

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Kazanovskij A.A. Sex M F
Date 18.04.2014
The quantity 150 ml
The color yellow
Transparency cloudy
Specific gravity 1020
pH acidic
Protein 0,066 g/l
Glucose no
Acetone no
Bilirubin no
Urobilin _____

Microscopical investigation

The epithelial cells:
squamous 15-20 in m.f/v
transitional _____
renal _____
The leucocytes 15-20 in m.f/v
The red blood cells:
unchanged 1-2 in m.f/v
changed _____
The casts:
hyaline _____ -
epithelial _____ -
granular _____ -
waxy _____ -
Mucus ++
Bacteria +
Salts _____ -
Fungi +

Small proteinuria, a big amount of the squamous epithelial cells, leukocyturia, microscopic hematuria, bacteriuria, presence of fungi and mucus is more characteristic for urethritis and prostatitis (for men).

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Suhov P.V. Sex M F
Date 18.04.2014
The quantity 150 ml
The color orange-yellow
Transparency cloudy
Specific gravity 1032
pH acidic
Protein no
Glucose no
Acetone no
Bilirubin no
Urobilin _____

Microscopical investigation

The epithelial cells:
squamous few in m.f/v
transitional _____
renal _____
The leucocytes 2-3 in m.f/v
The red blood cells:
unchanged 3-4 in m.f/v
changed _____
The casts:
hyaline _____ -
epithelial _____ -
granular _____ -
waxy _____ -
Mucus _____ -
Bacteria _____ -
Salts urates crystals ++++
Fungi _____

High specific gravity, orange-yellow color of the urine, microscopic hematuria (unchanged red blood cells), presence of the urates crystals in a big amount indicates uric acid diathesis probably kidney stone diseases.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Ivanovskij A.A. Sex M F
Date 18.04.2014
The quantity 150 ml
The color beer
Transparency transparent
Specific gravity 1028
pH acidic
Protein no
Glucose no
Acetone no
Bilirubin +++
Urobilin no

Microscopical investigation

The epithelial cells:
squamous 1-2 in m.f/v
transitional _____
renal _____
The leucocytes 1-2 in m.f/v
The red blood cells:
unchanged _____
changed _____
The casts:
hyaline -
epithelial -
granular -
waxy -
Mucus -
Bacteria -
Salts -
Fungi _____

The beer_color of the urine, positive test for bilirubin and absence of urobilin indicates mechanical jaundice.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Vachra P.V. Sex M F
Date 18.04.2014
The quantity 100 ml
The color muddy-red
Transparency cloudy
Specific gravity 1028
pH acidic
Protein 1.2 g/l
Glucose no
Acetone no
Bilirubin no
Urobilin _____

Microscopical investigation

The epithelial cells:
squamous few in m.f/v
transitional _____
renal _____
The leucocytes 6-8 in m.f/v
The red blood cells:
unchanged 20-25 in m.f/v
changed _____
The casts:
hyaline 2-3 in m.f/v
epithelial -
granular -
waxy -
Mucus -
Bacteria -
Salts _____
Fungi _____

The muddy-red color of the urine, normal numbers of the specific gravity, middle proteinuria, small leukocyturia, macroscopic hematuria, presence of the hyaline casts indicates acute glomerulonephritis.

Urine analysis

Name Kupras A.A. Sex M F
 Date 18.04.2014
 The quantity 200 ml
 The color light yellow
 Transparency cloudy
 Specific gravity 1012
 pH acidic
 Protein 0.066 g/l
 Glucose no
 Acetone no
 Bilirubin _____
 Urobilin _____

Microscopical investigation

The epithelial cells:
 squamous few in m.f/v
 transitional _____
 renal _____
 The leucocytes 25-35 in m.f/v
 The red blood cells:
 unchanged 2-3 in m.f/v
 changed _____
 The casts:
 hyaline -
 epithelial -
 granular -
 waxy -
 Mucus -
 Bacteria ++++
 Salts _____
 Fungi _____

Low specific gravity, small proteinuria, marked leukocyturia, bacteriuria, microscopic hematuria indicates pyelonephritis.

Urine analysis

Name Petrov P.V. Sex M F
 Date 18.04.2014
 The quantity 180 ml
 The color yellow
 Transparency cloudy
 Specific gravity 1028
 pH acidic
 Protein no
 Glucose +++
 Acetone ++
 Bilirubin no
 Urobilin _____

Microscopical investigation

The epithelial cells:
 squamous 2-3 in m.f/v
 transitional _____
 renal _____
 The leucocytes 2-3 in m.f/v
 The red blood cells:
 unchanged 1-2 in m.f/v
 changed _____
 The casts:
 hyaline -
 epithelial -
 granular -
 waxy -
 Mucus -
 Bacteria -
 Salts -
 Fungi _____

According to high specific gravity, presence of glucose and ketones in the urine it can be concluded that the analysis indicates decompensation stage of diabetes.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Sidorova A.A. Sex M F
Date 18.04.2014
The quantity 200 ml
The color yellow
Transparency transparent
Specific gravity 1006
pH acidic
Protein 0,99 g/l
Glucose no
Acetone no
Bilirubin no
Urobilin _____

Microscopical investigation

The epithelial cells:
squamous 2-3 in m.f/v
transitional _____
renal 1-2 in m.f/v
The leucocytes 1-2-3 in m.f/v
The red blood cells:
unchanged _____
changed 3-5 in m.f/v
The casts:
hyaline 1-2 in m.f/v
epithelial -
granular -
waxy few in m.f/v
Mucus _____
Bacteria -
Salts -
Fungi _____

Low specific gravity, proteinuria, microscopic hematuria (changed red blood cells), presence of the hyaline and waxy casts, presence of the renal epithelial cells in the urine indicates chronic glomerulonephritis.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Odincova A.A. Sex M F
Date 18.04.2014
The quantity 150 ml
The color yellow
Transparency cloudy
Specific gravity 1026
pH basic
Protein 14.2 g/l
Glucose no
Acetone no
Bilirubin no
Urobilin _____

Microscopical investigation

The epithelial cells:
squamous 1-2 in m.f/v
transitional _____
renal _____
The leucocytes 3-5 in m.f/v
The red blood cells:
unchanged _____
changed 1-2-3 in m.f/v
The casts:
hyaline 2-3 in m.f/v
epithelial -
granular 1-2 in m.f/v
waxy 3-5 in m.f/v
Mucus -
Bacteria -
Salts -
Fungi -

Severe proteinuria (14.2 g/l), microscopic hematuria, presence of the hyaline, granular and waxy casts in the urine indicates nephrotic syndrome more likely due to glomerulonephritis.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Kuprashevich A.A. Sex M F
Date 18.04.2014
The quantity 200 ml
The color light brown
Transparency transparent
Specific gravity 1018
pH acidic
Protein no
Glucose no
Acetone no
Bilirubin no
Urobilin +++

Microscopical investigation

The epithelial cells:
squamous few in m.f/v
transitional _____
renal _____
The leucocytes 1-2 in m.f/v
The red blood cells:
unchanged -
changed _____
The casts:
hyaline -
epithelial -
granular -
waxy -
Mucus -
Bacteria _____
Salts _____
Fungi _____

The light brown color of the urine, increased amount of urobilin indicates hemolytic jaundice.

Grodno State Medical University
Department of Propaedeutics of Internal Diseases
Urine analysis

Name Gamulin P.V. Sex M F
Date 18.04.2014
The quantity 200 ml
The color beer
Transparency transparent
Specific gravity 1024
pH acidic
Protein no
Glucose no
Acetone no
Bilirubin ++
Urobilin +

Microscopical investigation

The epithelial cells:
squamous few in m.f/v
transitional _____
renal _____
The leucocytes 2-3 in m.f/v
The red blood cells:
unchanged _____
changed _____
The casts:
hyaline -
epithelial -
granular -
waxy -
Mucus -
Bacteria -
Salts -
Fungi _____

The beer_color of the urine, positive test for bilirubin and urobilin indicates parenchymatous (liver) jaundice.

