



VideoTest-Sperm Sperm Analysis

VideoTest-Sperm software provides analysis of video-sequences of the native sperm samples (ejaculates). The sperms are counted automatically, and their motility is analyzed. The human sperm motility analysis is performed in accordance with WHO recommendations. **VideoTest-Sperm** is also used to study sperm morphology in the stained smears. The images and data can be stored in VideoTest-Album Image Database.

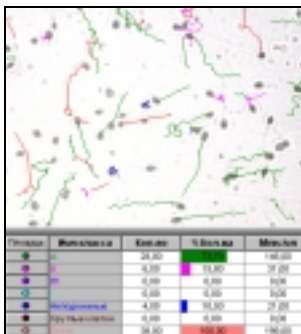


The complete system includes microscope, CCD camera, PC and VideoTest-Sperm software.

VideoTest-Sperm – fast and accurate sperm analysis!

Main features of **VideoTest-Sperm**:

Motility application is designed to estimate the sperm concentration in the native ejaculate and measure the sperm kinetic parameters. This application is used for routine monitoring the progressively moving sperms in the native samples.



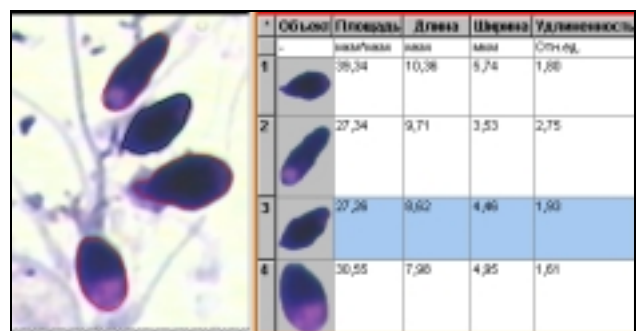
- ◆ Sperm classification by their motility (A, B/B1, C, non-motile),
- ◆ Count the percentage of the sperms belonging to the different motility classes,
- ◆ Calculation of the human sperm motility parameters according to WHO recommendations (VCL, VSL, VAP, LIN, STR, etc.),
- ◆ Displaying the sperm tracks,
- ◆ Estimation of the sperm concentration (total and by motility classes).

Measure application is designed to analyze the sperm morphology in the stained smears.

- ◆ Automatic analysis of the sperm morphology (head area, length, width, etc.).

Additional features:

- ◆ Measure linear and angle parameters,
- ◆ Export images and data to VideoTest-Album image database,
- ◆ Print out images and data and standard report generation.



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