

Loats Associates, Inc. Sperm Finding and Documentation System



Benefits

- ◆ Automated scanning facilitates swifter less labor intensive analysis of slides from sexual assault cases
- ◆ Improves Laboratory Productivity
- ◆ Decreases case turn-around time
- ◆ Saves Time and Money

Key Operational Features

- ◆ Secure Password Protected Operation
- ◆ Automatic, unattended scanning of Christmas Tree stained slides for the presence of spermatozoa
- ◆ Batch processing of multiple slides
- ◆ Easy User review and verification of automated scan results using saved picture gallery of located candidate cells.
- ◆ Automated relocation enables viewing of candidate sperm cells through the microscope eyepieces.
- ◆ Results archived according to case and evidence item number
- ◆ Hardcopy Reports available immediately after user-review and verification.

System Components

- ◆ Robotic Microscope with Computer Controlled Servo-Driven 4 Slide Stage and Focus
- ◆ High Resolution Color Digital Firewire Camera
- ◆ Windows based Computer, keyboard, mouse and Large Flat Panel Monitor
- ◆ Sperm Finding and Documentation Software

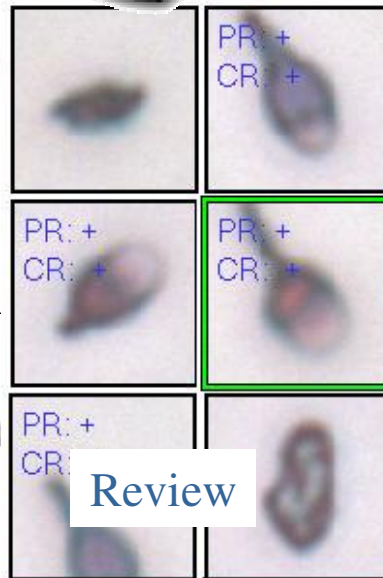
Cell Search

Scan



Report

Case Number: Ju
Item Number: 1
PR: John Doe
CR: Jane Smith
Density (Sperm Per Frame): 0.14
Cell Location: x:48 y:-9, x:-157



Review

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