

Rapidly assess Diabetic Retinopathy | Glaucoma | and many other optic nerve and retinal diseases



SIMPLE TO USE

Handheld, light, and portable Appropriate for any age without sedation Train technicians in minutes



NO CORNEAL CONTACT

Our non-invasive LKC patented sensor strip skin electrodes mean no corneal electrode required



SIMPLE TO INTERPRET

Color-coded results for easy interpretation Test results shown on device, or export a PDF for easy integration into your medical records

Integrated age-matched reference data.



ADVANCED TESTING

Advanced full-field ganzfeld functionality in a hand-held ERG/VEP device.

DILATION NOT REQUIRED

Real time pupillography adjusts for pupil size in real time – can be used in patients who are not dilated or in any stage of dilation

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SIMPLE TO BILL

Reimbursed and co-billable – can be billed on the same day with OCT, Photos, and/or VF

CPT Code 92273 Reimbursed



LKC Technologies, Inc. | 2 Professional Drive, Suite 222, Gaithersburg, MD 20879 t: +1 301.840.1992 | f: +1 301.330.2237 | e: sales@lkc.com | www.lkc.com

RETeval[®] **Device**

DR Assessment: combines four metrics to calculate a user-directed DR Score which has been shown to indicate the risk of vision threatening diabetic retinopathy

Flicker: 16 Td·s or Flicker: 32 Td·s for patients with cataract – White light flicker (15 second white light flicker test – cone & bipolar cells) PhNR: 3.4 Hz Long / Short Td – Red flash on blue background (60 sec / 30 sec cones, cone bipolar cells, ganglion cells)

DIABETIC RETINOPATHY REPORT EXAMPLE

Color-coded for easy interpretation. Normative database reference shows green as 95% of normal for people their age, yellow/red is outside of normal.

DR Score	24.8
Operator-selected limits (7.0 ↔ 23.4)	Outside limits
95% Reference interval (7.7 ↔ 20.4)	>100%

IMPLICIT TIME

Delayed implicit time (yellow/red) Indicates cellular stress

AMPLITUDE

Lower amplitudes (yellow/red) Indicates cellular damage





How It Works

- 1 RET*eval* device will start flashing light into the patient's eye.
- 2 The retina responds to the flashes by generating small electrical signals that travel through the facial structure to the sensor strip.
- **3** RET*eval* sensor strip detects the electrical signals and compares the results to the normative database.

Test for Diabetic Retinopathy, Glaucoma, & more with the RET*eval* device!

Learn More at: LKC.com

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