

## Is There Any Relation of Leukocytes in Urine with Headache in Tension?

**Muhammad Imran Qadir and Afshan Saleem\***

*Institute of Molecular Biology and Biotechnology, Bahauddin Zakariya University, Multan, Pakistan*

**\*Corresponding Author:** Afshan Saleem, Institute of Molecular Biology and Biotechnology, Bahauddin Zakariya University, Multan, Pakistan.

**Received:** April 17, 2019; **Published:** May 21, 2019

**DOI:** 10.31080/ASMI.2019.02.0246

### Abstract

A headache may be there a symbol of stress or emotional pain, or it may be product from a medical issues, like depression, migraine, anxiety, or high blood pressure. Leukocytes, as well as called white blood cells, are an essential part of the immune system. They aid to defend the body against foreign particles, infectious diseases, and microbes. We perform a urine reagent strip test on all samples. This graphs show clearly that headache in tension and presence of leukocytes in urine is very minor relationship.

**Keywords:** White Blood Cell; Strip Test; Tension; Headache

### Introduction

Headaches are single of the mainly general medical complaints; many people knowledge them on a few situation in their life. They are able to change anybody in any case of race, age, and gender. A headache may be there a symbol of stress or emotional pain, or it may be product from a medical issues, like depression, migraine, anxiety, or high blood pressure [1]. It can guide to further problems. People among constant headaches, for example, can get it hard to focus job or school regularly. The worldwide headache society classify headaches like primary, while they be not cause by a further circumstance, or secondary, while there is a more fundamental cause.

Leukocytes, as well as called white blood cells, are an essential part of the immune system. They aid to defend the body against foreign particles, infectious diseases, and microbes. Leukocytes move all over the body, moving among the nodes and organs and monitoring every potentially sticky infections or germs. Symptoms of leukocytes in urine are, foul-smelling or cloudy urine, a burning sensation or pain while passing urine, frequent urination or the occurrence of blood in urine [2]. While this test is positive and white blood cells amount in urine is high, it can point out that here is swelling in the kidneys or urinary tract. The mainly general causes for white blood cells in urine are a bacterial urinary tract disease,

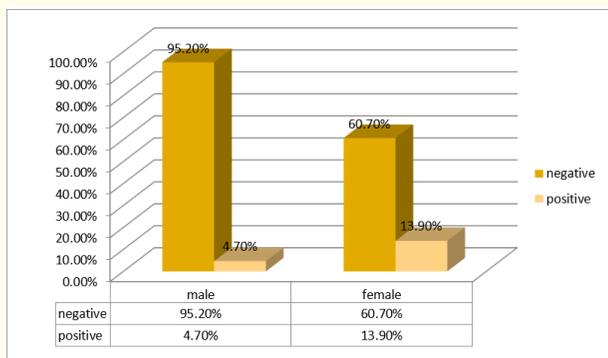
like a kidney infection or bladder. Urinary tract infection is a general disease [3].

### Materials and Methods

100 model of urine from the female and males gather. 21 samples of males and 79 samples of female collect. We do a dip stick test of urine on each sample. We get urine and wet the strip in the urine. After 30 second we get off the stripe from the sample and live it for aeration. After aeration we match up to the stripe with the amount which provides us with stripe. All values are specified on the scale. We note the leukocyte values on our register. Generally samples contain negative values except for some. We note down all the values for pile up the results.

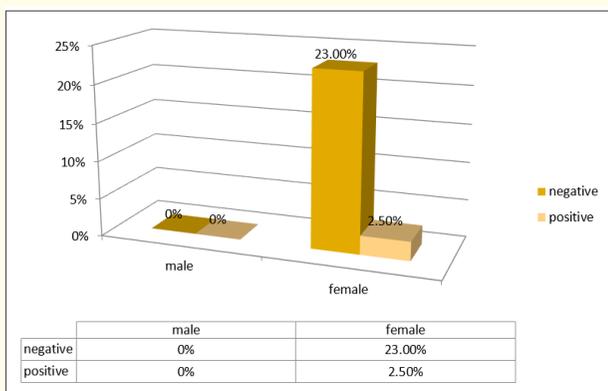
### Results and Discussion

In this study it is shown the relation of leukocytes which present in urine with the headache in tension. In first graph 95.2% of those males who have no leukocytes in their urine but they have headache in tension. 60.7% of females have no leukocytes in their urine but have headache in tension. 4.7% and 13.9% of male and female have a leukocyte in their urine respectively and also headache in tension. This graph shows clearly that headache in tension and presence of leukocytes in urine is very minor relationship.



**Graph 1:** Relationship of leukocyte in urine with headache in tension.

Second graph shows that male and female have never headache in tension, if leukocytes present in their urine or not. Only 23.0% of females have no leukocytes in their urine and no headache in tension.



**Graph 2:** Relationship of leukocytes in urine with no headache in tension.

### Conclusion

Presence of leukocyte in urine is very minor relation with the headache in tension. In above graphs show clear result that have headache in tension but leukocyte is not present in their urine. Very minor people show leukocyte in their urine with headache in tension but we no say that there is relationship between them. May be some other factors are involve.

### Bibliography

1. Fisher H. "A new approach to emergency department therapy of migraine headache with intravenous haloperidol: a case series". *The Journal of Emergency Medicine* 13.1 (1995): 119-122.
2. Schaeffer AJ, et al. "Leukocyte and bacterial counts do not correlate with severity of symptoms in men with chronic prostatitis: the National Institutes of Health Chronic Prostatitis Cohort Study". *The Journal of Urology* 168.3 (2002): 1048-1053.
3. Manoni F, et al. "Cutoff values for bacteria and leukocytes for urine flow cytometer Sysmex UF-1000i in urinary tract infections". *Diagnostic Microbiology and Infectious Disease* 65.2 (2009): 103-107.

### Volume 2 Issue 6 June 2019

© All rights are reserved by Muhammad Imran Qadir and Afshan Saleem.