

MAR 15 2000

Attachment VI

**Summary of Safety and Effectiveness Information**  
**[510(k) Summary]**

**SUBMITTER**

Synthes (USA)  
1690 Russell Road  
Paoli, PA 19301  
(610) 647-9700

Contact: Sheri L. Musgnung

**DEVICE NAME:**

Synthes Button Plate

**COMMON OR USUAL  
NAME**

Fastener, Fixation, nondegradable, Soft Tissue

**DEVICE  
CLASSIFICATION:**

Class II, 21 CFR 888.3030

**PREDICATE DEVICE:**

Arthrex's Bio-Button

**DESCRIPTION:**

Synthes Button Plate is a pre-bent plate consisting of seven holes for passing up to #5 sutures. The plate is 0.7 mm thick, 10 mm in width, and is 17 mm in length. The Button Plate is manufactured from titanium and is MRI safe.

**INTENDED USE:**

Synthes Button Plate is intended for augmentation of transosseous rotator cuff repair, especially in massive tears and reruptures in proximity to osteopenic bone.

**MAR 15 2000**Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Ms. Sheri L. Musgnung  
Regulatory Affairs Specialist  
Synthes (USA)  
1690 Russell Road  
Paoli, Pennsylvania 19301

Re: K994364  
Trade Name: Synthes Button Plate  
Regulatory Class: Class II  
Product Codes: MBI, KGS  
Dated: December 23, 1999  
Received: December 27, 1999

Dear Ms. Musgnung:

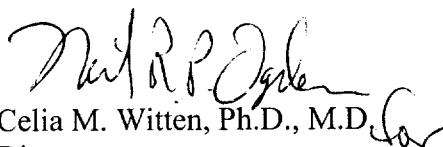
We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 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). You may, therefore, market the device, subject to the general control provisions of the Act. The general control 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 (Premarket Approval), 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 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 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 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4595. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers 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,

A handwritten signature in black ink, appearing to read "Celia M. Witten", with a stylized flourish at the end.

Celia M. Witten, Ph.D., M.D.  
Director  
Division of General and  
Restorative Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (if known): K994364

Device Name: Synthes Button Plate

Indications For Use:

Synthes Button Plate is intended for augmentation of transosseous rotator cuff repair, especially in massive tears and reruptures in proximity to osteopenic bone.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use  OR Over-The-Counter Use   
(Per 21 CFR 801.109)

NPD for cmw  
(Division Sign-Off)  
Division of General Restorative Devices  
510(k) Number K994364