

2.1 Nitrite in urine

The level of nitrite in urine can be easily measured by urine test. It can also be identified by microscopic examination.

2.2 Project

Recent gauge shows interrelation between nitrite in urine and perfume allergy.

3. RESULT AND DISCUSSION

Total 20% males have urine nitrite and it shows perfume allergy. 45% males have no urine nitrite and shows perfume allergy. 2.5% males have urine nitrite and it don't shows perfume allergy. 32.5% males have no urine nitrite and don't shows perfume allergy. 7% females have urine nitrite and it shows perfume allergy. 58% females have no urine nitrite and shows perfume allergy. 7% females have urine nitrite and it don't shows perfume

allergy. 28% females have no urine nitrite and don't shows perfume allergy (3-11).

Table 1: Shows interrelation between nitrite in urine and perfume allergy.

Gender	Perfume Allergy		Don't have perfume allergy	
	Nitrite in urine	No Nitrite in urine	Nitrite in urine	No Nitrite in urine
Male	20%	45%	2.5%	32.5%
Female	7%	58%	7%	28%

4. CONCLUSION

20% males have nitrite in their urine and have perfume allergy. 7% females have nitrite in their urine and show perfume allergy [12-15].

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