



GRAPES LIKELINESS IN REFERENCE TO KETONES IN THE URINE

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ABSTRACT

The goal of this recent project is to check the relation between liking of grapes and ketone in the urine. A total of 100 participants took part in this project in which twenty are males while 80 subjects are females. There are different methods to check the ketones in urine. Grapes are found in different colors and shapes for example they are found in red, green, purple and pink. Grapes are grown in many countries and throughout the world 800 varieties and sixty species are found. One method is used to chemical strips to check the presence of ketones in the urine. Firstly patients washed their hands then sterilized the genital area by using cleansing pad. Patient took urine in the small bottle then checked with tests strips. Strip is dipped in the urine for 2 to 3 seconds then dried in open air for 1 minute. After 1 minute the strip of sample is compared with color chart. It is cleared that high percentage of female that like the grapes and have not ketone in their urine while small number of male dislike the grapes and have not ketone in their urine. It is observed from results is that there is no clear scientific relation between liking of grapes, not liking of grapes and ketone in urine.

Keywords: Ketone in urine, Grapes likeliness, Test strips, Diabetes, Eye diseases

INTRODUCTION

Ketone is a substance that is produced by the breakdown of fat for the purpose of energy when our body cannot get sufficient glucose

for energy then our body breaks the fat due to which ketone is produced. Then this ketone is manifested in urine and blood. If urine

contains large amount of ketones then it is the indication of diabetic ketoacidosis which is a complex stage of diabetes that can lead to coma or eventually death. So different test are performed to detect the ketones in the urine if ketone is in very small concentration then you should take treatment. Presence of ketones in urine can give two aspects that if ketone is present in the urine of in diabetic patient then it means that patient is not taking insulin while in non diabetic patient presence of ketones in their urine is due to chronic vomiting, digestive disorder, hard exercise and diarrhea. The symptoms associated with presence of ketones in urine are nausea, confusion, difficulty in breathing and feeling sleepy. Presence of ketones in urine can lead to serious condition. If normal glucose is present in the body while ketone is also present it means something dangerous (1-4).

Grapes are found in clusters and used as a fruit and making wines. Grapes belong to vitaceae family. The grapes are very beneficial and economical for farmers. Grapes are liked by mostly peoples because grapes have many beneficial aspects. Sometimes grapes are mixed for sweetness and sour. When you eat more grapes then you are more addicted to them. Grapes are very easy to eat because there is no to peel their skin, only wash it and eat them. Like

other fruits grapes are full of minerals and vitamins. Grapes are found in different colors and shapes for example they are found in red, green, purple and pink. Grapes are grown in many countries and throughout the world 800 grapes varieties and sixty species are found (5, 6). Grapes are rich source of nutrients such as resveratrol that is used against cancer and eye diseases. Due to their sweetness and flavor they are used in salads and sandwiches. Grapes are beneficial for human health. Grapes are used for different goals such as for making wines, jams and jellies. Grapes are may be seedless and can contain seeds. Grapes almost 71 % production is utilized to synthesize wines.

The goal of this recent project is to check the relation between liking of grapes and ketone in the urine (7, 8).

MATERIALS AND METHODS

Urine Dipsticks test

There are different methods to check the ketones in urine. One method is used to chemical strips to check the presence of ketones in the urine. Firstly patients washed their hands then sterilized the genital area by using cleansing pad. Patient took urine in the small bottle then checked with tests strips. Strip is dipped in the urine for 2 to 3 seconds then permitted to dry in open air for 1

minute. After 1 minute the strip of sample is compared with color chart.

Project design

A total of 100 participants took part in this project in which twenty are males while 80 subjects are females. A questionnaire was prepared and provided to each subject. Firstly done their urine test and observed the ketones in their urine. We took their opinion and wrote them in the questionnaire.

RESULTS AND DISCUSSION

Table 1 indicates the connection of liking grapes with ketone in urine in both male and female. It is cleared from the table 1 that almost 19% male like the grapes and have not ketone in their urine and no male is present that like grapes and have ketone in their urine. While in case of female almost 68% female like the grapes and they have not ketone in their urine. And similarly like the

male, there is no one female that like grapes and have ketone in their urine.

Similarly table 2 shows ketones in the urine and not liking of grapes in both males and females. Almost 1 % male that not like the grapes have not ketones in their urine and 0% male and female that not like grapes and have ketone in their urine. While almost 10% female that not like the grapes and have not ketone in the urine.

Similarly table 2 shows ketones in the urine and disliking of grapes. Almost 1 % male that dislike the grapes have not ketone in their urine while almost 10% female dislike the grapes and have not ketone in the urine.

It is cleared that high percentage of female that like the grapes and have not ketone in their urine while small number of male dislike the grapes and have not ketone in their urine.

Table 1: The Connection between ketone in urine and liking of grapes

Gender	Ketone present in urine%	Ketone not present in urine%
Male	0	19
Female	0	68

Table 2: The Connection between ketones in urine and not liking of grapes

Gender	Ketone present %	Ketone not present%
Male	0	1
Female	0	10

CONCLUSION

It is observed from results is that there is no clear scientific relation between liking of grapes, not liking of grapes and ketone in urine.

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