

# RETeval<sup>®</sup> for Pediatrics



## PORTABLE VISUAL ELECTRODIAGNOSTIC SYSTEM

*Get valuable information for a faster, more effective diagnosis and monitoring of vision-threatening diseases*

### Avoid Unnecessary Sedation with Powerful ERG Testing

An electroretinogram (ERG) test provides objective and functional information for medical professionals to understand and assess functional changes that may impact the patient's vision by looking at the retina's response to light.

### COMMON USES FOR FULL FLASH AND FLICKER ERG TESTS

- Nystagmus<sup>1</sup>
- Leber's Congenital Amaurosis
- Congenital Stationary Night Blindness
- Achromatopsia
- Retinopathy of Prematurity
- Malingering
- Unexplained Vision Loss
- Trouble Seeing in the Dark
- Changes in Color Vision

### MINIMIZE NEED FOR SEDATION

Fewer tears, less rescheduling, low noise interference – **complete testing all in one fast visit**



**PORTABLE    EMR CAPABLE    STANDARD OR CUSTOM PROTOCOLS**

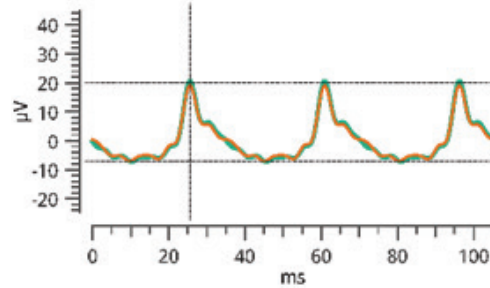
# EFFECTIVE FUNCTIONAL RETINA TESTING FOR CHILDREN

## PROVEN MEASUREMENTS BROAD SPECTRUM RESULTS

Featuring full ISCEV-compliant full field flash ERG/VEP testing, and the option to develop custom protocols for the most advanced all-in-one functional testing device.

- Repeatability
- Consistent Efficacy
- Real Time Pupilometer

## EXAMPLE STANDARD FLICKER TEST



PHOTOPIC 30 Hz FLICKER



## ELECTRODES AND ERG TESTING TO MATCH PATIENT NEEDS



- Use any approved corneal electrode
- Use patented **RETeval** Sensor Strip skin electrodes – great for children
- Dilated or Undilated Testing

“The **RETeval** device brings my practice a truly portable, easy to use ERG solution. We have the option of obtaining a standard ERG with skin electrodes or corneal electrodes. We were impressed with the ease of acquisition, the quality of the automatic reporting function and the affordability. The ability to download reports into our EMR facilitates timely record keeping and communication with referring doctors. We appreciate the overall quality of the device.”

— Dr. Monique Leys, MD EBO  
West Virginia University Eye Institute

1 Grace et al. Portable non-sedated electroretinogram evaluation of children with nystagmus in the pediatric ophthalmology clinic. *Journal of AAPOS*, 2016.

LKC Technologies, Inc., established in 1975, is an ISO 13485:2003 & 2012 certified, FDA-registered medical device manufacturer with quality products installed worldwide in over 70 countries. **RETeval** is trademarked by LKC Technologies and the device is CE marked and FDA cleared.

The project described was supported by Award Number R44EY021121 from the National Eye Institute. The content is solely the responsibility of LKC and does not necessarily reflect the views of the National Eye Institute of the National Institutes of Health.

The **RETeval** device may be covered by one or more of the following US patents and their foreign counterparts: 7,540,613 and 9,492,098. Additional patents pending.

The **RETeval** device Sensor Strips may be covered by one or more of the following US patents and their foreign counterparts: 9,510,762. Additional patents pending.

**RETeval**/DR is not currently available in the United States.

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CPT CODES ERG: 92275 VEP: 95930