

APR 15 2005

K050358

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## VIII. 510(k) SUMMARY OF SAFETY AND EFFECTIVENESS

### ARTHREX CORKSCREW SUTURE ANCHOR

**MANUFACTURER / SPONSOR** Arthrex, Inc.  
1370 Creekside Boulevard  
Naples, Florida 34108-1945

**510(K) CONTACT:** Ann Waterhouse, RAC  
Sr. Regulatory Affairs Specialist  
Telephone: (239) 643-5553 ext. 1179  
FAX: (239) 598-5539

**TRADE NAME:** Corkscrew FT II Suture Anchor

**COMMON NAME:** Fastener; Screw, Fixation, Bone; Suture  
**PRODUCT CODE /**

**CLASSIFICATION NAME** HWC/ 21 CFR 888.3040  
Fastener, Fixation, Nondegradable, Soft  
Tissue Smooth or threaded metallic bone  
fixation fastener

GAT/21 CFR 8788.5000  
Suture, Nonabsorbable Synthetic  
Polyethylene

**PREDICATE DEVICE:**

Corkscrew Suture Anchor: K003816 & K971723

**DEVICE DESCRIPTION AND INTENDED USE:**

The Arthrex Corkscrew FT II Suture Anchor is a 5.5 x 16mm fully threaded (FT) non-degradable screw that is available configured with suture or with suture and needles.

The Arthrex Corkscrew FT II Suture Anchor is intended for fixation of suture to bone in the shoulder, foot/ankle, knee, hand/wrist, elbow, and pelvis.

Specifically:

**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, Midfoot Reconstruction, Metatarsal Ligament Repair.

**Knee:** Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Patellar Tendon Repair, Posterior Oblique Ligament Repair, and Iliotibial Band Tenodesis.

Hand/Wrist: Scapholunate Ligament Reconstruction, Ulnar Collateral Ligament Reconstruction, Radial Collateral Ligament Reconstruction.

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

Pelvis: Bladder Neck Suspension for female urinary incontinence due to urethral hypermobility or intrinsic sphincter deficiency.

#### **SUBSTANTIAL EQUIVALENCE SUMMARY**

The Arthrex Corkscrew FT II Suture Anchor is substantially equivalent to the predicate Arthrex Corkscrew Suture Anchor in which the basic features and intended uses are the same. Any differences between the Arthrex Corkscrew FT II Suture Anchor and the predicate Arthrex Corkscrew Suture Anchor are considered minor and do not raise questions concerning safety and effectiveness. Based on the information submitted, Arthrex, Inc. has determined that the new Corkscrew FT II Suture Anchor is substantially equivalent to the currently marketed predicate device.



APR 15 2005

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Ms. Ann Waterhouse, RAC  
Senior Regulatory Affairs Specialist  
Arthrex, Inc.  
1370 Creekside Boulevard  
Naples, Florida 34108-1845

Re: K050358

Trade/Device Name: Arthrex Corkscrew FT Suture Anchor  
Regulation Number: 21 CFR 888.3040  
Regulation Name: Smooth or threaded metallic bone fixation fastener  
Regulatory Class: II  
Product Code: HWC, MBI, GAT  
Dated: March 15, 2005  
Received: March 17, 2005

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.

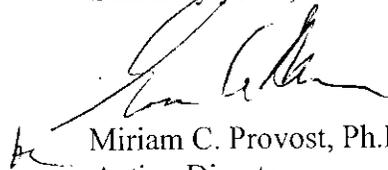
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish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

Sincerely yours,



Miriam C. Provost, Ph.D.  
Acting Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

III. Indications for Use Form

510(k) Number (if known): K050358

**Device Name: Arthrex Corkscrew FT Suture Anchor**

**Indications for Use:**

The Arthrex Corkscrew FT Suture Anchor is intended for fixation of suture to bone. This product is intended for the following indications:

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, Midfoot Reconstruction, Metatarsal Ligament Repair.

Knee: Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Patellar Tendon Repair, Posterior Oblique Ligament Repair, and Iliotibial Band Tenodesis.

Hand/Wrist: Scapholunate Ligament Reconstruction, Ulnar Collateral Ligament Reconstruction, Radial Collateral Ligament Reconstruction.

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

Pelvis: Bladder Neck Suspension for female urinary incontinence due to urethral hypermobility or intrinsic sphincter deficiency.

Prescription Use  X  AND/OR Over-The-Counter Use \_\_\_\_\_  
(Per 21 CFR 801 Subpart D) (21 CFR 801 Subpart C)

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

K050358