



Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Jack T. Krauser, D.M.D.
The Implant Center of The Palm Beaches
824 US Highway I, Suite 370
North Palm Beach, Florida 33408

FEB 20 1998

Re: K974280
Trade Name: Abutment - Complete
Regulatory Class: III
Product Code: DZE
Dated: October 20, 1997
Received: November 5, 1997

Dear Dr. Krauser:

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.

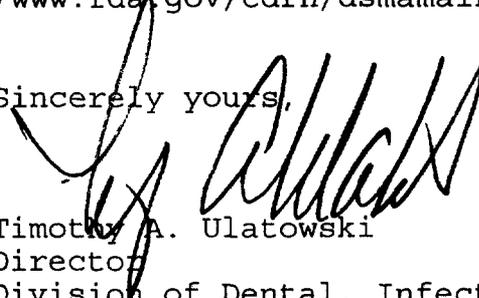
If your device is classified (see above) into either class II (Special Controls) or class III (Pre-market Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially 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 pre-market 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) 594-4618. 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,



Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): K97-4280

Device Name: Abutment

Indications For Use:

The abutment submitted is for use in multiple unit, partial, or full edentulous case types. The underlying surface mates with the external hex of the dental implant, and the set screw down the middle locks it into place. Its purpose is to provide a gentle contour of metal emerging from the top of the implant into the oral cavity, ending with a metal margin or a cosmetic margin that can be established at the laboratory phase. The laboratory technician with this abutment has coping devices to place over the abutment or the abutment analog to fabricate the prosthetic design in the laboratory, which will then be brought to the patient for these clinical indications. It is not intended for single-tooth application, as there is no built-in, anti-rotational features. It is, therefore, recommended only as a multiple unit; partially edentulous; or a multiple unit, totally edentulous abutment design. It functions similarly to other designs in this implant system for similar indications. The components are made of biocompatible ASTM standard titanium/titanium alloy, and it is not considered an implant, as is an abutment piece placed above the top of the implants.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

K974280 - Susan Purnas
(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K974280

Prescription Use
(Per 21 CFR 801.109)

OR

Over-The-Counter Use

(Optional Format 1-2-96)

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