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INTER-RELATION OF CARTOON WATCHING WITH SPECIFIC GRAVITY IN URINE

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ABSTRACT

If someone is interested in cartoon watching then there will be some chances to be relate with specific gravity by changing the value .The main motive of the study was to interconnect cartoon watching with urine specific gravity. Urine specific gravity is the measurement of amount of solutes in the urine. It measures the water and urine density and also gives information on the ability of kidney to concentrate urine. Dehydration, over hydration, heart failure all are the conditions of specific gravity test. Osmolality test are sometimes used to evaluate how the kidneys dilute and concentrate urine. There were about 100 students involved in this research. All of them were the students of Bahauddin Zakariya University Multan. They were between the ages of 19-22. They shared their point of views about the affection and distest of cartoon watching.

Key Words: *Cartoons, Specific gravity, fantasy, fiction, Health problems, Urine.*

INTRODUCTION

Urine specific gravity is the measurement of amount of solutes in the urine. It measures the water and urine density and also gives information on the ability of kidney to concentrate urine. And the urine specific gravity measurement is a routine test of urinalysis. The Specific density of water would be 1.000. The urine specific gravity should between 1.002 or 1.030 in the case of your kidneys are functioning normally. Above 1.010 of specific gravity can cause dehydration. The higher it is the more dehydrated one must be. The purpose of the kidneys is to filter your blood and maintain electrolyte balance. urine specific gravity test is a fast way to tell if your kidneys are trying to compensate for some abnormality. Dehydration, overhydration, heart failure all are the conditions of specific gravity test. The healthcare provider may ask you to do a few things to prepare for it before you take a urine specific gravity test. They'll order to stop taking any medication and also the foods such as those containing sucrose or dextran. Beets, black berries and some carrots are avoided. Firstly a sample for a urine specific gravity test is taken. you should use an antibacterial wipe to clean the area around your urethra. Urinate and then place the cup under your urine stream. Urinate until a large enough sample, and then finish urinating into the toilet. This is known as midstream method. Your healthcare provider will send it to the laboratory. A refractometer will be used to project light into the sample and determine its density. While there are home tests that are more susceptible to contamination. Osmolality test are

sometimes used to evaluate how the kidneys dilute and concentrate urine. By knowing the osmolality of the urine can help the healthcare provider to diagnose certain conditions.

The cartoon watching has a connection with urine specific gravity. As the cartoon watching is a source of entertainment and joy. It is a source of entertainment not only for kids but also for adults. It releases all the tension of the whole day and also refresh mind and the science fiction cartoons also contain a huge knowledge. Thus, one of its aspect is that it is also a source of knowledge. The cartoons are also of different kinds like animated, science fictions, funny and fantasy. Not only kids but adults are also interested to watch cartoons to get rid of all of their tensions. The main motive of the current study was to affiliate cartoon watching with urine specific gravity. . If someone is interested in cartoon watching then there will be some chances to be high and low the value of specific gravity.

Material and Method

About 90 students were involved in this study and all of them were the students of Bahauddin Zakariya University Multan. They all were between the age of 19-22.

Measurement of urine specific gravity

Firstly a sample for a urine specific gravity test is taken. you should use an antibacterial wipe to clean the area around your urethra. Urinate and then place the cup under your urine stream. Urinate until a large enough sample, and then finish urinating into the toilet. This is known as midstream method. Your healthcare provider will send it to the

laboratory. A refractometer will be used to project light into the sample and determine its density. While there are home tests that are more susceptible to contamination. Osmolality test are sometimes used to evaluate how the kidneys dilute and concentrate urine. By

knowing the osmolality of the urine can help the healthcare provider to diagnose certain conditions.

Result and Discussion

Table of liking and disliking of cartoon watching associated with urine specific gravity:

Specific gravity of urine	Liking of cartoon watching	Disliking of cartoon watching
Normal specific gravity is 1.030	Mean ± SD	Mean ± SD
Specific gravity	1.024± 0.045	1.018 ± 0,013

In this research it is clear that topmost students like cartoon watching. Maximum of females like cartoon watching and maximum of males also like cartoon watching while remaining do not like cartoon watching.

Design

A questionnaire was prepared for the interconnection of urine specific gravity with cartoon watching.

Statistical

By using MS word analysis was performed

Conclusion

It was concluded from the presence study that the topmost students having normal specific gravity in urine like cartoon watching while others do not like cartoon watching.

References

1. Bertolo, M., Baumgart, S., Durek, P., Peddinghaus, A., Mei, H., Rose, T., ... & Grützkau, A. (2020). Deep phenotyping of urinary leukocytes by mass cytometry reveals a leukocyte signature for early and non-invasive prediction of response to

treatment in active lupus nephritis. *Frontiers in immunology*, 11, 256.

2. Qadir MI, Malik SA (2010) 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*, Nl 3: 240-243.
3. Qadir MI, Noor A (2018) Anemias. Rare & Uncommon Diseases. Cambridge Scholars Publishing. Newcastle, England. ISBN: 978-1-5275-1807-0.
4. Habib K, Soliman T. Cartoons' effect in changing children mental response and behavior. *Open Journal of Social Sciences*. 2015;3 (9):248-64.