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## Phase contrast with the medicus pro PH-B

Simple and reliable examination of urine sediments  
for urological practices

# Simple and reliable examination of urine sediments

Urologists regularly test urine samples for their solid constituents, for example, on the presence of erythrocytes, leukocytes or even crystalline structures. The results point the physician to possible diseases of kidneys, bladder or ureter. Also, the test for bacteria allows the microbiological assessment of the urine. For an uncomplicated examination without the need for staining protocols, a phase

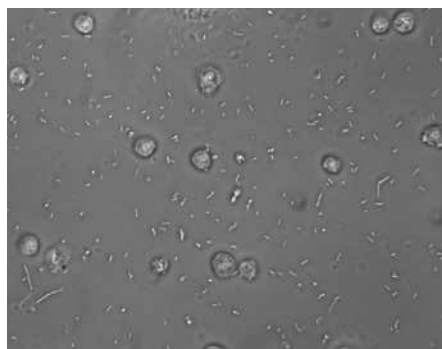
contrast microscope is required. In the first step, the concentration of a midstream urine sample is increased via centrifugation and subsequently discarding some of the excessive liquid. Then, one drop of this sample is placed directly on a microscope slide, covered with a cover slip and examined with a phase contrast microscope. The images below show typical microscopic results.

## medicus pro PH-B with phase contrast:

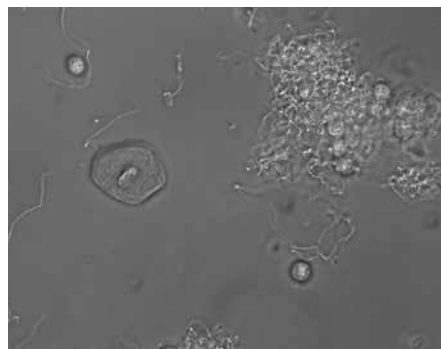
- Visualisation of low-contrast sample constituents
- High-power LED illumination with adjustable colour temperature and „light memory“
- Simple switching between brightfield and phase contrast
- Binocular tube with ergonomic viewing angle for fatigue-free operation
- Image documentation with optional accessories (trinocular tube, cameras)
- Various accessories (green filter, immersion oil, dust cover, ...)



Leukocytes, leukocyte cast, erythrocytes



Leukocytes, bacteria



Leukocytes, bacteria, amorphous urate crystals, epithelium cell

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