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510(k) Summary

OCT 1 ° 2007

Astra Tech AB
Special 510(k): Device Modification

Astra Tech Implant System, New Component

ADMINISTRATIVE INFORMATION

Manufacturer Name:	Astra Tech AB Aminogatan 1, P.O. Box 14 Mölndal, Sweden SE-431-21 Telephone: +46 31 776 30 00 Fax: +46 31 776 30 10
Official Contact:	Christina Lewing
Representative/Consultant:	Linda K. Schulz or Floyd G. Larson PaxMed International, LLC 11234 El Camino Real, Suite 200 San Diego, CA 92130 Telephone 1 (858) 792-1235 Fax 1 (858) 792-1236 Email: lschulz@paxmed.com flarson@paxmed.com

DEVICE NAME AND CLASSIFICATION

Trade/Proprietary Name:	Astra Tech Implant System, New Component
Common Name:	Endosseous dental implant abutment
Classification Name:	Abutment, Implant, Dental, Endosseous (21 CFR 872.3630), Class II
Product Code:	NHA
Classification Panel:	Dental Products
Reviewing Branch:	Dental Devices

INTENDED USE

Astra Tech Implant System abutments are intended to be used in conjunction with Astra Tech Implant System implants in fully edentulous or partially edentulous maxillary and/or mandibular arches to provide support for crowns, bridges or overdentures.

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DEVICE DESCRIPTION

The Astra Tech Implant System has been modified to increase treatment options by adding a new component, an additional abutment for provisional restorations.

EQUIVALENCE TO MARKETED PRODUCT

The modified Astra Tech Implant System has the following similarities to the unmodified predicate Astra Tech Implant System:

- has the same intended use,
- uses the same operating principle,
- incorporates the same basic design, and
- is packaged using the same materials and processes.

In summary, the modification to the Astra Tech Implant System described in this submission is, in our opinion, substantially equivalent to the predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Astra Tech AB
C/O Ms. Linda K. Schulz
Regulatory Affairs
PaxMed International, L.L.C.
11234 El Camino Real, Suite 200
San Diego, California 92130

OCT 1 2007

Re: K072624
Trade/Device Name: Astra Tech Implant System, New Component
Regulation Number: 21 CFR 872.3630
Regulation Name: Endosseous Dental Implant Abutment
Regulatory Class: II
Product Code: NHA
Dated: September 13, 2007
Received: September 17, 2007

Dear Ms. Schulz:

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) 276-0115. 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,

Chiu Lin, Ph.D.
Director
Division of Anesthesiology, General Hospital,
Infection Control and Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

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Indications for Use

510(k) Number (if known):

Device Name: Astra Tech Implant System, New Component

Indications for Use:

Astra Tech Implant System abutments are intended to be used in conjunction with Astra Tech Implant System implants in fully edentulous or partially edentulous maxillary and/or mandibular arches to provide support for crowns, bridges or overdentures.

Prescription Use _____ AND/OR Over-The-Counter Use _____
(Part 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)

(Division Sign-Off)
Division of Anesthesiology, General Hospital
Infection Control, Dental Devices

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