

Leucocytes Proper Concentration in Urine is Necessary for Good Human Health

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Abstract: Leukocytes and white blood cells are the part of our blood stream. It involves in our immune system that's why when its level increases it cause infection. The most common symptoms are burning during urination, smelly urine, pelvic pain, nausea and vomiting. Sometimes stone in kidney or pelvis block the way and cause this infection. Some people have asthma problem. They are much sensitive than others when they inhale many chemicals and ornaments are passed through there respiratory track which cause serious infection. Preventions and awareness is the main control in this allergy. People have to co operated with others and try to use products which have less allergic chemicals. 15% males and females have urine leukocytes and show perfume allergy.

Keywords: leukocytes, perfume allergy, immune system and kidney blockage.

1. INTRODUCTION

Leukocytes and white blood cells are the part of our blood stream. It involves in our immune system that's why when its level increases it cause infection. Leukocytes are also present in our urine. When leukocytes increase in the urinary track it cause infection in kidney. This situation is more complex in pregnancy because it creates UTIs problem. The most common symptoms are burning during urination, smelly urine, pelvic pain, nausea and vomiting. If you hold urine for long time it creates bacterial infection in your bladder. Continuous holding of urine cause the increase of leukocytes in your body. Sometimes stone in kidney or pelvis block the way and cause this infection.

Some people have asthma problem. They are much sensitive than others when they inhale many chemicals and ornaments are passed through there respiratory track which cause serious infection. Mostly daily used products like fragrances, soaps and other products have particles which when exposed with human it cause reaction and show sign marks like difficulty in breathing, headache, watery eyes and nose, dizziness and vomiting. This problem is much common in the whole world. Preventions and awareness is the main control in this allergy. People have to co operated with others and try to use products which have less allergic chemicals (1-2).

2. MATERIAL AND METHODS

100 subjects of Bahauddin zakariya university, Multan, Pakistan partake in this research.

2.1. Leukocytes in Urine

Different strips are used to detect urine leukocytes. We dip strip in urine and compare the color change with the kit colors present in a test kit.

2.2. Project

Present design shows association between perfume allergy and urine leukocytes.

3. RESULT AND DISCUSSION

Total 15% males have urine leukocytes and it shows perfume allergy. 45% males have no urine leukocytes and shows perfume allergy. 12.5% males have urine leukocytes and it don't shows perfume allergy. 27.5% males have no urine leukocytes and don't shows perfume allergy. 15%

females have urine leukocytes and it shows perfume allergy. 67.25% females have no urine leukocytes and shows perfume allergy. 0% females have urine leukocytes and it don't shows perfume allergy. 17.75% females have no urine leukocytes and don't shows perfume allergy (3-11).

Table1. Shows association between perfume allergy and urine leukocytes

Gender	Perfume Allergy		Don't have perfume allergy	
	Leukocytes in urine	No Leukocytes in urine	Leukocytes in urine	No Leukocytes in urine
Male	15%	45%	12.5%	27.5%
Female	15%	67.25%	0%	17.75%

4. CONCLUSION

15% males and females have urine leukocytes and show perfume allergy.

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Citation: Saira Kousar, Muhammad Imran Qadir, "Leucocytes Proper Concentration in Urine is Necessary for Good Human Health", *International Journal of Research Studies in Biosciences*, 8(6), pp. 1-2. DOI:<https://doi.org/10.20431/2349-0365.0806001>

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