

K022866<sup>24</sup>

# ARC Medical Supplies(Beijing) Co., Ltd.

OCT 09 2002

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## 510(k) SUMMARY

This summary of 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: \_\_\_\_\_.

### Applicant

ARC Medical Supplies (Beijing) Co., Ltd.  
#66 Quian Ban Bi Jie, Xizhimen Nei  
Beijing, China 100035  
Telephone: 8610 6617 8581  
Fax: 8610 6611 3481

### Contact Person

Mr. Charles F. Andrews  
C.F. Andrews & Associates  
1591 S. Moorland Road, Suite 104  
New Berlin, WI 53151  
Telephone: (414) 416-9119  
Fax: (414) 389-1650

### Date

August 7, 2002

### Name of Device

#### Proprietary Name:

PDO (Polydioxanone) Monofilament  
Synthetic Absorbable Suture U.S.P.

#### Common or Usual Name:

Polydioxanone Monofilament  
Synthetic Absorbable Suture U.S.P.

#### Classification Name:

Suture, Absorbable, Synthetic, Polydioxanone

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## 510(k) SUMMARY - continued

PDO (Polydioxanone) Monofilament Synthetic Absorbable Sutures, U.S.P. manufactured by ARC Medical Supplies (Beijing) Co., Ltd. are equivalent to MONO-DOX synthetic absorbable polydioxanone surgical sutures manufactured by CP Medical.

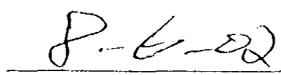
The PDO (Polydioxanone) Monofilament Synthetic Absorbable Sutures, U.S.P. manufactured by ARC Medical and CP Medical are monofilament suture composed of a Poly(p-dioxanone) acid, un-dyed or dyed with D&C Violet No. 2.

PDO (Polydioxanone) Monofilament Synthetic Absorbable Sutures are indicated for use in general soft tissue approximation and/or ligation, including use in pediatric cardiovascular tissue where growth is expected to occur and ophthalmic surgery. PDO is not indicated for use in adult cardiovascular tissue, microsurgery and neural tissue. These sutures are useful where an absorbable suture with extended wound support (up to six weeks) is desirable.

Testing of suture diameter, suture length, knot pull tensile strength, needle attachment strength and absorption rate according to methods outlined in U.S.P. XXIII demonstrates that ARC Medical PDO (Polydioxanone) Monofilament Synthetic Absorbable sutures meet or exceed U.S.P. specifications and are equivalent in terms of the above parameters to Synthetic Absorbable polydioxanone surgical sutures manufactured by CP Medical.



Richard Kuo, Chairman



Date



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

ARC Medical Supplies (Beijing) Co., Ltd.  
c/o Mr. Charles F. Andrews  
President  
C.F. Andrews & Associates  
1591 S. Moorland Road, Suite 104  
New Berlin, Wisconsin 53151

OCT 09 2002

Re: K022666

Trade/Device Name: PDO (Polydioxanone) Monofilament Synthetic  
Absorbable Suture  
Regulation Number: 21 CFR 878.4840  
Regulation Name: Suture, surgical, absorbable, polydioxanone  
Regulatory Class: Class II  
Product Code: NEW  
Dated: August 29, 2002  
Received: August 30, 2002

Dear Mr. Andrews:

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.

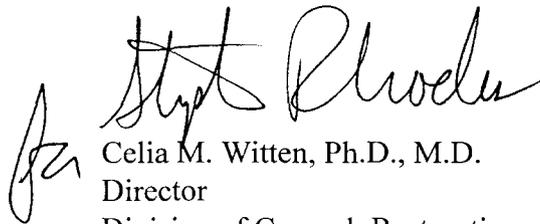
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. 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 Part 807.97). Other general information on your responsibilities under the Act may be obtained 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/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Celia M. Witten". The signature is written in a cursive style with a large initial "C" and "W".

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

K022666

510(k) Number : K022666

Device Name: PDO (Polydioxanone) Monofilament Synthetic Absorbable Suture U.S.P.

Indications for Use: PDO (Polydioxanone) Monofilament Synthetic Absorbable Sutures U.S.P. are indicated for use in general soft tissue approximation and/or ligation, including use in pediatric cardiovascular tissue where growth is expected to occur and ophthalmic surgery. PDO is not indicated for use in adult cardiovascular tissue, microsurgery and neural tissue. These sutures are useful where an absorbable suture with extended wound support (up to six weeks) is desirable.

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

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Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)  
Division of General, Restorative  
and Neurological Devices

510(k) Number K022666