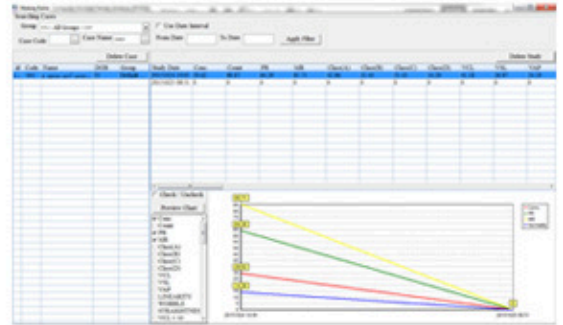# Trust Diagnostics

**ECASA**

A combination of hardware and software components to calculate the semen analysis parameters (count, motility, and morphology).
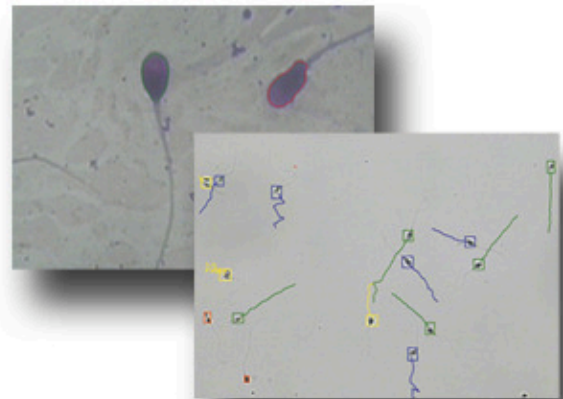Includes:
Microscope, CCD camera, head, video cables, video capture unit, and up to date computer with windows XP or later



* Huge database to organize data
   - Each case has basic data (name, age, etc) and contains several studies
   - Each study has a date with parameters, images, videos, and report
   - A searching tool to retrieve and review cases easily
   - A statistical tool to followup parameters values of studies with charts
   - Backup & Restore procedures



* Video stream receiver
   - Capture still images to calculate morphology
   - Record videos to calculate count, and motility

* Sample calculation
   - Case study can be saved to be calculated later
   - Automatic count, and motility calculation (one click)
   - Automatic head morphology calculation (one click)
   - Parameters can be manually updated
   - Sperms can be manually updated



* Reporting
   - Full customized header and footer design
   - Printed Report based on WHO standards
   - Report is supported by images, and charts

* CD burning room
   - A case study can be burned to a CD
   - CD will include images, and report
   - CD has a player to browse the study