Zhenjiang Assure Medical Equipment Co., Ltd.
2Th Nanwei Road, Zhenjiang, China, 212000
Tel: +86-511-88896286 Fax:+86-511-88853918
Email:ceirs.jen@msa.hinet.net

APR 1 8 2012

" 510(k) SUMMARY "

K112816

Submitter's Name: *Zhenjiang Assure Medical Equipment Co., Ltd.*
2Th Nanwei Road, Zhenjiang City, Jiangsu, China, 212000

Date summary prepared: September 18, 2011

Device Name:

Proprietary Name:	Zhenjiang Assure Mechanical Wheelchair, model:A227
Common or Usual Name:	Mechanical Wheelchair
Classification Name:	Mechanical Wheelchair, Class I, 21 CFR 890.3850

Indications for Use:

The device is intended for medical purpose to provide mobility to persons restricted to a sitting position.

Description of the device:

The Zhenjiang Assure Mechanical Wheelchair, model:A227 is indoor / outdoor wheelchair that has a base with four-wheeled with a seat. The device can be disassembled for transport and it is foldable easily. The device can be disassembled for transport and it is foldable easily. The device is consistent with the ISO 7176 series standards and uses a standard sling type back and seat, the upholstery fabric meets the flame retardant test.

The maximum weight bearing capacity of the device is 250 lbs/113.5 kgs. And the following surfaces are recommended not to operate on:

- *Sand surface*
- *Wet or icy surface*
- *Road maintenance hole metal cover*
- *Avoid going up multiple steps.*
- *Avoid using escalators. Use the elevator.*
- *Too steep incline over 10 degrees.*
- *Ground clearance 60 mm / 2.3"*
- *Curb climbing ability 20 mm / 0.8"*

Legally marketed device for substantial equivalence comparison:

KAIYANG Steel Wheelchair (K101999)

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Performance Testing:

Zhenjiang Assure Mechanical Wheelchair, model:A227 meets the applicable performance requirements as specified in ANSI/RESNA WC vol. 1 and ISO 7176 Wheelchair Standards.

Technological Characteristics Summary:

To ensure the safety and effectiveness of the device, the following ISO standards were completed:

- ISO7176-1:1999 Wheelchairs - Part 1:Determination of Static Stability.
- ISO7176-3: 2003 Wheelchairs - Part 3:Determination of effectiveness of brakes.
- ISO7176-5: 2008 Wheelchairs - Part 5:Determination of overall dimensions, mass and maneuvering space.
- ISO7176-11:1992 Wheelchairs - Part 11:Test dummies.
- ISO7176-13:1989 Wheelchairs - Part 13:Determination of coefficient of friction of test surfaces.
- ISO7176-15:1996 Wheelchairs - Part 15:Requirements for information disclosure, documentation and labelling.
- ISO7176-16:1997 Wheelchairs - Part 16:Resistance to ignition of upholstered parts, Requirements and test methods.

Discussion of Clinical Testing Performed:

NA

Summary for substantial equivalence comparison:

From the above comparison table the intended use between the subject device: Zhenjiang Assure Mechanical Wheelchair, model:A227 and predicate device: KAIYANG Steel Wheelchair (K101999) are the same structure which are made by similar steel. Mainframes of two devices are foldable. There are similar removable desk-length armrest and same swing-away detachable elevating footrest. Besides, back upholstery material is also the same resistance-ignitability fabric and also meets the California Technical standard for flame retardant. The overall appearance differences are not safety aspect. Thus the new device is substantially equivalent to the predicate device.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
Document Control Room –WO66-G609
Silver Spring, MD 20993-0002

Zhenjiang Assure Medical Equipment Co., Ltd.
% Dr. Jen Ke-Min
No. 58, Fu-Chiun Street
Hsin-Chu City
Taiwan, Republic of China 30067

APR 18 2012

Re: K112816
Trade/Device Name: Mechanical Wheelchair, model: A227
Regulation Number: 21 CFR 890.3850
Regulation Name: Mechanical wheelchair
Regulatory Class: Class I
Product Code: IOR
Dated: April 12, 2012
Received: April 12, 2012

Dear Dr. Ke-Min:

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. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to 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.

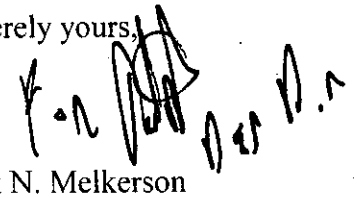
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); 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.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

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) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm.

Sincerely yours,



Mark N. Melkerson
Director
Division of Surgical, Orthopedic
and Restorative Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510 (K) Number (If Known): **K 112816**

Device Name: *Mechanical Wheelchair, model:A227*

Indications for Use:

The device is intended for medical purpose to provide mobility to persons restricted to a sitting position.

Prescription Use _____ AND/OR Over-The-Counter Use √

(Part 21 CFR 801 Subpart D) (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)

(Division Sign-Off)
Division of Surgical, Orthopedic,
and Restorative Devices

510(k) Number K112816