

What Diagnostic Technologies Will Take Your Practice into the Future?



Emerging Treatments For Eye Disease Offer New Options And Diagnostic Challenges For Ophthalmologists

Electrophysiology Is A Powerful Tool That Can Facilitate The Early Detection And Diagnosis Of Eye Disease



 **Diagnosys**

Treatments are now emerging for previously intractable eye diseases. Early detection, diagnosis, and intervention are significant factors in the effectiveness of these procedures. One of the most powerful objective tools available for detection and diagnosis is electro-physiology. Extensively used in research institutions and larger clinical practices, electrophysiology is now coming into wider use in private practice.

Diagnosys LLC has a strong reputation for producing high-quality research instrument systems that are being used in some of the worlds leading eye research institutes. This research includes early detection of glaucoma, evaluation of vitamin, drug, and genetic therapy for RP and other inherited diseases, evaluation of retinal implant, transplant, and translocation, and many others.

That research equipment is the basis for a new easy-to-use clinical diagnostic system that will give you the ability to perform diagnostic procedures in your office instead of having to refer patients to other testing facilities. This is more convenient for patients and aids in their retention. More importantly, it fosters a clearer understanding of the application of the various tests and the significance of the results.

Does Your Practice Diagnose & Treat:

Diabetic retinotherapy	Congenital stationary night blindness
Presurgical evaluation	Diabetic retinopathy
Detection of malingering	Optic neuritis
Retinal toxicity monitoring	Hereditary optic neuropathies
Hereditary macular degeneration	Amblyopia
Differentiation between retinal and post-retinal causes of visual loss of unknown etiology	Multiple sclerosis
Retinal function after trauma	Trauma
Retinitis pigmentosa	Vascular diseases of the eye
Cone dystrophy	Unexplained visual loss
	Objective visual acuity testing

The ESPION product family from Diagnosys LLC can bring diagnostic techniques for these conditions into your practice, speeding the delivery of treatment and streamlining the process of patient evaluation.

Espion Clinical System

Built upon Diagnosys' leadership in research instruments, our clinical diagnostic system provides the same leading edge technology in an easy-to-use product. Featuring:

- A single platform that automatically supports individually available stimulators: **MaculoScope**, **ColorBurst** (hand-held Ganzfeld), **Pattern Stimulator**, and **ColorDome** (Desktop Ganzfeld).
- Easy to learn, easy to operate software with preset International Society for Clinical Electrophysiology of Vision (ISCEV) protocols for standard vision tests.
- Easy software upgrades preserve your investment and avoid obsolescence.

The ESPION console automatically recognizes the stimulators that are plugged in and make those procedures available to the operator.
Testing is as easy as 1-2-3:

- 1 - Enter patient's name and other optional information (e.g. diagnosis)
- 2 - Select from a list of standard ISCEV tests
- 3 - Press "RUN" to begin testing. Handy pop-ups advise how to connect patient and apply stimulus.



ColorDome™ for ERG, EOG

ColorBurst™ for ISCEV, basic ERG and VEP

MaculoScope™ for focal ERG

Pattern Stimulator for color VEP and ERG

