



VideoTesT-Sperm 2.0

Motility and concentration analysis

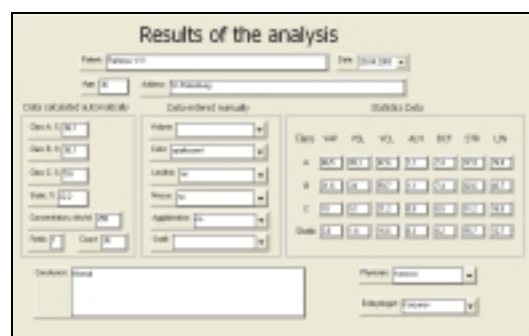
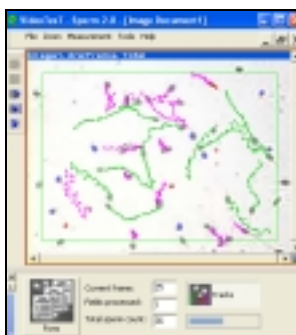
New **VideoTesT-Sperm 2.0** system is designed for automatic sperm motility and concentration analysis in the native ejaculate. New system provides high accuracy and reliability of the analysis results. The sperm motility parameters are estimated in accordance with WHO recommendations. Analysis results are saved in VideoTesT-Album image database.



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

Main features of **VideoTesT-Sperm 2.0**:

- Native sperm image recording into .avi file with the frequency up to 50 fps.
- Automatic sperm thresholding and tracking. The individual sperm tracks are displayed on the last image in the movie sequence.
- Measure sperm concentration (in mln/ml).
- Sperm motility analysis. Sperm classification by their motility (A, B, C, immotile). Percent count of the sperms with different motility.
- Calculation of the motility parameters of the human sperms in accordance with WHO recommendations (VAP, VCL, VSL, VAP, LIN, STR, BCF, ALH).
- Ability to measure animal sperm motility and concentration.
- Save analysis data in the in-built image database.
- Report generation and printing-out the analysis data.



VideoTesT-Sperm 2.0 is easy to learn and use, very user friendly, fast, reliable and accurate. It is developed in co-operation with the Family Reproduction Center (St.-Petersburg, Russia).



P.O. Box 356, St.-Petersburg, 190000 **RUSSIA**
Phone: +7(812) 314-8100, 314-8445
Fax +7(812) 325-6494
e-mail: info@videotest.ru
<http://www.videotest.ru>

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