

## 510(k) Summary

### Submitted By:

Karen Bradburn, RAC  
Senior Regulatory Affairs Specialist  
Cook Incorporated  
750 Daniels Way, PO Box 489  
Bloomington, IN 47402  
812-339-2235  
October 26, 2006

NOV 14 2006

### Device:

Trade Name: ATB™ Advance PTA Dilatation Catheter  
Proposed Classification: Catheter, Angioplasty, Peripheral, Transluminal  
(74 DQY)

### Predicate Devices:

The ATB™ Advance PTA Dilatation Catheter is similar in terms of intended use, materials of construction and technological characteristics to predicate devices reviewed as devices for transluminal percutaneous angioplasty of vessel lumens which are narrowed or obstructed.

### Device Description:

The ATB™ Advance PTA Dilatation Catheter is an over-the wire balloon catheter indicated for percutaneous transluminal angioplasty of lesions in peripheral arteries including iliac, renal, popliteal, infrapopliteal, femoral and ilio femoral and are also intended to treat obstructive lesions of native or synthetic arteriovenous dialysis fistulae. The device will be made with 5.0 or 6.0 French nylon tubing compatible with an 0.035-inch guidewire. It will be supplied sterile, intended for one-time use.

### Substantial Equivalence:

This device will be manufactured according to specified process controls and a Quality Assurance Program. This device will undergo packaging similar to the devices currently marketed and distributed by Cook Incorporated. This device will undergo sterilization similar to the devices currently marketed and distributed. Being similar with respect to indications for use, materials and physical construction to predicate devices, this device meets the requirements for section 510(k) substantial equivalence.

**Test Data:**

The ATB™ Advance PTA Dilatation Catheter was subjected to the following tests to assure reliable design and performance under the specified testing parameters. These tests were comprised of:

1. Tensile tests
2. Balloon inflation/deflation tests
3. Balloon burst tests
4. Balloon compliance
5. Balloon fatigue tests
6. Balloon profile
7. Balloon burst within a stent
8. Balloon fatigue within a stent

The results of these tests provide reasonable assurance that the device has been designed and tested to assure conformance to the requirements for its use as a PTA dilatation balloon catheter.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

NOV 14 2006

Cook Incorporated  
c/o Ms. Karen Bradburn  
Senior Regulatory Affairs Specialist  
P.O. Box 489  
Bloomington, IN 47402-0489

Re: K063252  
ATB Advanced PTA Balloon Catheter  
Regulation Number: 21 CFR 870.1250  
Regulation Name: Percutaneous Catheter  
Regulatory Class: Class II (Two)  
Product Code: DQY  
Dated: October 26, 2006  
Received: October 27, 2006

Dear Ms. Bradburn:

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) 276-0120. 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 (240) 276-3150 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): K063252

Device Name: PTA Balloon Catheter

Indications for Use:

For percutaneous transluminal angioplasty of lesions in peripheral arteries including iliac, renal, popliteal, infrapopliteal, femoral and ilio femoral and are also intended to treat obstructive lesions of native or synthetic arteriovenous dialysis fistulae. The ATB Advance PTA Dilatation Catheter is also intended for post-dilatation of balloon-expandable peripheral vascular stents.

Prescription Use X  
(Per 21 CFR 801 Subpart D)

OR

Over-the-Counter Use \_\_\_\_\_  
(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)

Diana R. Jackson  
(Division Sign-Off)  
Division of Cardiovascular Devices

510(k) Number K063252