



JUN 20 2005

EXHIBIT #1

**510(K) SUMMARY**

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR §807.92.

The assigned 510(k) number is: \_\_\_\_\_.

**1. Submitter's Identification:**

Shanghai Lord International Trade Co., Ltd.  
Rm.C., Floor 22, Zhi Yuan Bldg.  
No.768 Xie Tu Road  
Shanghai, China 200023  
TEL: 0086-021-63056696

Contact: Mr. David Zheng

Date Summary Prepared: April 21, 2005

**2. Trade or Proprietary Device Name:**

Aneroid Sphygmomanometer with Stethoscope, Model HS-50A

**Common or Usual Name:**

Blood Pressure Kit (Blood Pressure Cuff)

**Classification Name:**

Cuff, Blood Pressure

Panel: Cardiovascular

**3. Legally Marketed Predicate Device:**

Aneroid Sphygmomanometer with Stethoscope, Wang & Li, Inc., K003415

**4. Device Description:**

The Aneroid Sphygmomanometer with Stethoscope is a non-invasive blood pressure measurement system for monitoring blood pressure levels. This Non-automated Sphygmomanometer uses an occluding cuff, an aneroid



sphygmomanometer to measure pressure, and a stethoscope for detecting Korotkoff sounds.

The Aneroid Sphygmomanometer with Stethoscope contains:

1. Adjustable D-ring Cuff (Adult Size)
2. Stethoscope (Attaches to the cuff)
3. Non-stop rotary pin, 300 mmHg gauge
4. Instruction booklet and record
5. Carrying case

The Aneroid Sphygmomanometer with Stethoscope enables the user to monitor the pressure of flowing blood that is exerted against the arteries at highest (systolic or contraction) and lowest (diastolic or relaxation) pressure.

To operate, the user places the attached stethoscope on the inner arm above the bend in the elbow, to detect the pulse of the brachial artery. After inflation of the cuff, the user does auditory monitoring with the stethoscope to evaluate systolic and diastolic pressure. The two values are usually recorded as a ratio of the two measurements: systolic over diastolic.

**5. Intended Use:**

The Aneroid Sphygmomanometer with Stethoscope is a non-automated, mechanical blood pressure monitor that is used for the indirect measurement (non-invasive) and display of arterial blood pressure. It can be used by professionals as well as trained individual users at hospitals or at home to monitor both systolic and diastolic pressure.

**6. Statement of Compliance to FDA Recognized Consensus Standards:**

The Aneroid Sphygmomanometer with Stethoscope, Model HS-50A, has been tested to and conforms with ANSI/AAMI SP-9-1994 Standard for Non-automated Sphygmomanometers.

**7. Conclusion:**

Shanghai Lord International Trade Co., Ltd. concludes that the subject Aneroid Sphygmomanometer with Stethoscope, Model HS-50A, is as safe and effective as the predicate, Aneroid Sphygmomanometer with Stethoscope, based on conformance to ANSI/AAMI SP9-1994 test results as well as non-clinical mechanical testing performed.



JUN 20 2005

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Shanghai Lord International Trade Co., Ltd.  
c/o Ms. Susan D. Goldstein-Falk  
mdi Consultants, Inc.  
55 Northern Blvd., Suite 200  
Great Neck, New York 11021

Re: K051021

Trade Name: Model HS-50A Aneroid Sphygmomanometer with Stethoscope  
Regulation Number: 21 CFR 870.1120  
Regulation Name: Blood Pressure Cuff  
Regulatory Class: Class II (two)  
Product Code: DXQ  
Dated: April 21, 2005  
Received: April 22, 2005

Dear Ms. Goldstein-Falk:

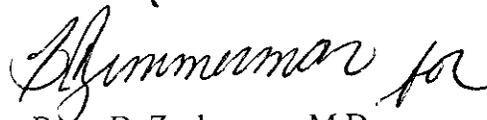
We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 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) that do not require approval of a premarket approval application (PMA). 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 (PMA), 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 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050. This letter will allow you to begin marketing your device as described in your Section 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), please contact the Office of Compliance at (240) 276-0295. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



Bram D. Zuckerman, M.D.  
Director  
Division of Cardiovascular Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (if known): K051021

Device Name: **Aneroid Sphygmomanometer with Stethoscope  
Model HS-50A**

**Indications For Use:**

The Aneroid Sphygmomanometer with Stethoscope is a non-automated, mechanical blood pressure monitor that is used for the indirect measurement (non-invasive) and display of arterial blood pressure. It can be used by professionals as well as trained individual users at hospitals or at home to monitor both systolic and diastolic pressure.

Prescription Use \_\_\_\_\_  
(Per 21 CFR 801 Subpart D)

OR

Over-The Counter Use X  
(21 CFR 807 Subpart C)

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

\_\_\_\_\_  
Concurrence of CDRH, Office of Device Evaluation (ODE)

Bhimmanna  
(Division Sign-Off)  
Division of Cardiovascular Devices  
510(k) Number K051021