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Research Protocol

Is There Any Interaction of Urine Leukocytes with Body Sweating?

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Abstract

White blood cells are leukocytes. A simple blood test, called a Complete Blood Test (CBC), measures the number of leukocytes or white blood cells. We know that white blood cells are part of the immune system that tackles this disease, and high levels of white blood cells causes an infection. The reason of present survey was to find interaction between urine leukocytes level and body sweating. Nearly 100 individuals were contributed in present survey. For Urine Analysis Take urine from the person and dip the urine analysis strip into the urine. Now observe with naked eye and note the reading of strip. Whether it is; positive or negative. A survey was set to find any type of scientific relation between body sweating and urine leukocytes. It was concluded from results that body sweating is not associated with urine leukocytes.

Keywords: Urine Leukocytes; Body Sweating; Urine; Interaction

Introduction

White blood cells are leukocytes. A simple blood test, called a Complete Blood Test (CBC), measures the number of leukocytes or white blood cells. We know that white blood cells are part of the immune system that tackles this disease, and high levels of white blood cells causes an infection. There are white blood cells in urine, but high urine levels show white blood cell infection, which means you have a urinary tract infection and white blood cells protect your body.

Sweating is simply defined as the mass of water escaping from the body. Body temperature is regulated by sweat. The result of exercise and sweat exercise helps to eliminate body fat. Perspiration causes skin problems that cause itching, burning and itching. It can wet our hair. Excessive sweating can cause water shortage and may increase the risk of heart disease and diarrhea. Sweating is caused by changes in hormone level and blood flow during pregnancy. Some bacterial infections cause tuberculosis, sweating. Stress and anxiety are the main causes of sweating. Men produce more sweat than women, but women have more sweat than men. Sweat is colorless and tasteless. There are 2 to 5 million sweat glands in the body.

The reason of present survey was to find interaction between urine leukocytes level and body sweating.

Materials and Method

Nearly 100 individuals were contributed in present survey.

For Urine Analysis Take urine from the person and dip the urine analysis strip into the urine. Now observe with naked eye and note the reading of strip. Whether it is; positive or negative.

A survey was set to find any type of scientific relation between body sweating and urine leukocytes.

Statistical analysis

Percentage was calculated to find any type of scientific relation between body sweating and urine leukocytes.

Result and Discussion

Association between body sweating and urine leukocytes is given in table 1.

Urine leukocytes	Body sweating (Females)	No body Sweating (Females)	Body sweating (Males)	No body sweating (Males)
-Ve	45%	27%	11%	9%
+Ve	1%	3%	2%	2%

Table 1: Percentage between body sweating and urine glucose.

It was calculated from the table that 45% females suffering from body sweating had negative values for urine leukocytes but 1% had positive values. And 27% females not suffering from body sweating had negative values for urine leukocytes but 3% had positive values.11% males suffering from body sweating had negative values for urine leukocytes but 2% had positive values. And 9% males not suffering from body sweating had negative values for urine leukocytes but 2% had positive values [1-7].

Conclusion

It was concluded from results that body sweating is not associated with urine leukocytes.

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