

# AGE AND SEX MISMATCHING URINE EXAMINATION IN MEDICAL LABORATORY

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## ABSTRACT

Urine examination is the widely used clinical laboratory investigation. The urine examination is considered the basic test. In this article, the authors discuss on the specific extraordinary case of age and sex mismatching urine examination in medical laboratory.

**KEYWORDS:** Medical, Age, Sex, Urine Examination.

## INTRODUCTION

Urine examination is the widely used clinical laboratory investigation. The urine examination is considered the basic test. In this article, the authors discuss on the specific extraordinary case of age and sex mismatching urine examination in medical laboratory.

## EXTRAORDINARY CASES

### STRANGE AGE

Sometimes, the interesting laboratory result is shown in some specific group. The finding of urine pregnancy test positive in small girl is the good example. Some unexperienced person might mention that this is the laboratory but the exact explanation for the extraordinary case is due to the hormone secreting tumor in the pre-menarche girl.

### STRANGE SEX

The well-known sex urine examination is the urine pregnancy test. However, it sometimes has

the result of urine pregnancy test in male. The most common result is usually due to the error in laboratory reporting. The use of computational program for reporting of the results due to health check-up package is the good example. A good case study is the case of complaint from a male officer to the medical center for having the result of negative urine pregnancy. Nevertheless, there is an exact application of urine pregnancy test for the male patient. It might be useful for the patients with beta-human choriogonadotrophic hormone (b-HCG) secretion tumor such as lung cancer.

## DISCUSSION

Urine examination is the widely use test in medicine. The urine pregnancy test is the specific test for screening f;or pregnancy in clinical practice [1]. B-HCG is the specific hormone that is tested in urine pregnancy test to diagnose of pregnancy [2]. The age and sex specific nature of the urine pregnancy test is perceived by general people and general medical personnel.

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Nevertheless, there are some extraordinary cases that the result might be seen in age or sex mismatching patients. This requires special attention case by case.

**CONFLICT OF INTEREST:** None

## **REFERENCES**

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