

K071656

510(k) Summary

AUG 27 2007

Manufacturer: Small Bone Innovations International, SA
Z.A. Les Bruyeres
Peronnas France 01960

Submitted By: Small Bone Innovations
1380 South Pennsylvania Avenue
Morrisville, PA 19067

Proprietary Name: SBi ArtFIX

Classification name: Class II, 888.3040 – Screw, Fixation, Bone

Common/Usual Name: Smooth or threaded metallic bone fixation fastener

Product Code: HWC

Substantial Equivalence: Documentation is provided which demonstrated the SBi ArtFIX to be substantially equivalent to other legally marketed devices.

Device Description: The SBi ArtFIX System consists of compression screws that are used for internal fixation. ArtFIX is a cannulated, fully threaded, headless compression screw based on a conical design. The ArtFIX screw has a cutting tip and three thread configurations along its length.

Intended Use: The SBi ArtFIX is intended for bone reconstruction, osteotomy, arthrodesis, joint fusion, fracture repair, and fracture fixation of bones appropriate for the size of the device.

Material: The implants are made from Ti-6Al-4V per ISO 5832-3



Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Small Bone Innovations, Inc.
% Musculoskeletal Clinical Regulatory Advisors, LLC
Mr. Robert Hoehn
Regulatory Associate
505 Park Avenue, 14th Floor
New York, New York 10022

AUG 27 2007

Re: K071656

Trade/Device Name: SBI ArtFIX

Regulation Number: 21 CFR 888.3040

Regulation Name: Smooth or threaded metallic bone fixation fastener

Regulatory Class: II

Product Code: HWC

Dated: May 23, 2007

Received: May 29, 2007

Dear Mr. Hoehn:

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

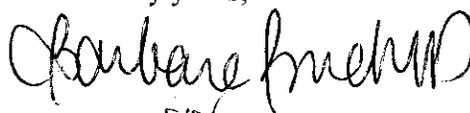
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forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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 toll-free number (800) 638-2041 or (240) 276-3150 or the Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.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

Indications for Use

510(k) Number:

Device Name: SBi ArtFIX

Indications For Use:

The SBi ArtFIX is indicated for bone reconstruction, osteotomy, arthrodesis, joint fusion, fracture repair, and fracture fixation of bones appropriate for the size of the device.

Prescription Use
(Part 21 CFR 801 Subpart D)

AND/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)

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Barbara Bonebrake

(Division Sign-Off)

Division of General, Restorative,
and Neurological Devices

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