OOSIGHT IMAGING SYSTEM®

Reveal Critical Structures

Improve your Grading Routine with Non-Invasive Imaging

** The Oosight Imaging System may be for research purposes only in certain jurisdictions.*

OVERVIEW

The Oosight Imaging System provides high-contrast live images of the oocyte and spindle to determine which subpopulations are at high risk for producing chromosomally abnormal embryos and can prevent potentially damaging effects from injecting immature oocytes.

HOW IT WORKS

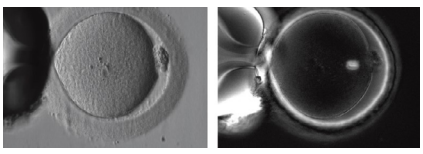
Our unique and patented solid-state, liquid crystal technology is an easy add-on to your ICSI workstation. Oosight software runs on your computer to capture, display, and analyze your images. Snap and click to report data – it's really that simple!

- Measures molecular order in either fresh or previously frozen oocytes to help with selection prior to ICSI or implantation
- Safe, non-invasive imaging without the use of labels or stains
- Seamless integration with HT laser systems and fits most inverted microscopes with simple installation

Features and Benefits

Adding Oosight to your lab can improve oocyte quality grading success by providing a quantitative and reproducible method to measure biological disruption within the oocyte. The Oosight provides measurements of molecular order and alignment of birefringent structures including: the spindle, zona pellucida, and oolemma.

- Improve the efficiency of cryopreservation: verify vital structural bodies in the oocytes are intact after undergoing freezing procedures
- Reporting Capability: collected sample data can be organized into exportable report

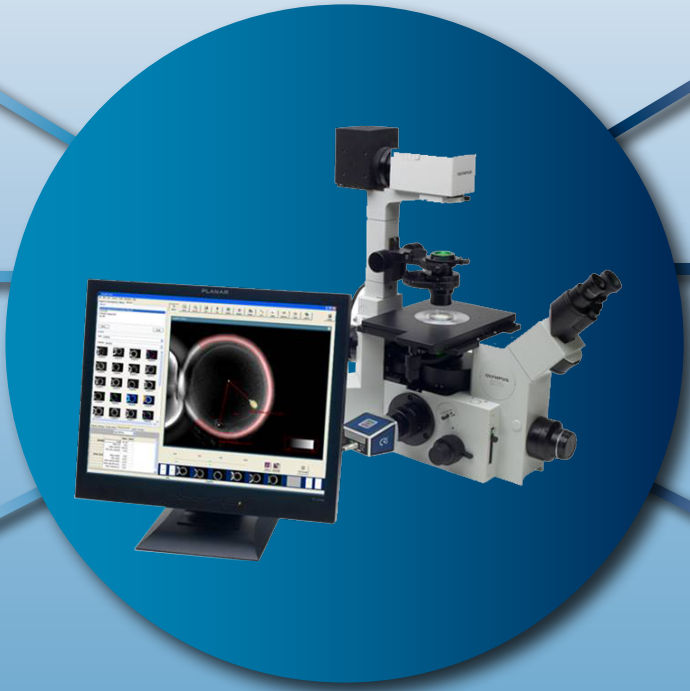


HAMILTON THORNE

Oosight Features

Unprecedented Resolution

No Staining Needed



Safe, Non-invasive Imaging

Reporting Capability

Quantitative Analysis

Easy Integration with Small Footprint

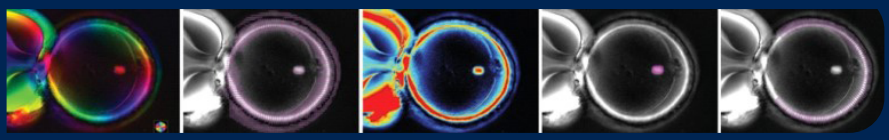
SOFTWARE

- **OOSIGHT BASIC**

The Oosight Basic imaging system combines patented optical, electronic and software elements to produce both live and still images of critical structures within the oocyte, including the meiotic spindle and tri-laminar zona pellucida.

- **OOSIGHT META**

The Oosight Meta imaging system combines the image capture capability with additional analysis tools such as automated SpindleFinder™, automated ZonaFinder™, reporting, and Movie Capture to make quantitative, reproducible oocyte analysis possible.



Technical Specifications

- **MICROSCOPE COMPATIBILITY:** *Leica®, Nikon®, Olympus®, and Zeiss®. Contact us for more information on your specific model.*
- **WAVELENGTH OF OPERATION:** *546nm*
- **COMPONENTS:** *Oosight CCD Camera, LC Compensator Optic, Circular Polarizer/Interference Filter, C-Mount Adapter, Power Supply*
- **POWER SOURCE:** *5V 3A with universal input voltage adapters*

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Contact our team to transform your lab today!

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