K003644

FEB - 1 2001

510(k) Summary

EyeTect™ Tremor Monitor Unit

Submitted on November 22, 2000

I. **Submitter Information:**

EyeTect, L.L.C.
10 Madonna Court
Belleville, Illinois 62223
Telephone:
Telefax:
Contact: Rebecca M. Cueto

II. **Trade name:** EyeTect™ Tremor Monitor Unit
Common or usual name: Eye movement monitor
Classification name: Nystagmograph (per 21 CFR section 892.1460)

III. The above device is substantially equivalent to several eye tremor monitors, including those in 510(k) numbers K992473, K991642, K972631. The substantial equivalence was established by comparison of functions and features.

IV. This submission describes a system that is intended to measure the ocular microtremor (OMT) through a patient's closed eyelid. The system is composed of a single-use OMT transducer, an OMT monitor unit, and associated software.

V. The EyeTect™ Tremor Monitor Unit is used to measure and display ocular microtremor. Ocular microtremor information may be useful in assisting in the assessment of the level of consciousness for patients under anesthesia or in a comatose state.

VI. The technological characteristics are the same as or similar to those found with the predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

FEB - 1 2001

Ms. Rebecca M. Cueto
General Manager
EyeTect, L.L.C.
10 Madonna Court
Belleville, Illinois 62223

Re: K003644
Trade Name: EyeTect™ Tremor Monitor Unit
Regulatory Class: II
Product Code: GWN
Dated: November 22, 2000
Received: November 27, 2000

Dear Ms. Cueto:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4595. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsmamain.html".

Sincerely yours,

for Mark N Melkerson

Celia M. Witten, Ph.D., M.D.
Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K003644

510(k) Number (if known):

Device Name: EyeTect™ Tremor Monitor Unit

Indications For Use:

The EyeTect™ Tremor Monitor Unit is used to measure and display ocular microtremor. ~~Ocular microtremor information may be~~ useful in ass~~isting in the~~ assessment of the level of consciousness for patients under anesthesia or in a comatose state.

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office Of Device Evaluation (ODE)

Prescription Use ✓ OR Over-The-Counter Use

(Per 21 CFR 801.109)

(Optional Format 1-2-96)