

RESEARCH ARTICLE**Association of urobilinogen with orange**

Asad Iqbal*, Ayesha, Syed Bilal Hussain, Muhammad Imran Qadir

*Institute of Molecular Biology and Biotechnology, Bahauddin Zakariya University, Multan, Pakistan***Received on: 30 May 2022; Revised on: 27 June 2022; Accepted on: 10 July 2022****ABSTRACT**

If someone have urobilinogen association with orange then he/she use orange and citrus in high quantity target was to achieve the evaluation between orange and urobilinogen. Number of subjects was 80 who participated in this study. In this study, both males and females took part. Those all were the students. Urobilinogen was checked by the urinalysis. In this process, we took a paper strip which can change the color due to the concentration of the sample. This strip was dip into the sample of the urine and noted the change in color and also the urobilinogen in the urine. Result shows that in one case, males were affected with urobilinogen while in other case, females were affected with urine urobilinogen.

Keywords: Orange, Urine sample, Urobilinogen**INTRODUCTION**

About half the urobilinogen formed is reabsorbed also occur up through the doorway vein to the liver, enters circulation also is excreted by the kidney. Urobilinogen is a colorless by product of bilirubin depletion. In the intestines, it is formed by bacterial action on bilirubin. Which generates enlarge urobilinogen in the gut increased amounts of bilirubin are formed in hemolysis, the urobilinogen in the intestine is straight lessen to brown stercobilin, which gives their feature color the feces. It can also be lessen to stercobilinogen, which can then be additionally oxidized to stercobilin. In liver disease, the intrahepatic urobilinogen cycle is inhibited also increasing urobilinogen levels. Urobilinogen is changed to the yellow pigmented urobilin apparent in urine.^[1,2]

An orange a day can assist our look young even at 50 remain blood pressure down check oranges, being rich in Vitamins B6, assist support the production of hemoglobin also, and assist keep blood pressure down check required to the existence of magnesium.

Stops integument harm anti-oxidants in oranges assist save integument from free radical harm known to source signs of aging.^[3,4] If someone have urobilinogen association with orange, then he/she use orange and citrus in high quantity.

MATERIALS AND METHODS

Urobilinogen in the urine were checked by the urinalysis. In this process, we took a paper strip which can change the color due to the concentration of the sample. This strip was dip into the sample of the urine and noted the change in color and also the urobilinogen in the urine.

Questionnaire was according to the correspondence between orange and the urobilinogen. Number of subjects was 80 who participated in this study. In this study, both males and females took part. Those all were the students.

RESULTS AND DISCUSSION

Correspondence of dust allergy with urine urobilinogen is given in this Table 1. The subjects who participated in this project were the students in which males and females both were included in the

***Corresponding Author:**

Asad Iqbal

E-mail: asadiqbal1214@icloud.com

Table 1: Correspondence of orange with urobilinogen

Gender	Orange with positive result	Orange with negative result
Male	15%	0%
Female	76%	3%

study. In this study, the percentage of males who were afflicted with orange and also urobilinogen were present in their urine is males 15% and that of females is 76%, which means that females were more affected in this case. While on the other hand, the percentage of females in which they have orange dislike but have negative results of urobilinogen in the urine is 3%. In this case, males were not affected. [5-10]

CONCLUSION

Result showed that in one case, males were low affected with urobilinogen while in other case, females were more affected with urobilinogen.

REFERENCES

1. Qadir MI, Malik SA. Comparison of alterations in red blood cell count and alterations in hemoglobin

concentration in patients suffering from rectal carcinoma undergoing 5-fluorouracil and folic acid therapy. *Pharmacologyonline* 2010;3:240-3.

2. Qadir MI, Noor A. Anemias. In: *Rare and Uncommon Diseases*. Newcastle, England: Cambridge Scholars Publishing; 2018.
3. Qadir MI, Javid A. Awareness about Crohn's disease in biotechnology students. *Glob Adv Res J Med Med Sci* 2018;7:62-4.
4. Qadir MI, Saleem A. Awareness about ischemic heart disease in university biotechnology students. *Glob Adv Res J Med Med Sci* 2018;7:59-61.
5. Qadir MI, Ishfaq S. Awareness about hypertension in biology students. *Int J Mod Pharma Res* 2018;7:8-10.
6. Qadir MI, Mehwish M. Awareness about psoriasis disease. *Int J Mod Pharm Res* 2018;7:17-8.
7. Qadir MI, Shahzad R. Awareness about obesity in postgraduate students of biotechnology. *Int J Mod Pharm Res* 2018;7:14-6.
8. Qadir MI, Rizvi M. Awareness about thalassemia in post graduate students. *MOJ Lymphol Phlebol* 2018;2:14-6.
9. Qadir MI, Alvi GB. Awareness survey about colorectal cancer in students of M. Phil biotechnology at Bahauddin Zakariya university, Multan, Pakistan. *Nov Appro Can Study* 2018;1:NACS.000514.
10. Qadir MI, Ghafoor S. Awareness about intestinal cancer in university student. *Nov Appro Can Study* 2018;1:NACS.00051.