K041189

NOV - 4 2004

510(k) Summary

510(k) Number:

Company: Arthrex, Inc.
Address: 1370 Creekside Blvd., Naples, FL 34108-1945
Telephone: (239) 643-5553
Facsimile: (239) 598-5539
Contact: Ann Waterhouse

Trade Name: Arthrex TRIMit™ Family
Common Name: Bone Fixation Fastener
Classification: Fastener, Fixation, Biodegradable, Soft Tissue
Product Code: MAI, HWC

Description:

The Arthrex TRIMit™ Family of screws are manufactured using poly(L-lactide). They are threaded, fully cannulated implants. The TRIMit™ implants are available with a reusable driver for insertion purposes. Prior to driving in the anchor, it is necessary to prepare the bone using a drill of the appropriate size.

Indications for Use:

The Arthrex TRIMit™ Family, made of polylactide (PLLA), are implants for maintenance of alignment and fixation of fractures, osteotomies, arthrodeses or condylar grafts of the foot, ankle, hand, wrist, elbow, and shoulder in the presence of appropriate brace and/or immobilization. More specific surgeries are included in the statement of intended use.

By definition, substantial equivalence means that a device has the same intended use and technical characteristics as the predicate device, or has the same intended use and different technological characteristics, but can be demonstrated to be as safe and effective as the predicate device. The difference between the Arthrex TRIMit™ Family of screws and the predicate devices with similar indications do not raise any questions regarding the safety and effectiveness of the implant. Furthermore, the materials are well characterized and have been used in predicate devices with similar indications. The devices, as designed, are as safe and effective as predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV - 4 2004

Ms. Ann Waterhouse, RAC
Regulatory Affairs Specialist
Arthrex, Inc.
1370 Creekside Boulevard
Naples, Florida 34108-1945

Re: K041189
Trade/Device Name: Arthrex TRIMit™ Family
Regulation Number: 21 CFR 888.3040
Regulation Name: Smooth or threaded metallic bone fixation fastener
Regulatory Class: II
Product Code: HWC, MAI
Dated: August 5, 2004
Received: August 9, 2004

Dear Ms.Waterhouse:

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 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,

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

K041189

510(k) Number (if known):

Device Name: Arthrex TRIMit™ Family

Indications for Use:

The Arthrex TRIMit™ Family, made of polylactide (PLLA), are implants for maintenance of alignment and fixation of fractures, osteotomies, arthrodeses or condylar grafts of the foot, ankle, hand, wrist, elbow, and shoulder in the presence of appropriate brace and/or immobilization. More specific surgeries include:

Shoulder: Rotator Cuff Repairs, Bankart Repair, SLAP Lesion Repair, Biceps Tenodesis, Acromio-Clavicular Separation Repair, Deltoid Repair, Capsular Shift or Capsulolabral Reconstruction

Foot/Ankle: Lateral Stabilization, Medial Stabilization, Achilles Tendon Repair, Hallux Valgus Reconstruction (proximal and chevron), Midfoot Reconstruction, Metacarpal and Metatarsal fusions and Ligament Repair, Tendon transfer in the foot/ankle such as Posterior Tibial Tendon Transfer for Posterior Tibial Tendon Dysfunction, Flexor Digitorum Longus Transfer for Posterior Tibial Tendon Dysfunction, Kidner transfer, Extensor Hallucis Longus transfer, Flexor Hallucis Longus for Achilles Tendon reconstruction, Weber A and B fractures, Lateral and Medial Malleolus Ankle Fracture, Osteochondritis Dissecans, Fractures of the Distal Radius, tibial tubercle avulsions in adolescence

Elbow: Biceps Tendon Reattachment, Ulnar or Radial Collateral Ligament Reconstruction

Hand/Wrist: Scapholunate Ligament Reconstruction, Ulnar Collateral Ligament Reconstruction, Radial Collateral Ligament Reconstruction, phalangeal fracture and fusion, metacarpal fracture and fusion, carpal fusion and fracture, wrist arthrodesis, distal radius fractures, olecranon fractures, radial head fractures, humeral condylar fractures

(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 General, Restorative, and Neurological Devices

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