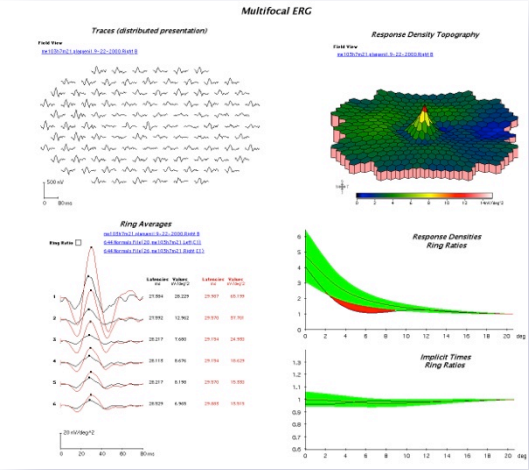
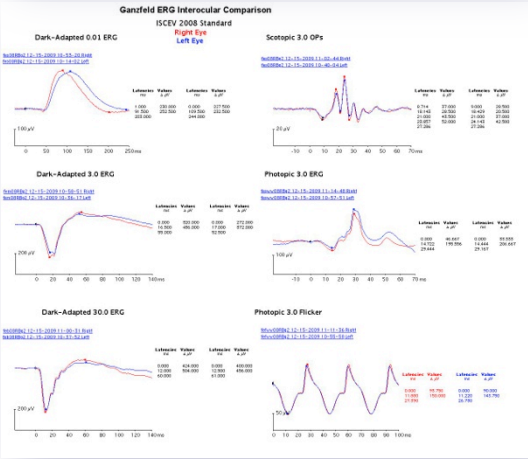
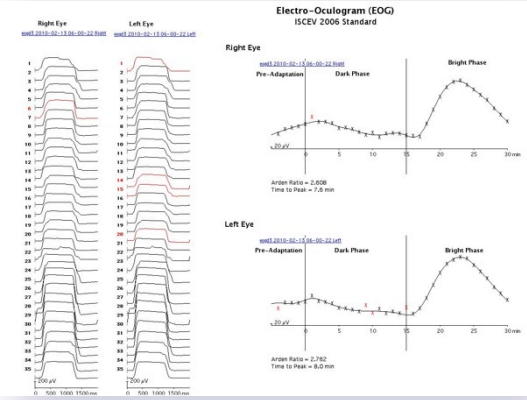
VERIS™

Complete, Integrated Visual Electrophysiology System







Powerful, yet Easy to Use

- Complete traditional *and* multifocal electrophysiology
  - EOG, ERG, PERG, VEP, mfERG, mfVEP, and more.
- Synchronous data sampling for precise timing
- Simple, consistent point-and-click user interface for patient testing and stimulator calibration.
- Pre-programmed ISCEV standard protocols.
- Integrated, easily searchable patient database.
- Easily compare records to recordings selected as "baseline" tests, recordings from the fellow eye, or age-matched sets of your own "normal" reference data.
- "Re-play" recorded data.
- Extensive capabilities for creating your own stimuli, protocols, and analyses (VERIS Science and Pro).
- Full multifocal kernel analysis and modeling functions available (VERIS Pro).
- Unique new testing and analysis capabilities.
  - Optic Nervehead Component (ONHC), M-sequence Full-Field ERG recovery functions, M-sequence VEPs and Pattern ERGs, …
- Extensive data and image export functions, including DICOM image exports to any LAN-accessible archive.

Modular Design

- Computer Platform (iMac, 15" MacBook Pro, or Mac Pro)
- Two Ganzfeld Stimulators: Full-sized or Handheld
- Two LCOS Microdisplay Visual Pattern Stimulators
- Four Software Options: Basic, Clinic, Science, Pro.

Typical VERIS System

Shown in Photo

Fresnel Ganzfeld
FMS IV Stimulator
27-inch iMac

Also available with

21.5-inch iMac
15-inch MacBook Pro
Mac Pro
EMS IV Stimulator
LCD Stimulus Display

Electro-Diagnostic Imaging, Inc. (EDI)

EDI was founded in 1989 by its President and CEO, Dr. Erich Sutter, who first introduced the concept of multifocal electrophysiology in 1987. We are located in Redwood City, California.

http://www.veris-edi.com

VERIS is a complete, integrated, modular system for objective testing of visual system function. An easy point-and-click interface greatly simplifies routine clinical testing without compromising the flexibility and extensive range of function required for scientific research.

A Typical System Configuration

Anthro 30, 36, or 48-inch wide Utility Cart with shelf
Apple Computer (Mac Pro, iMac, or 15" MacBook Pro)
- Includes keyboard, mouse, and DVI adapter.
- Thunderbolt, 802.11ac Wi-Fi, USB 3, Bluetooth 4.0, SDXC slot

VERIS Interface
- Includes National Instruments D/A board, video converter, and EDI Switchbox

Medical grade isolation transformer
Grass 15LT Amplifier System
- Gain and filter settings controlled entirely through pre-programmed protocols, reducing possibility of user error.
- One 4-channel AC amplifier module included. Three more optional for a total of 16 possible channels.

Ganzfeld Stimulator (for full-field stimulation)
- Choose full-sized or hand-held model

FMS color microdisplay with IR eye and fundus imaging
- 40 microsecond response time.
- 1280 x 1024 spatial resolution.
- 24-bit (8-bit red, green, & blue) color channel resolution.
- Integrated refractor for correction of patient's refractive error without magnification changes.
- Infra-red video eye camera to monitor electrode and eye position.
- Infra-red video fundus camera to monitor fixation while testing.

Spot Calibrator
- Easy point & click luminance calibration of all stimulators.

VERIS Software
Choose from:
- **VERIS Basic**: Limited pre-programmed monocular protocols for traditional clinical electrophysiology and multifocal ERG testing only.
- **VERIS Clinic**: All VERIS Basic protocols plus multifocal ERG, multifocal VEP, Optic Nervehead Component, and more. Provides the ability to modify report layouts and text.
- **VERIS Science**: All VERIS Clinic protocols and capabilities plus the ability to modify and create new stimuli, tests, analyses, and reports
- **VERIS Pro**: VERIS Science plus kernel synthesis and response modeling.

Pre-Programmed Tests

Traditional
- EOG (2010 ISCEV)
- Full-Field ERGs (2008 ISCEV)
- Full-Field Flash VEP
- Pattern ERG (2007 ISCEV)
- Pattern VEP (2009 ISCEV)
- Periodic Sweep VEP

Multifocal
- Multifocal ERG (2011 ISCEV)
  (103 hexagons, 7 minute)
  - 103 hexagons, 4 and 2 min.
  - 241 hexagons, 7 min.
  - 61 hexagons, 2, 4, & 7 min.
  - 37 hexagons, 2, 4, & 7 min.
- Multifocal VEP
  - 2 channel, 120 sectors
  - 2 or 3 channel, 60 sectors
- Optic Nervehead Component

Advanced
- mfERG Ring Ratio Analysis
- M-Sequence Pattern ERGs
- M-sequence VEP
- M-sequence Sweep VEP
- M-sequence Full-Field Flash
  - scotopic and photopic with modeled recovery functions.
- mfERG with modeled recovery plots

Pre-Programmed Comparisons to:

- Previous recordings
- User-specified Baseline Recordings
- Normal Averages

Note: Protocols provided depend upon the level of VERIS Software

Electro-Diagnostic Imaging, Inc.

***First* in Multifocal Electrophysiology**

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