

Interconnection between Blood Glucose and Freckles

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Abstract

The aim of the present study was to correlate between blood glucose level and freckles. Blood glucose level is tested by a meter called glucometer. Total of 146 students includes in this performance study which we question about their blood glucose level. During the sampling we made a connection between blood glucose level and freckles. These colleagues are an undergraduate student at Bahauddin Zakariya University.

Keywords: Sugar, Dark Spot, Melanin

Introduction

The presence of sugar in the blood of humans and animals is called blood glucose level. Glucose is stored in the liver and the muscles. Glucose level is lowest in the morning after eating 1 or 2-time glucose level is increased. Drugs can also increase or decrease the blood glucose level. Alcohol can cause the initial stage of sugar. Hyperglycemia is the high level of blood glucose. Low level of blood sugar is called hypoglycemia. Glucose is the initial source of energy in humans and is extremely important for normal function. Having too much glucose can cause a serious problem. Diabetes is caused by high blood sugar level. Blood carries all blood glucose from the body and uses it for energy. When you don't have diabetes or your blood sugar level some time too high or low .you have to check their sugar level or take the medicine you can need or follow a special diet.

Freckle can be caused by naturally not harmful. Freckles can appear on the face or sometimes arms or shoulder exposed to the sun. Freckles are a small town or light brown spot on the skin. Freckles are just skin cells, not any health problem. Freckles caused by skin pigment called melanin. Melanin release exposure to sunlight called melanocyte.

Materials and Method

For checking blood glucose level there are following procedure required. In the first step wash your hand with hot water. This increase the blood flow level in hands. Take a glucometer for testing and place the test strips into the meter and confirm that these strips are for your meter. Take a needle or use a lance prick to the side of the finger for getting a drop of blood. This is less painful for getting blood. And then put a blood finger on the test strip to check blood glucose level. Insert strip onto the meter. Read blood glucose level on meters screen [1-6].

Project Design

During the testing of blood glucose level, we made a performance related to blood glucose level and freckles. Total of 146 students included in this performance to which we questioned about their blood glucose level.

Statistical analysis

We use MS Excel software which we fulfilled the statistical analysis. We use T-test to acquire the result $p < 0.05$ was to be significant.

Result and Discussion

GENDER	HAVING FRECKLES	NOT HAVING FRECKLES	P-VALUE
MALE	88.95±18.05	90.59±7.26	0.6
FEMALE	90.46±7.53	90.93±6.33	0.7
BOTH	87.700±17.24	89.94±6.74	0.7±0.8

The result is non-significant because p-value is greater than 0.05.

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