SYNTHES®

K992837

OCT 25 1999

3.0 Summary of Safety and Effectiveness Information

SPONSOR:	Synthes (USA) 1690 Russell Road Paoli, PA 19301 (610) 647-9700 Contact: Angela Silvestri
DEVICE NAME:	Synthes 3.5 mm 90° Cannulated Limited Contact-Angled Blade Plates
CLASSIFICATION:	21 CFR 888.3030 Single/multiple component metallic bone fixation appliances and accessories.
PREDICATE DEVICE:	Synthes Small T-Plate Ace DePuy Symmetry Proximal Humerus Plate
DEVICE DESCRIPTION:	Synthes 3.5 mm 90° Cannulated LC-ABP provides stable fracture fixation and rotational control for fractures of the proximal humerus and distal tibia. The plates feature a low profile limited contact dynamic compression plate (LC-DCP®) design and dynamic compression unit (DCU) screw holes. The blade portion of the plate is cannulated to accept a 2.0 mm guide wire. The plates are available in various sizes to accommodate varying patient anatomy.
INTENDED USE:	These plates are intended for the fixation of fractures and non-unions of the proximal humerus and distal tibia.
MATERIAL:	Implant quality stainless steel and commercially pure titanium

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

OCT 25 1999

Ms. Angela J. Silvestri
Manager, Regulatory Affairs
Synthes (USA)
1690 Russell Road
P.O. Box 1766
Paoli, Pennsylvania 19301

Re: K992837
Synthes (USA) 3.5mm 90^0 Cannulated Limited Contact Angled Blade Plates
Regulatory Class: II
Product Code: KTW
Dated: August 20, 1999
Received: August 23, 1999

Dear Ms. Silvestri:

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 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 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 (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 requirement, 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) 594-4659. 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" (21 CFR 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/dsmamain.html".

Sincerely yours,

for 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

SYNTHES®

2.0 Indications for Use Statement

510(k) Number (if known): _____

Device Name: Synthes (USA) 3.5 mm 90° Cannulated Limited Contact Angled Blade Plates

Indications/Contraindications:

Synthes 3.5 mm 90° Cannulated Limited Contact Angled Blade Plates are intended for the fixation of fractures and non-unions of the proximal humerus and distal tibia.

(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 Devices
510(k) Number K992831

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