



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

DEC - 1 1999

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Mr. Warren Walters  
Hewlett-Packard Company  
c/o Katecho, Inc.  
2500 Bell Avenue  
Des Moines, IA 50321

Re: K992977  
Hewlett Packard M3503A and M3504A Multifunction  
Pediatric Defib Electrodes  
Regulatory Class: III (three)  
Product Code: 74 MLN  
Dated: September 1, 1999  
Received: September 3, 1999

Dear Mr. Walters:

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 legally marketed predicate 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 (Pre-market 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 requirements, 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.

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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) 594-4648. 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/dsma/dsmamain.html>".

Sincerely yours,



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

Enclosure

### Indications for use Statement

510k Number: K992977

Device Name: "Hewlett Packard M3503A & M3504A Multifunction Pediatric Defib Electrodes"

**Indications For Use:**

The Hewlett Packard External Pediatric electrodes are indicated for use in external Pacing, Defibrillation and Monitoring applications as a non-sterile, disposable device for single pediatric patient use, only. The M3503A & M3504A electrodes provide the conductive interface between the defibrillator and/or the external transcutaneous (noninvasive) cardiac pacemaker and the pediatric patients skin. The electrode is intended for use on pediatric patients.

When a patient requires defibrillation, cardioversion or external pacing, these electrodes will be applied to the pediatric patient and connected to the instrument. This device is intended for use on defibrillators whose output is classified as low power (360 Joule maximum.)

The M3503A & M3504A Pediatric electrodes are designed for, and to be used, with the ~~the~~ Hewlett Packard Codemaster Defibrillator.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

*Jean A. Weidner*  
(Official Sign-Off)  
Division of Cardiovascular, Respiratory,  
and Neurological Devices  
510(k) Number K992977

Prescription Use  OR Over-The Counter Use

(Per 21 CFR 801.109)