



# INTELLIGENT CASA®

## COMPUTER ASSISTED SEMEN ANALYSIS



### A Motility

- Total sperm count million/ml and per ejaculate
- Total Sperm Motility and classify it into (Progressive, Non Progressive and Immotile)
- Measure each sperm Motion Parameters (VCL,VSL,VAP,STR,WOB,LIN)
- Can reach Zero Error Rate as can reject debris from count and motility
- Can use Normal or Special slide so can analyze many sample on same time and save the cost of special slides

### B Morphology

- Auto detection of sperm morphology abnormalities
- Head, Neck and Tail Abnormalities
- Automatically calculate TZI, MAI and SDI.
- Morphometric and Volumetric Analysis so can detect all kinds of head, neck and tail abnormalities)

### C CASA

- The latest method of semen analysis using a computer that follows the latest version of the Food and Drug Administration and (WHO 5th Edition)

### D System Components

- Tri-nocular Microscope with built in stage heater
- Pc all in one contain Delta Care Intelligent CASA software
- Intelligent CASA Camera
- Special Slide
- Accessories ( Keyboard + Mouse + Cover Slides + Printer)
- CASA Stain

# FULLY AUTOMATED MOTILITY SYSTEM

# FULLY AUTOMATED MORPHOLOGY SYSTEM

