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510(k) SUMMARY OF SAFETY AND EFFECTIVENESS
Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Sutures

A. Name, Address, Phone and Fax Number of Applicant

Teleflex Medical Incorporated
2917 Weck Drive
Research Triangle Park, NC 27709 USA
Phone: 919-361-3927
Fax: 919-361-4061

B. Contact Person

Elizabeth (Betty) Landon
Sr. Regulatory Affairs Specialist

C. Date Prepared

March 9, 2007

D. Device Name

Trade Name:
Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Suture

Common Name: Polyethylene Synthetic Non-Absorbable Surgical Suture

Classification Name: Nonabsorbable poly(ethylene terephthalate) surgical suture

E. Device Description

The Force Fiber® Black Co-Braid Polyethylene is non-absorbable, sterile, surgical suture composed of ultra high molecular weight polyethylene (UHMWPE). It is available in sizes 5-0 through 5, meeting USP requirements except for oversized diameter.

F. Indications for Use

Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Sutures are indicated for use in approximation and/or ligation of soft tissues, including use in cardiovascular surgeries and the use of allograft tissue for orthopaedic surgeries.

G. Substantial Equivalence

The device is the same intended use and fundamental scientific technology as Teleflex Medical Force Fiber® Polyethylene Non-absorbable Surgical Suture (K063778); and the same fundamental scientific technology as the Teleflex Medical Nylon Polyamide Non-absorbable Surgical Suture (K930738). Teleflex Medical Nylon Polyamide Non-absorbable

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Surgical Suture (K930738) is the same intended use in general soft tissue approximation and/or ligation, including use in cardiovascular. The determination of substantial equivalence for this device was based on a detailed device description, performance testing, and conformance with voluntary performance standards.

H. Summary of Testing

All sizes of Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Suture have been tested in accordance with USP 30 – Non-absorbable Surgical Sutures for Knot Pull Tensile Strength, Needle Attachment and Diameter, and meet the requirements of the *Class II Special Controls Guidance: Surgical Sutures*; Guidance for Industry and FDA; June 3, 2003.

All materials used in the fabrication of the Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Suture were evaluated through biological qualification safety tests as outlined in ISO 10993-1:2003, *Biological Evaluation of Medical Devices - Part 1: Evaluation and Testing.*

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

APR - 2 2007

Teleflex Medical Incorporated
% Ms. Elizabeth Landon
Sr. Regulatory Affairs Specialist
2917 Weck Drive
Research Triangle Park, North Carolina 27709

Re: K070673
Trade/Device Name: Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Suture
Regulation Number: 21 CFR 878.5000
Regulation Name: Nonabsorbable poly(ethylene terephthalate) surgical suture
Regulatory Class: II
Product Code: GAT
Dated: March 9, 2007
Received: March 12, 2007

Dear Ms. Landon:

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.

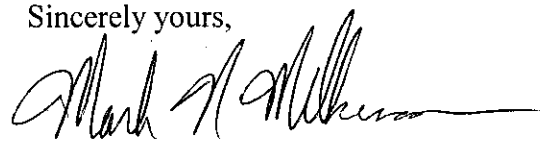
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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) 276-0115 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,



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

Enclosure

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SECTION 4 - INDICATIONS FOR USE STATEMENT

510(k) Number (if known): K070673

Device Name: Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Suture

Indications for Use:

Force Fiber® Black Co-Braid Polyethylene Non-Absorbable Surgical Sutures are indicated for use in approximation and/or ligation of soft tissues, including use in cardiovascular surgeries and the use of allograft tissue for orthopaedic surgeries.

Prescription Use ___X____ (Part 21 CFR 801 Subpart D) AND/OR Over-The-Counter Use _____ (21 CFR 801 Subpart C)

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

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

510(k) Number K070673