

SYSTEMATIC STUDY TO OBSERVE THE EFFECT OF SLEEPING HOURS ON PROTEIN LEVEL IN URINE

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ABSTARCT

The basic aim of this prospective study to correlate sleeping hours and level of protein in urine. The condition in which the person has the nonstandard amount of urine protein is called the Proteinuria. This condition is the indication of kidney complaint. Ordinary kidneys organ not occupancy diverse extent protein to passage over and done with strainers. In certain situations kidney complaint reason injurious of strainers which is the reason of protein outflow in urine. As well as the reason of this condition is the protein formation in body. Overweight at the age of sixty five and hereditary kidney illness cause the upsurge of protein in the urine. Different medicines are used to cure this. Adolescent's necessity nearly six to seven hours on a regular basis. Thoroughgoing mature personages critical six to eight hours night by night for exceptional extent of slumber, unfluctuating yet particular people potency obligation as inadequate as seven to nine hours. Females in premature four months of lying-in era habitually crucial moderately a little added hours of slumber than ordinary. In this current exploration we evaluate the quantity of protein level in urine. In this investigation hundred apprentices took part. We surveyed the scholars to mount up their urine in the tube as well as incline a stripe in their urine. Stripe revealed altered coloration. The coloration stripe indicative of protein level was interconnected with conventional coloration stripe. It explored from the existing study that females who sleep from (1-10) hours had greater volume of protein in their urine. In other case male who sleeps from (11-20) hours had more protein volume in their urine.

Keywords: Protein level, Urine examination, Slumber hours

INTRODUCTION

The condition in which the person has the nonstandard amount of urine protein is called the Proteinuria. This condition is the indication of kidney complaint. Ordinary kidneys organ not occupancy diverse extent protein to passage over and done with strainers. In certain situations kidney complaint reason injurious of strainers which is the reason of protein outflow in urine. As well as the reason of this condition is the protein formation in body. This has no indications but if the protein level upsurge in urine then the look of urine will be bubbly. As soon as the adequate volume of protein excrete from individual's blood then it cause decline incapability of physique to keep continue body fluid. It cause the inflammation of different body parts. Thirty mili gram is the ordinary volume of protein in piss not exceed this range if it exceed it causes the kidney disorders in the individuals. Overweight at the age of sixty five and hereditary kidney illness cause the upsurge of protein in the urine. Different medicines are used to cure this.

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RESULTS

Table 1: Association of urine protein level with sleeping hours

Sleeping hours(1-10)	Sleeping hours (11-20)
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Discontinuity is momentous as supplementaryfundamental desires for cause that it merely ofquite a lot of features that deposit to nearby at somewherefigure be able toaccomplishappropriately, admirably and productively. Respectively whole the day time, physique voyages as well as completescorporeal applies. Explores have inveterate that representative extent of slumberanticipated to give somebody the slipupcomplimentaryassets on periods of sunshinemission is in the region of seven hours.

The basic aim of this prospective study to correlate sleeping hours and level of protein in urine.

MATERIALS AND METHODS

In this current exploration we evaluate the quantity of protein level in urine. In this investigation hundred apprentices took part. We surveyed the scholars to mount up their urine in the tube as well as incline a stripe in their urine. Striperevealedaltered coloration. The coloration stripe indicative of protein level was interconnected with conventional coloration stripe.

Project Designing

The elementarygoal ofinquiry was to linkage the hours of sleeping of different individual with level of protein in the urine. We gather urine of different scholars and examined the sleeping hours of different scholars. Records was bring together and exhibited the linkagebetween protein level and sleeping hours.

GENDER	Absent protein	100ng/dL	30ng/dL	GENDER	Absent protein	100ng/dL	30ng/dL
FEMALE	40%	1%	3%	FEMALE	27%	0%	0%
MALE	10%	0%	4%	MALE	10%	5%	0%

From this table we investigate the fraction of females who sleep from (1-10) hours have absence of protein as compared to males.

Table 2: Association of urine protein level with sleeping hours

GENDER	Sleeping hours (1-10)		Sleeping hours (11-20)	
	presence of protein	absence of protein	presence of protein	absence of protein
FEMALE	8.7%	50.22%	3.67%	35.80%
MALE	7.69%	42.40%	9.05%	39.37%

DISCUSSION

Different scientist investigate the protein volume in the urine. In these scientist Martina Brunati was also included who explore the relation of urine protein and sleeping hours.

CONCLUSION

It explored from the existing study that females who sleep from (1-10) hours had greater volume of protein in their urine. In other case male who sleeps from (11-20) hours had more protein volume in their urine. So, there is link between sleeping hours and urine protein level.

REFERENCES

1. Baily SM, Xu J, Feng JH, Hu X, Zhang C, Qui S. Tradeoffs between oxygen and energy in tibial. 2001;30:423-456.
2. Beall CM. Adaptations to altitude: a current assessment. Annu Rev Anthropol. 2001;30:423-456.
3. Qadir MI, Javid A (2018) Awareness about Crohn's Disease in biotechnology students. Glo Adv Res J Med Medical Sci, 7(3): 062-064.

4. Qadir MI, Saleem A (2018) Awareness about ischemic heart disease in university biotechnology students. Glo Adv Res J Med Medical Sci, 7(3): 059-061.
- biotechnology. Int J Mod Pharma Res, 7(2): 14-16.
5. Qadir MI, Ishfaq S (2018) Awareness about hypertension in biology students. Int J Mod Pharma Res, 7(2): 08-10.
6. Qadir MI, Mehwish (2018) Awareness about psoriasis disease. Int J Mod Pharma Res, 7(2): 17-18.
7. Qadir MI, Shahzad R (2018) Awareness about obesity in postgraduate students of
8. Qadir MI, Rizvi M (2018) Awareness about thalassemia in post graduate students. MOJ Lymphology & Phlebology, 2(1): 14-16.
9. Qadir MI, Ghalia BA (2018) Awareness survey about colorectal cancer in students of M. Phil Biotechnology at Bahauddin Zakariya University, Multan, Pakistan. Nov Appro in Can Study, 1(3): NACS.000514.2018.
10. Qadir MI, Saba G (2018) Awareness about intestinal cancer in university student. Nov Appro in Can Study, 1(3): NACS.000515.2018.