

SEP 15 2000

K980937

NICORE, Inc. *Manufacturing Division*

5415 NW 24th St. • Suite 102 • Margate, FL 33083 • 954-977-8420

PREMARKET NOTIFICATION [510(k)] SUMMARY

1. **Submitted by:** SRS International® Corporation
Suite 1000, 1625 K St., NW
Washington, DC 20006
Telephone: 202-223-0157
Fax: 202-835-8970

2. **Contact Person:** Michael G. Farrow, Ph.D.

3. **Name of the Device:**

a. **Trade Name:** NICORE™ ESP-1™
b. **Common Name:** External Counterpulsation Device
c. **Classification Name:** Counterpulsation Device, External

4. **Legally Marketed Device for which we are claiming substantial equivalence:**

Vasomedical Model EECF-MC2

5. **Description of the Device:**

The NICORE™ model ESP-1™ is a proprietary, non-invasive medical device for performing external, sequential counterpulsation. It is a microprocessor-controlled system that inflates and deflates three pairs of air cuffs which compress vascular beds in the calves, lower thighs, and upper thighs/buttocks to achieve the desired therapy.

6. **Intended Use of the Device:** Current Indication for use includes patients with:

Stable Angina Pectoris

***This is a modified version of page 251 of the original 510(k) submission (K98-0937).*

Modified by: *Garrett Bates*
Vice President of Research & Development
NICORE, Inc.

Signature: _____



Date: _____

3-2-99



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

SEP 15 2000

Michael G. Farrow, Ph.D.
Official Correspondent
J-Mar Leasing, Inc.
C/o SRS International Corporation
1625 K Street, N.W. Suite 1000
Washington, DC 20006

Re: K980937
Nicore™ Model ESP™-1 External Counterpulsation Device
Regulatory Class: III (three)
Product Code: DRN
Dated: December 1, 1998
Received: December 2, 1998

Dear Dr. Farrow:

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

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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) 594-4648. 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" (21CFR 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,



Thomas J. Callahan, Ph.D.
Director
Division of Cardiovascular, Respiratory,
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): K980937

Device Name: NICORE™ ESP-1™

Indications For Use:

- **Stable Angina Pectoris**

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

[Handwritten Signature]

(Division Sign-Off)
Division of Cardiovascular, Respiratory,
and Neurological Devices

510(k) Number K980937

Prescription Use
(Per 21 CFR 801.109)

OR

Over-The-Counter Use

(Optional Format 1-2-96)